

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

Project: 630A4-16-430

UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRICAL DISTRIBUTION, NY HARBOR HEALTHCARE CENTER, BROOKLYN VA

VA NEW YORK HARBOR HEALTHCARE SYSTEM
Brooklyn Campus, 800 Poly Place, Brooklyn, NY 11209



Project Directory

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Service Disabled Veteran Owned Small Business
259 St. Ives Dr., Talent, Oregon 97540
442 Chelsea Ave, W. Babylon, NY 11704
541-944-8768
email: bdxinfo@gmail.com

Architecture/Structural/Mechanical/Fire Protection

Patriot Design & Consulting

3610 Lawson Road
Jamestown, New York 14701
phone: (716) 484-1366

email: rtolman@tpatriot-dc.com

Electrical

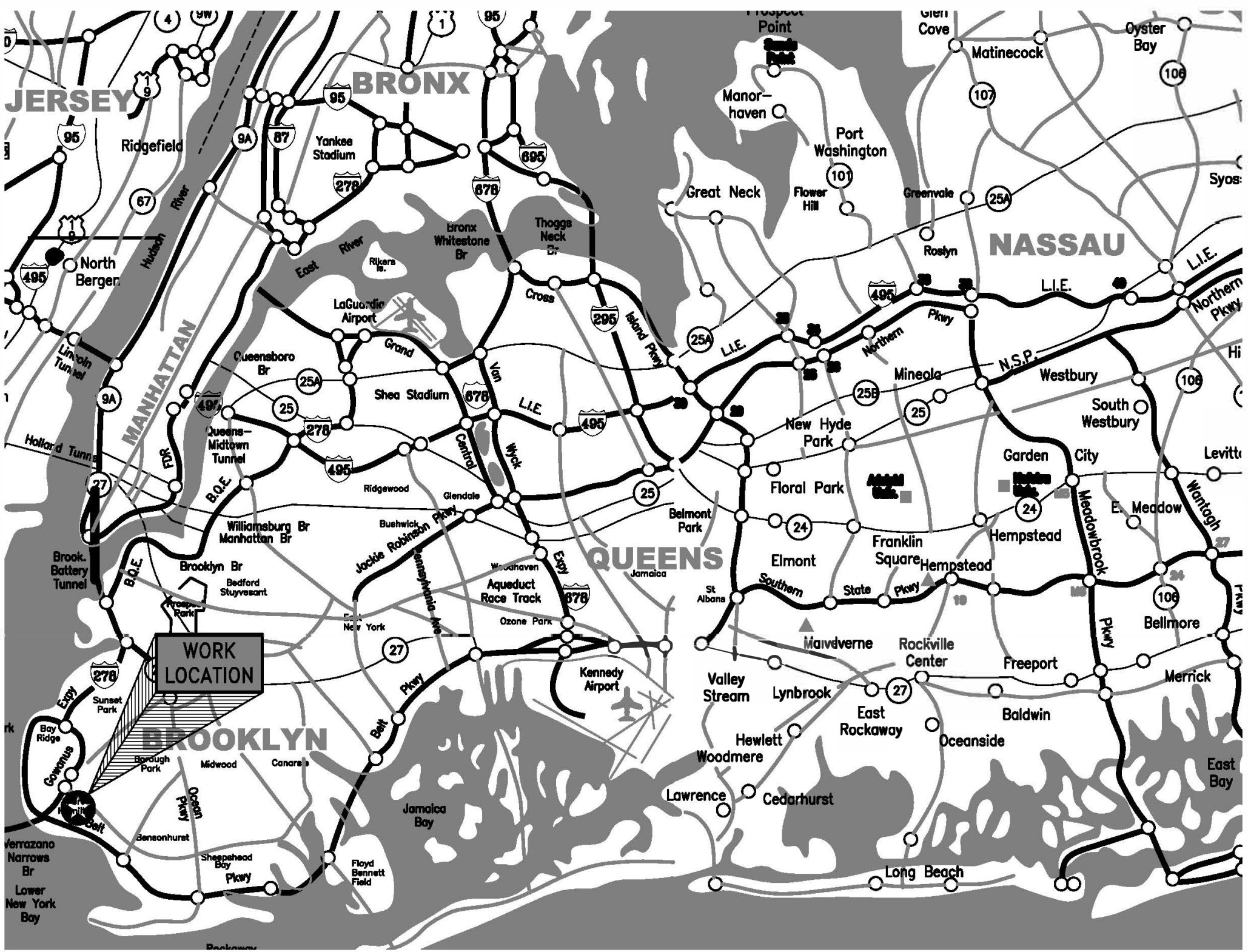
Ramboll Americas Engineering Solutions, Inc.(OBG)

18 Link Drive, Binghamton, NY 13904
333 West Washington St., Syracuse, NY 13221
163 North Wellwood Ave
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email: Todd.Farr@ramboll.com

Asbestos Abatement

Environmental Monitoring & Consulting Assoc.

P.O. Box 872 Summerville, NJ 08876
Lindenhurst, New York 11757
email: emcaeng@aol.com



LOCATION MAP



CONSULTANTS:		STAMP	ARCHITECT/ENGINEERS:	APPROVED BY:	DATE:	Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management	
				V G	08/24/22	TITLE SHEET		UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRICAL DISTRIBUTION NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS		630A4-16-430		Office of Construction and Facilities Management	
REV. 0 ISSUED FOR CONSTRUCTION 08/24/22			259 St. Ives Dr. Talent, OR 97540			Approved: Project Director		Location 800 POLY PLACE, BROOKLYN NY 11209		Building Number		Department of Veterans Affairs	
Revisions:								Issue Date 08/24/22		Drawing Number 18-01-BK GI-001		Dwg. 1 of 91	
								Checked TMF		Drawn KMB			

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GENERAL NOTES:

- FIELD-VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BEFORE STARTING WORK.
- EQUIPMENT DIMENSIONAL INFORMATION IS PRESENTED FOR REFERENCE ONLY. DIMENSIONS MAY VARY ACCORDING TO THE EQUIPMENT MANUFACTURER SELECTED AND FIELD VARIATIONS.
- COORDINATE ANY DIMENSIONAL VARIATIONS BETWEEN THESE CONSTRUCTION DOCUMENTS AND THE AS-DELIVERED EQUIPMENT.
- CONFIRM AND COORDINATE JOBSITE DIMENSIONS THAT AFFECT THE ERECTION OR OPERATION OF SYSTEMS, AS INTENDED BY THESE CONTRACT DOCUMENTS. MAINTAIN ADEQUATE CLEARANCES FOR OPERATIONAL ACCESS AND SERVICE OF ALL INSTALLED EQUIPMENT, AND SHALL MAINTAIN ANY CLEARANCES REQUIRED BY ALL APPLICABLE CODES.
- INFORM THE OWNER/ENGINEER OF ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS THAT AFFECT THE WORK DESCRIBED HEREIN. PRIOR TO INSTALLATION.
- IF, DURING THE COURSE OF CONSTRUCTION, A CONDITION EXISTS WHICH DISAGREES OR CONFLICTS WITH THE DRAWINGS OR SPECIFICATIONS, STOP WORK AND NOTIFY THE ENGINEER. IF THE CONTRACTOR FAILS TO FOLLOW THIS PROCEDURE AND CONTINUES WITH THE WORK, THEY SHALL ASSUME ALL RESPONSIBILITY AND LIABILITY ARISING THEREOF.
- THESE CONTRACT DOCUMENTS ARE INTENDED TO INDICATE THE WORK NEEDED TO PROVIDE A COMPLETE AND READY-FOR-OPERATION INSTALLATION. THESE DOCUMENTS ARE INTENDED TO GUIDE THE CONTRACTOR. THESE DOCUMENTS ARE NOT INTENDED TO SHOW EVERY DETAIL OF THE EXISTING CONDITIONS OR NEW INSTALLATIONS, NOR DO THEY DESCRIBE EVERY FITTING REQUIRED FOR THE INSTALLATION OF THE WORK.
- "PROVIDE" SHALL MEAN "FURNISH AND INSTALL" AND SHALL INCLUDE ALL EQUIPMENT, DEVICES, HARDWARE, MOUNTS, LABOR, RIGGING, SUBCONTRACTS, ETC., THAT RESULT IN A COMPLETE AND FUNCTIONAL JOB.
- FURNISH AND INSTALL ALL EQUIPMENT, ACCESSORIES, SUPPORTS, FITTINGS, AND ALL OTHER INCIDENTAL MATERIAL NEEDED FOR THE COMPLETE AND OPERATING INSTALLATION. MINOR ITEMS TO FINISH THE WORK SUCH AS PATCHING, BLOCKING, TRIM, TOUCH-UP PAINT, ETC., SHALL BE PROVIDED WHETHER OR NOT INDICATED IN THE CONTRACT DOCUMENTS.
- WITH THE SUBMISSION OF A PROPOSAL/BID, THE CONTRACTOR INDICATES THAT THEY ARE FULLY AWARE OF THE EXTENT, CHARACTER AND INTENT OF THE WORK TO BE ACCOMPLISHED BY THIS PROJECT. ALL CLARIFICATIONS SHALL BE RESOLVED BEFORE SUBMITTING THE PROPOSAL. NO CONSIDERATION WILL BE GRANTED FOR ANY MISUNDERSTANDING OF THE MATERIAL OR EQUIPMENT TO BE FURNISHED OR WORK TO BE PERFORMED AFTER THE CONTRACT IS EXECUTED.
- INFORM THE OWNER/ENGINEER OF ANY DEVIATIONS OR EXCEPTIONS THAT THEY INTEND TO TAKE TO THESE CONTRACT DOCUMENTS PRIOR TO EXECUTING THE CONSTRUCTION CONTRACT. NO VARIATIONS TO THESE DOCUMENTS AFTER EXECUTION OF THE CONTRACT ARE PERMITTED.
- THE BID SHALL BE BASED ON THE EQUIPMENT LISTED IN THESE CONTRACT DOCUMENTS. SHOULD THE CONTRACTOR WISH TO SUBSTITUTE ALTERNATE EQUIPMENT, THEY SHALL LIST SUCH ALTERNATES DURING THE BIDDING PROCESS AND THEY SHALL LIST THE AMOUNT OF MONEY TO BE ADDED OR DEDUCTED FROM THEIR PRICE. FINAL APPROVAL FOR SUBSTITUTES SHALL BE OBTAINED FROM THE OWNERS ENGINEER AND VA COR. PRIOR TO PROCURING THE EQUIPMENT. IF THE CONTRACTOR NAMES NO SUBSTITUTES WITH THEIR BID, THE EQUIPMENT INDICATED IN THESE DRAWINGS OR SPECIFICATIONS SHALL BE USED.
- COSTS ASSOCIATED WITH PROVIDING SUBSTITUTES SHALL BE ASSUMED BY THE CONTRACTOR. "SUBSTITUTES" SHALL INCLUDE ACCEPTABLE ALTERNATES, ALTERNATES TO THE SCOPE OF WORK, OR ANY MODIFICATIONS THAT DEVIATE FROM THE BASE-BID DESIGN. THE ASSOCIATED COSTS SHALL INCLUDE, BUT ARE NOT LIMITED TO REDESIGN & ENGINEERING COSTS, CHANGES CAUSED TO INTERRELATED SYSTEMS SUCH AS ELECTRICAL COMPONENTS, WIRING, AND CONNECTIONS, CHANGES TO MOUNTING SYSTEMS OR STRUCTURES, REROUTING OF INTERFERENCES, ETC.
- USE APPROVED SHOP DRAWING SUBMITTALS FOR FINAL COORDINATION OF THEIR WORK.
- SUBMIT EQUIPMENT INFORMATION, SHOP DRAWINGS AND A CONSTRUCTION SCHEDULE TO THE OWNERS ENGINEER AND VA COR. FOR APPROVAL BEFORE STARTING ANY WORK OR PURCHASING ANY EQUIPMENT.
- ALL MATERIALS PROVIDED SHALL BE NEW AND FREE FROM ANY DEFECT. SALVAGED OR REBUILT EQUIPMENT SHALL NOT BE PERMITTED.
- ALL MATERIALS, ETC., SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, AND ALL LOCAL AND NATIONALLY RECOGNIZED STANDARDS, SUCH AS VA, ASHRAE, NFPA, NEC, ASTM, UL, ETC., AS EXAMPLES.
- PERFORM COORDINATION SO THAT ONCE THE PROJECT IS STARTED, IT SHALL CONTINUE WITHOUT DELAY UNTIL COMPLETION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE WORK OF ALL THEIR SUBCONTRACTORS, AND THEIR CONFORMANCE TO THESE CONTRACT DOCUMENTS.
- PROVIDE NOTIFICATION AND OPPORTUNITY FOR INSPECTION TO THE OWNER BEFORE CLOSING UP ANY WORK, EQUIPMENT, OR PIPING SYSTEM.
- MAINTAIN THE WORK AREA IN A STATE FREE FROM HAZARDS. TAKE ALL NECESSARY PRECAUTIONS, FOLLOW SAFE WORKING PRACTICES, AND MAINTAIN THE SITE AND ADJACENT AREAS SAFE FOR WORKERS, INSPECTORS, PATIENTS, VISITORS, AND FACILITY EMPLOYEES.
- SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE OWNER'S REPRESENTATIVE DOES NOT PROFESS TO BE FAMILIAR WITH CONSTRUCTION SITE SAFETY REQUIREMENTS. MEETING SITE SAFETY AND OSHA REQUIREMENTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO RETAIN A THIRD-PARTY CONSULTANT IF THEY OBSERVE PRACTICES THAT APPEAR UNSAFE.
- IF THE OWNER'S REPRESENTATIVE DEEMS THAT ANY UNSAFE CONDITION APPEARS TO EXIST, THE OWNER HAS THE RIGHT TO STOP ALL WORK. ANY STOP-WORK ORDERS BY THE OWNER BECAUSE OF POTENTIALLY UNSAFE CONDITIONS SHALL NOT BE USED BY THE CONTRACTOR TO DELAY THE WORK SCHEDULE, INCREASE THE CONTRACT VALUE, OR AVOID ANY LIQUIDATED-DAMAGE PENALTIES ASSOCIATED WITH THE WORK OR TO MAKE A CLAIM AGAINST THE OWNER.
- THE OWNER REQUIRES ACCESS TO AND AROUND AREAS OF THE WORK. ALL WORK MUST BE CONDUCTED IN A MANNER TO MINIMIZE DISRUPTION OF NORMAL FACILITY OPERATIONS.
- ALL CONSTRUCTION MATERIALS AND TOOLS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER. THE OWNER SHALL NOT BE RESPONSIBLE FOR ANY SHIPPING, DELIVERY OR SECURITY ISSUES RELATED TO MATERIALS, EQUIPMENT, OR TOOL STORAGE.
- LEAVE THE SITE IN A NEAT, ORDERLY AND SAFE CONDITION AT THE END OF EACH WORK DAY. THE SITE AND BUILDING SHALL BE MADE AS SECURE AS POSSIBLE SO AS TO PREVENT UNAUTHORIZED ENTRY AND ACTIVITY.
- ALL REMOVED/ DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
- DISPOSAL OF ALL MATERIALS SHALL BE PROVIDED IN ACCORDANCE WITH VA, STATE & LOCAL REQUIREMENTS, AND THE CONTRACT SPECIFICATIONS.
- THE OWNER SHALL HAVE THE RIGHT AT ALL TIMES TO EXAMINE THE WORK AND DETERMINE THE CONFORMANCE WITH THE REQUIREMENTS AND INTENT OF THE CONTRACT DOCUMENTS.
- COMPLETE ALL WORK WITH MINIMAL DISRUPTION OF THE FACILITY'S UTILITIES AND OPERATIONS. ANY WORK REQUIRING A SHUTDOWN OF ELECTRIC, STEAM, HOT WATER, CONDENSATE AND ELEVATOR/WALKWAYS SHALL BE REQUESTED 4 WEEKS IN ADVANCE AND APPROVAL RECEIVED FROM THE COR BEFORE SCHEDULING WORK. ALL OUTAGES SHALL BE COORDINATED WITH THE FACILITY AND SHALL BE DONE AFTER HOURS OR WEEKENDS. ACCOUNT FOR UTILITY/ ELEVATOR SHUTDOWN WORK BEING DONE OUTSIDE NORMAL BUSINESS HOURS.
- MAINTAIN AWARENESS OF THE FACILITY'S SHUTDOWN RESTRICTIONS AND LIMITATIONS. ANY WORK- SCHEDULING PROBLEMS CAUSED BY SHUTDOWN RESTRICTIONS BY THE FACILITY SHALL NOT BE CAUSE FOR CLAIM OR DELAY.
- PROVIDE THE NECESSARY LABOR INCLUDING ANY PREMIUM-TIME AND OVERTIME LABOR REQUIRED TO MAINTAIN THE CONSTRUCTION SCHEDULE.
- ALL STRUCTURAL STEEL, PIPING, REINFORCING STEEL, OR OTHER MAJOR STEEL ITEMS TO BE INCORPORATED IN THE WORK SHALL BE PRODUCED OR MADE IN WHOLE OR SUBSTANTIAL PART IN THE UNITED STATES, ITS TERRITORIES OR POSSESSIONS.
- ALL WORK AND EQUIPMENT SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM DATE OF FINAL PAYMENT AND ACCEPTANCE UNLESS OTHERWISE STATED IN THE SPECIFICATIONS.

CONSULTANTS:

RAMBOLL
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
18 LINK DRIVE
BINGHAMTON, NY 13902

STAMP



ARCHITECT/ENGINEERS:



APPROVED BY:

VJC

DATE:

08/24/22

Drawing Title

DRAWING LIST AND GENERAL NOTES

Approved: Project Director

Project Title

UPGRADE LIFE SAFETY/CRITICAL BRANCH
ELECTRICAL DISTRIBUTION
NY HARBOR HEALTHCARE CENTER
VA BROOKLYN CAMPUS

Location 800 POLY PLACE, BROOKLYN NY 11209

Issue Date

08/24/22

Checked

TMF

Drawn

KMB

Project Number

630A4-16-430

Building Number

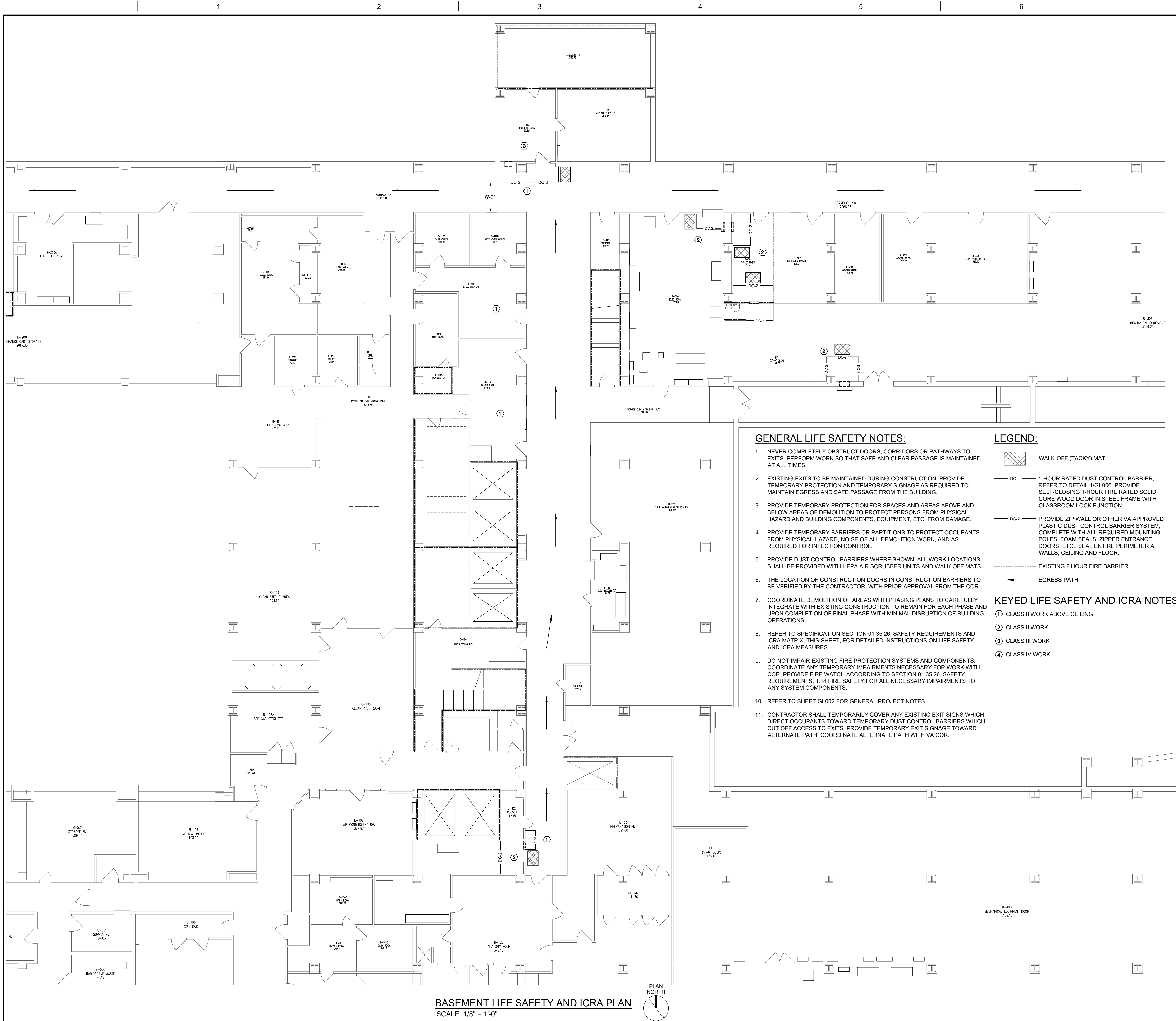
Drawing Number

18-01-BK
GI-002

Dwg. 2 of 91

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs



INFECTION CONTROL RISK ASSESSMENT MATRIX OF PRECAUTIONS FOR CONSTRUCTION AND RELOCATION

TYPE	CONSTRUCTION PROJECT ACTIVITY
TYPE A	INSPECTION AND NON-INVASIVE ACTIVITIES. INCLUDE, BUT ARE NOT LIMITED TO: REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 SQUARE FEET. PAINTING (BUT NOT SANDING). WALL COVERING, ELECTRICAL TRIM WORK, MINOR PLUMBING, AND ACTIVITIES THAT DO NOT GENERATE DUST OR REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL INSPECTION.
TYPE B	SMALL SCALE, SHORT DURATION ACTIVITIES THAT CREATE MINIMAL DUST. INCLUDE, BUT ARE NOT LIMITED TO: INSTALLATION OF TELEPHONE AND COMPUTER CABLEING. ACCESS TO CHASE SPACES. CUTTING OF WALLS OR CEILING WHERE DUST MIGRATION CAN BE CONTROLLED.
TYPE C	WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENTS OR ASSEMBLIES. INCLUDES, BUT IS NOT LIMITED TO: SANDING OF WALLS FOR PAINTING OR WALL COVERING. REMOVAL OF FLOOR COVERINGS, CEILING TILES AND CASEWORK. NEW WALL CONSTRUCTION. MINOR DUCT WORK OR ELECTRICAL WORK ABOVE CEILINGS. MAJOR CABLEING ACTIVITIES. ANY ACTIVITY THAT CANNOT BE COMPLETED WITHIN A SINGLE WORK SHIFT.
TYPE D	MAJOR DEMOLITION AND CONSTRUCTION PROJECTS. INCLUDES, BUT IS NOT LIMITED TO: ACTIVITIES THAT REQUIRE CONSECUTIVE WORK SHIFTS. REQUIRES HEAVY DEMOLITION OR REMOVAL OF A COMPLETE CABLEING SYSTEM. NEW CONSTRUCTION.

PATIENT RISK GROUPS				
LOW RISK	MEDIUM RISK	HIGH RISK	HIGHEST RISK	
• OFFICE AREAS • BOILER ROOM • EQUIPMENT ROOMS (NON-CLINICAL)	• RADIOLOGY • ECHOCARDIOGRAPHY • ENDOSCOPY • NUCLEAR MEDICINE • PHYSICAL THERAPY • RADIOLOGY/MRI • RESPIRATORY THERAPY • OUTPATIENT CLINICS	• EMERGENCY ROOM • LABOR & DELIVERY • CLINICAL LABORATORIES • PEDIATRICS • PHARMACY • POST ANESTHESIA CARE UNIT • SURGICAL UNITS	• ANY AREA CARING FOR IMMUNOCOMPROMISED PATIENTS • BURN UNIT • CARDIAC CATH LAB • SUPPLY, PROCESSING, AND DISTRIBUTION • ALL INPATIENT MEDICAL OR SURGICAL UNITS • MEDICAL UNIT • NEGATIVE PRESSURE ISOLATION ROOMS • OUTPATIENT CHEMOTHERAPY AREAS • OPERATING ROOMS	

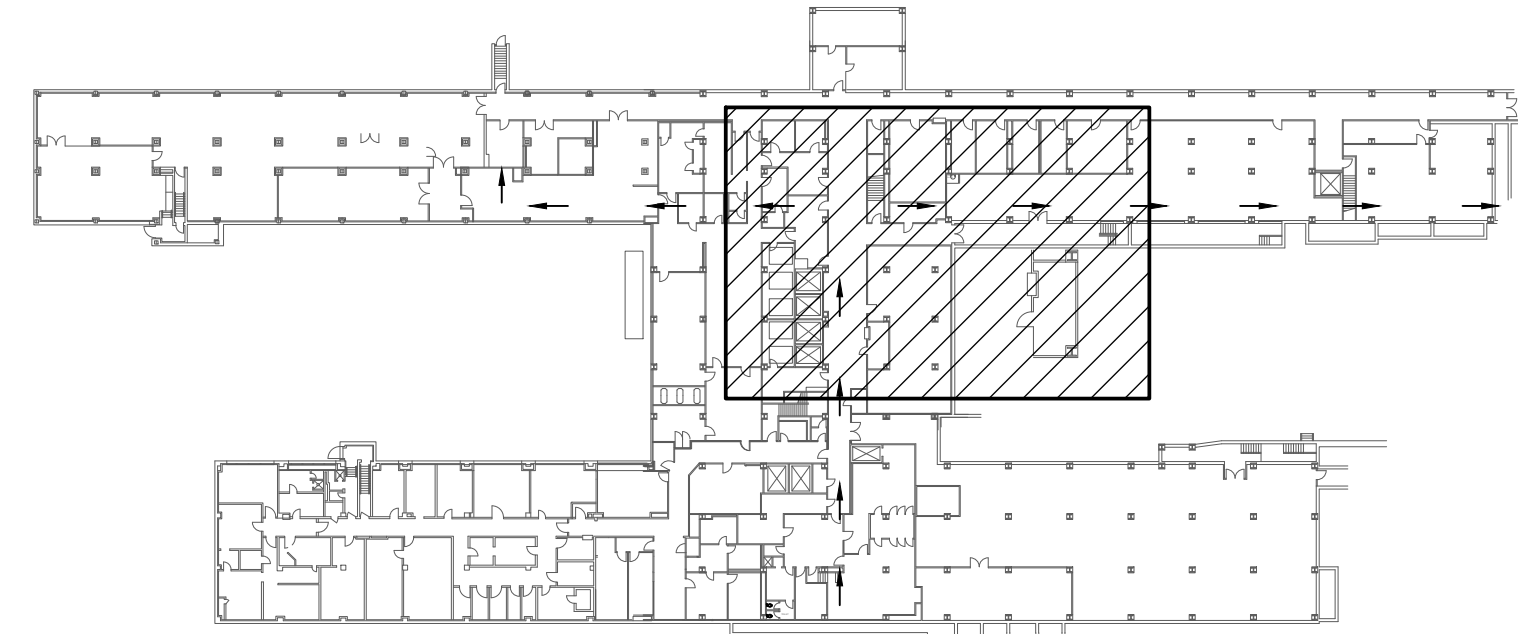
ICRA MATRIX CLASS OF PRECAUTIONS

PATIENT RISK GROUP	TYPE A	TYPE B	TYPE C	TYPE D
LOW RISK GROUP	I	II	II	III/IV
MEDIUM RISK GROUP	I	II	III	IV
HIGH RISK GROUP	I	II	III or IV	IV
HIGHEST RISK GROUP	II	III or IV	III or IV	IV

NOTE: INFECTION CONTROL APPROVAL IS REQUIRED FOR ALL DEMOLITION, CONSTRUCTION OR RENOVATION ACTIVITIES. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN AN INFECTION CONTROL PERMIT FROM HOSPITAL SAFETY OFFICER OR FACILITIES MANAGEMENT, MAINTENANCE AND ENGINEERING DEPARTMENT BEFORE DEMOLITION OR CONSTRUCTION BEGINS AND PROVIDE ALL REQUIRED INFECTION CONTROL PRECAUTIONS.

DESCRIPTION OF REQUIRED INFECTION CONTROL PRECAUTIONS BY CLASS - SEE "KEYED NOTE" THIS SHEET, FOR PROJECT SPECIFICS

CLASS	DURING CONSTRUCTION/DEMOLITION PHASE	UPON COMPLETION OF THE PROJECT/PHASE
CLASS I	1. NOTIFY THE COR OR GOVERNMENT DESIGNATED AUTHORITY. 2. EXECUTE WORK BY METHODS TO MINIMIZE RAISING DUST FROM CONSTRUCTION OPERATIONS.	1. CLEAN WORK AREA UPON COMPLETION OF TASK. 2. NOTIFY THE COR OR GOVERNMENT DESIGNATED AUTHORITY.
CLASS II	1. NOTIFY THE COR OR GOVERNMENT DESIGNATED AUTHORITY. 2. PROVIDE ACTIVE MEANS TO PREVENT AIRBORNE DUST FROM DISPERSING INTO ATMOSPHERE SUCH AS WET METHODS OR TOOL MOUNTED DUST COLLECTORS WHERE POSSIBLE. WHERE DUST CONTROL IS SHOWN ON ICRA PLAN, PROVIDE SHEET PLASTIC BARRIERS AS SPECIFIED IN SECTION 01 35 26, INFECTION CONTROL, PRODUCTS AND MATERIALS, DURING DEMOLITION ACTIVITIES. REMOVE BARRIERS UPON COMPLETION OF DEMOLITION WORK AND APPROVAL OF COR. 3. WATER MIST WORK SURFACES TO CONTROL DUST WHILE CUTTING. 4. SEAL UNUSED DOORS WITH DUCT TAPE. 5. BLOCK OFF AND SEAL AIR VENTS. 6. REMOVE OR ISOLATE HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.	1. WET MOP/WIPE WORK SURFACES WITH CLEANER/DISINFECTANT. 2. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. 3. WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREA. 4. UPON COMPLETION, RESTORE HVAC SYSTEM WHERE WORK WAS PERFORMED. 5. NOTIFY THE COR OR GOVERNMENT DESIGNATED AUTHORITY.
CLASS III	AS ABOVE AND: 1. OBTAIN PERMIT FROM THE COR OR GOVERNMENT DESIGNATED AUTHORITY. 2. COMPLETE ALL CRITICAL BARRIERS (SHEETROCK, PLYWOOD, PLASTIC), TO SEAL AREA FROM NON-WORK AREA OR IMPLEMENT CONTROL CLUBE METHOD (CART WITH PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH VACUUM PRIOR TO ENTRY) BEFORE CONSTRUCTION BEGINS. INSTALL CONSTRUCTION BARRIERS AND CEILING PROTECTION CAREFULLY. COORDINATE TIMING OF INSTALLATION WITH VA STAFF. 3. MAINTAIN NEGATIVE AIR PRESSURE, 0.01 INCHES OF WATER GAUGE, WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS AND CONTINUOUSLY MONITOR WITH A DIGITAL DISPLAY, RECORDING AND ALARM INSTRUMENT, WHICH MUST BE CALIBRATED ON INSTALLATION AND MAINTAINED WITH PERIODIC CALIBRATION AND MONITORED BY THE CONTRACTOR. USE HEPA 360 AIR SCRUBBER MACHINE OR EQUAL MACHINE FROM OTHER MANUFACTURER. 4. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. 5. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.	AS ABOVE AND: 1. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PHASE HAS BEEN INSPECTED BY THE COR OR GOVERNMENT DESIGNATED AUTHORITY AND THOROUGHLY CLEANED BY THE VA ENVIRONMENTAL SERVICES DEPARTMENT. 2. REMOVE CONSTRUCTION BARRIERS AND CEILING PROTECTION CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. COORDINATE TIMING OF REMOVAL WITH VA STAFF. 3. RETURN PERMIT TO THE COR.
CLASS IV	AS ABOVE AND: 1. SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY. 2. CONSTRUCT ANTEROOM AND REQUIRE ALL PERSONNEL TO PASS THROUGH THIS ROOM SO THEY CAN BE VACUUMED USING A HEPA VACUUM CLEANER BEFORE LEAVING WORK SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE. 3. ALL PERSONNEL ENTERING WORK SITE ARE REQUIRED TO WEAR SHOE COVERS. SHOE COVERS MUST BE CHANGED EACH TIME THE WORKER EXITS THE WORK AREA.	AS ABOVE



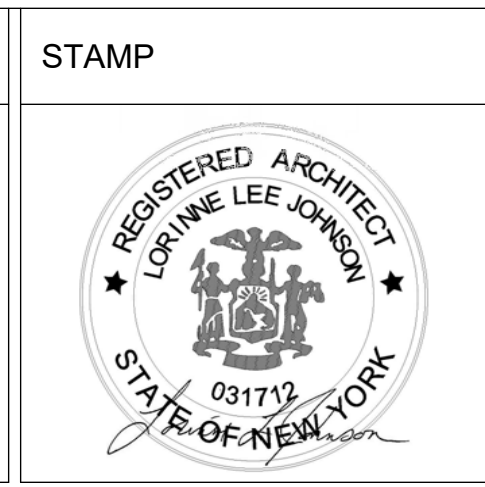
LOCATION KEY - BUILDING 1

REV. 0 ISSUED FOR CONSTRUCTION	08/24/22
Revisions:	Date

CONSULTANTS:

PATRIOT
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3610 LAWSON ROAD ★ JAMESTOWN, NY 14701
(716) 484 - 1366 (716) 484 - 1519 FAX



ARCHITECT/ENGINEERS:

D2X Associates

259 St. Ives Dr.
Talent, OR 97540

APPROVED BY: VJC DATE: 08/24/2022

Drawing Title
LIFE SAFETY AND ICRA PLANS - BASEMENT

Approved: Project Director

Project Title
UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS

Project Number
630A4-16-430

Building Number
1

Location
800 POLY PLACE, BROOKLYN NY 11209

Issue Date
08/24/2022

Checked
LLJ

Drawn
EHA

Drawing Number
18-01-BK

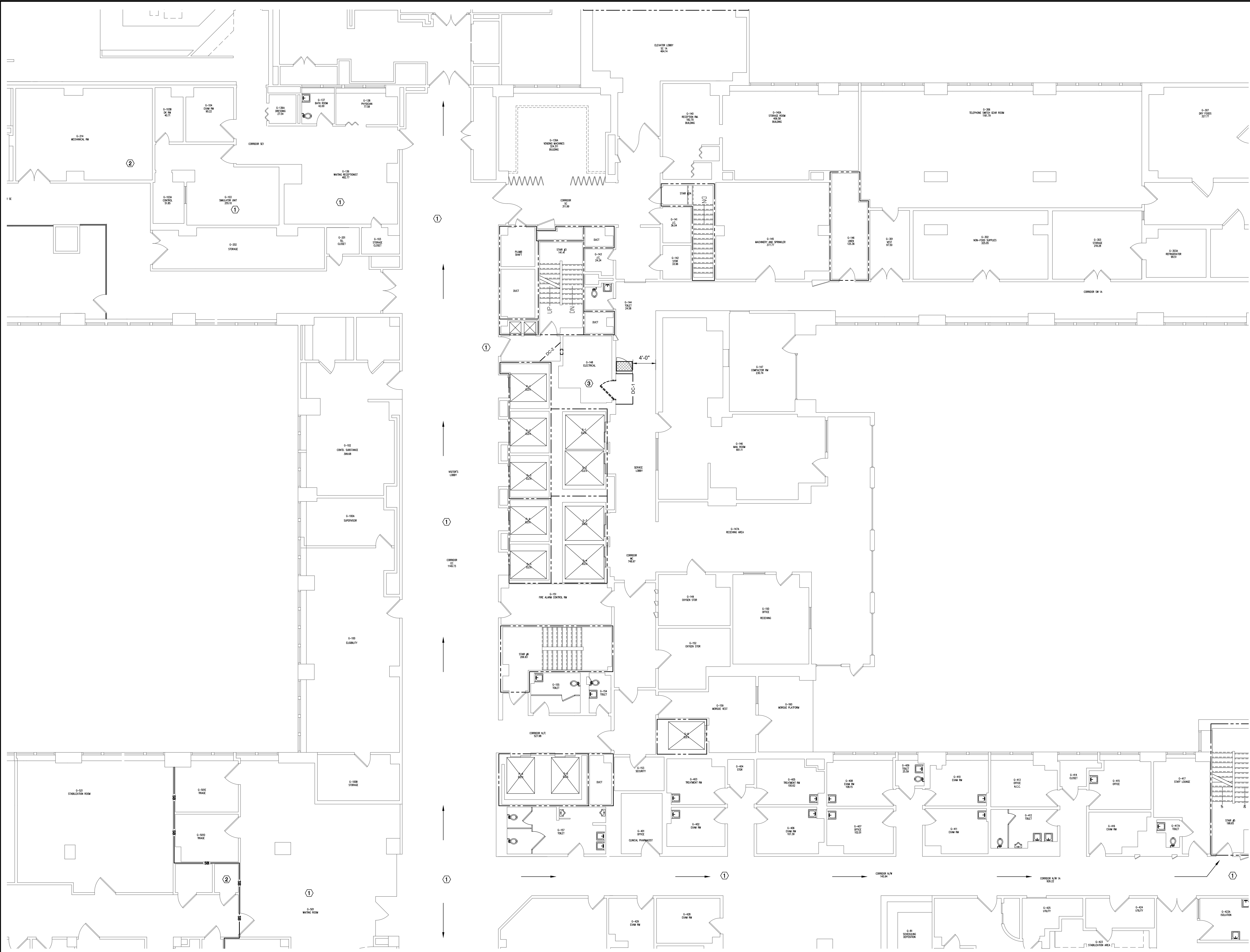
GI-003

Dwg. 3 of 91

Office of Construction and Facilities Management

Department of Veterans Affairs

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



GROUND FLOOR LIFE SAFETY AND ICRA PLAN
SCALE: 1/8" = 1'-0"



KEYED LIFE SAFETY AND ICRA NOTES:

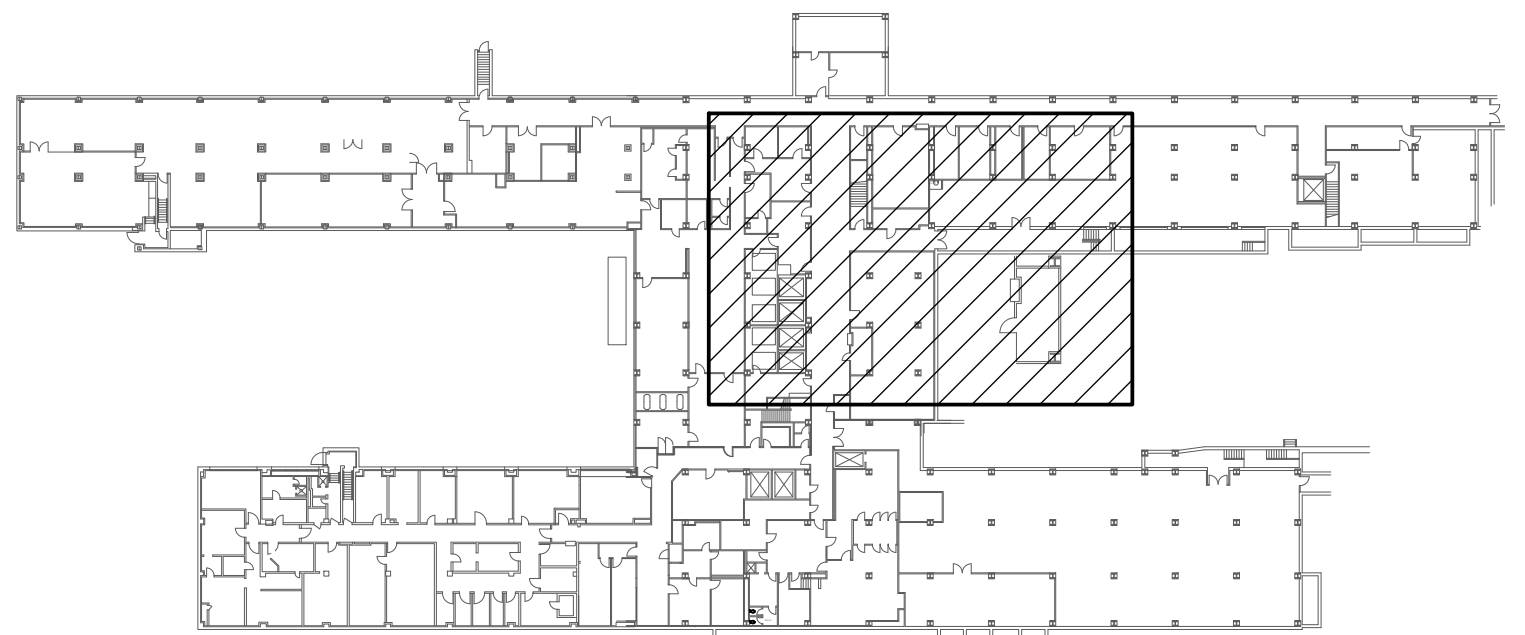
- ① CLASS II WORK ABOVE ACT SUSPENDED CEILING
- ② CLASS II WORK
- ③ CLASS III WORK
- ④ CLASS IV WORK

GENERAL LIFE SAFETY NOTES:

- NEVER COMPLETELY OBSTRUCT DOORS, CORRIDORS OR PATHWAYS TO EXITS. PERFORM WORK SO THAT SAFE AND CLEAR PASSAGE IS MAINTAINED AT ALL TIMES.
- EXISTING EXITS TO BE MAINTAINED DURING CONSTRUCTION. PROVIDE TEMPORARY PROTECTION AND TEMPORARY SIGNAGE AS REQUIRED TO MAINTAIN EGRESS AND SAFE PASSAGE FROM THE BUILDING.
- PROVIDE TEMPORARY PROTECTION FOR SPACES AND AREAS ABOVE AND BELOW AREAS OF DEMOLITION TO PROTECT PERSONS FROM PHYSICAL HAZARD AND BUILDING COMPONENTS, EQUIPMENT, ETC. FROM DAMAGE.
- PROVIDE TEMPORARY BARRIERS OR PARTITIONS TO PROTECT OCCUPANTS FROM PHYSICAL HAZARD, NOISE OF ALL DEMOLITION WORK, AND AS REQUIRED FOR INFECTION CONTROL.
- PROVIDE DUST CONTROL BARRIERS WHERE SHOWN. ALL WORK LOCATIONS SHALL BE PROVIDED WITH HEPA AIR SCRUBBER UNITS AND WALK-OFF MATS.
- THE LOCATION OF CONSTRUCTION DOORS IN CONSTRUCTION BARRIERS TO BE VERIFIED BY THE CONTRACTOR, WITH PRIOR APPROVAL FROM THE COR.
- COORDINATE DEMOLITION OF AREAS WITH PHASING PLANS TO CAREFULLY INTEGRATE WITH EXISTING CONSTRUCTION TO REMAIN FOR EACH PHASE AND UPON COMPLETION OF FINAL PHASE WITH MINIMAL DISRUPTION OF BUILDING OPERATIONS.
- REFER TO SPECIFICATION SECTION 01 35 26, SAFETY REQUIREMENTS AND ICRA MATRIX, SHEET GI-003, FOR DETAILED INSTRUCTIONS ON LIFE SAFETY AND ICRA MEASURES.
- DO NOT IMPAIR EXISTING FIRE PROTECTION SYSTEMS AND COMPONENTS. COORDINATE ANY TEMPORARY IMPAIRMENTS NECESSARY FOR WORK WITH COR. PROVIDE FIRE WATCH ACCORDING TO SECTION 01 35 26, SAFETY REQUIREMENTS, 1.14 FIRE SAFETY FOR ALL NECESSARY IMPAIRMENTS TO ANY SYSTEM COMPONENTS.
- REFER TO SHEET GI-002 FOR GENERAL PROJECT NOTES.
- CONTRACTOR SHALL TEMPORARILY COVER ANY EXISTING EXIT SIGNS WHICH DIRECT OCCUPANTS TOWARD TEMPORARY DUST CONTROL BARRIERS WHICH CUT OFF ACCESS TO EXITS. PROVIDE TEMPORARY EXIT SIGNAGE TOWARD ALTERNATE PATH. COORDINATE ALTERNATE PATH WITH VA COR.

LEGEND:

- WALK-OFF (TACKY) MAT
- DC-1 1-HOUR RATED DUST CONTROL BARRIER. REFER TO DETAIL 104-006. PROVIDE SELF-CLOSING 1-HOUR FIRE RATED SOLID CORE WOOD DOOR IN STEEL FRAME WITH CLASSROOM LOCK FUNCTION.
- DC-2 PROVIDE ZIP WALL OR OTHER VA APPROVED PLASTIC DUST CONTROL BARRIER SYSTEM. COMPLETE WITH ALL REQUIRED MOUNTING POLES, FOAM SEALS, ZIPPER ENTRANCE DOORS, ETC. SEAL ENTIRE PERIMETER AT WALLS, CEILING AND FLOOR.
- EXISTING 2 HOUR FIRE BARRIER
- EGRESS PATH
- SB EXISTING COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER PARTITION



LOCATION KEY - BUILDING 1

CONSULTANTS:		STAMP	ARCHITECT/ENGINEERS:	APPROVED BY: VJC	DATE: 08/24/2022	Drawing Title	Project Title	Project Number	Office of Construction and Facilities Management Department of Veterans Affairs	
 3610 LAWSON ROAD ★ JAMESTOWN, NY 14701 (716) 484 - 1366 (716) 484 - 1519 FAX			 259 St. Ives Dr. Talent, OR 97540			LIFE SAFETY AND ICRA PLANS - GROUND FLOOR	UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS	630A4-16-430		
REV. 0 ISSUED FOR CONSTRUCTION Revisions: 08/24/22 Date						Approved: Project Director	Location 800 POLY PLACE, BROOKLYN NY 11209	Building Number 1		
							Issue Date 08/24/2022	Checked LLJ	Drawn EHA	Drawing Number 18-01-BK GI-004 Dwg. 4 of 91

KEYED LIFE SAFETY AND ICRA NOTES:

- ① CLASS II WORK ABOVE ACT SUSPENDED CEILING
② CLASS II WORK
③ CLASS III WORK
④ CLASS IV WORK

GENERAL LIFE SAFETY NOTES:

- NEVER COMPLETELY OBSTRUCT DOORS, CORRIDORS OR PATHWAYS TO EXITS. PERFORM WORK SO THAT SAFE AND CLEAR PASSAGE IS MAINTAINED AT ALL TIMES.
- EXISTING EXITS TO BE MAINTAINED DURING CONSTRUCTION. PROVIDE TEMPORARY PROTECTION AND TEMPORARY SIGNAGE AS REQUIRED TO MAINTAIN EGRESS AND SAFE PASSAGE FROM THE BUILDING.
- PROVIDE TEMPORARY PROTECTION FOR SPACES AND AREAS ABOVE AND BELOW AREAS OF DEMOLITION TO PROTECT PERSONS FROM PHYSICAL HAZARD AND BUILDING COMPONENTS, EQUIPMENT, ETC. FROM DAMAGE.
- PROVIDE TEMPORARY BARRIERS OR PARTITIONS TO PROTECT OCCUPANTS FROM PHYSICAL HAZARD, NOISE OF ALL DEMOLITION WORK, AND AS REQUIRED FOR INFECTION CONTROL.
- PROVIDE DUST CONTROL BARRIERS WHERE SHOWN. ALL WORK LOCATIONS SHALL BE PROVIDED WITH HEPA AIR SCRUBBER UNITS AND WALK-OFF MATS.
- THE LOCATION OF CONSTRUCTION DOORS IN CONSTRUCTION BARRIERS TO BE VERIFIED BY THE CONTRACTOR, WITH PRIOR APPROVAL FROM THE COR.
- COORDINATE DEMOLITION OF AREAS WITH PHASING PLANS TO CAREFULLY INTEGRATE WITH EXISTING CONSTRUCTION TO REMAIN FOR EACH PHASE AND UPON COMPLETION OF FINAL PHASE WITH MINIMAL DISRUPTION OF BUILDING OPERATIONS.
- REFER TO SPECIFICATION SECTION 01 35 26, SAFETY REQUIREMENTS AND ICRA MATRIX, SHEET GI-003, FOR DETAILED INSTRUCTIONS ON LIFE SAFETY AND ICRA MEASURES.
- DO NOT IMPAIR EXISTING FIRE PROTECTION SYSTEMS AND COMPONENTS. COORDINATE ANY TEMPORARY IMPAIRMENTS NECESSARY FOR WORK WITH COR. PROVIDE FIRE WATCH ACCORDING TO SECTION 01 35 26, SAFETY REQUIREMENTS, 1.14 FIRE SAFETY FOR ALL NECESSARY IMPAIRMENTS TO ANY SYSTEM COMPONENTS.
- REFER TO SHEET GI-002 FOR GENERAL PROJECT NOTES.
- CONTRACTOR SHALL TEMPORARILY COVER ANY EXISTING EXIT SIGNS WHICH DIRECT OCCUPANTS TOWARD TEMPORARY DUST CONTROL BARRIERS WHICH CUT OFF ACCESS TO EXITS. PROVIDE TEMPORARY EXIT SIGNAGE TOWARD ALTERNATE PATH. COORDINATE ALTERNATE PATH WITH VA COR.

LEGEND:

- WALK-OFF (TACKY) MAT
- DC-1 1-HOUR RATED DUST CONTROL BARRIER, REFER TO DETAIL 1/GI-006. PROVIDE SELF-CLOSING 1-HOUR FIRE RATED SOLID CORE WOOD DOOR IN STEEL FRAME WITH CLASSROOM LOCK FUNCTION.
- DC-2 PROVIDE ZIP WALL OR OTHER VA APPROVED PLASTIC DUST CONTROL BARRIER SYSTEM, COMPLETE WITH ALL REQUIRED MOUNTING POLES, FOAM SEALS, ZIPPER ENTRANCE DOORS, ETC. SEAL ENTIRE PERIMETER AT WALLS, CEILING AND FLOOR.
- EXISTING 2 HOUR FIRE BARRIER
- EGRESS PATH

ENLARGED ICRA PLAN
SCALE: 1/4" = 1'-0"

LOCATION KEY - BUILDING 1

FIRST FLOOR LIFE SAFETY AND ICRA PLAN
SCALE: 1/8" = 1'-0"

CONSULTANTS:

PATRIOT
DESIGN & CONSULTING
STILL SERVING

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(716) 484 - 1366 (716) 484 - 1519 FAX

STAMP



ARCHITECT/ENGINEERS:

D2X Associates
259 St. Ives Dr.
Talent, OR 97540

APPROVED BY: VJC

DATE: 08/24/2022

Drawing Title

LIFE SAFETY AND ICRA PLANS -
FIRST FLOOR

Approved: Project Director

Project Title
UPGRADE LIFE SAFETY/CRITICAL BRANCH
ELECTRIC DISTRIBUTION,
NY HARBOR HEALTHCARE CENTER
VA BROOKLYN CAMPUS

Location
800 POLY PLACE, BROOKLYN NY 11209

Issue Date
08/24/2022

Checked
LLJ

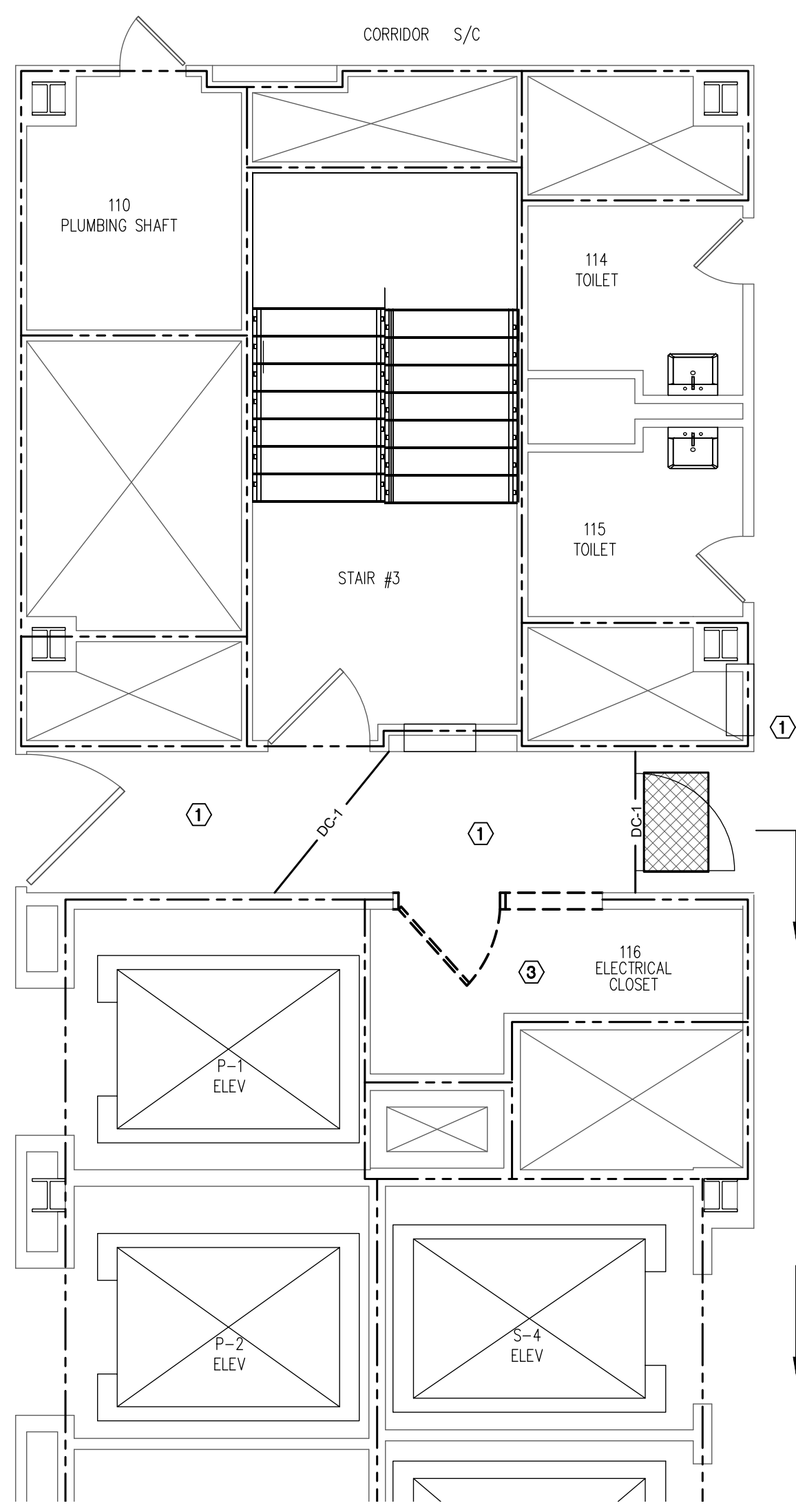
Drawn
EHA

Project Number
630A4-16-430
Building Number
1

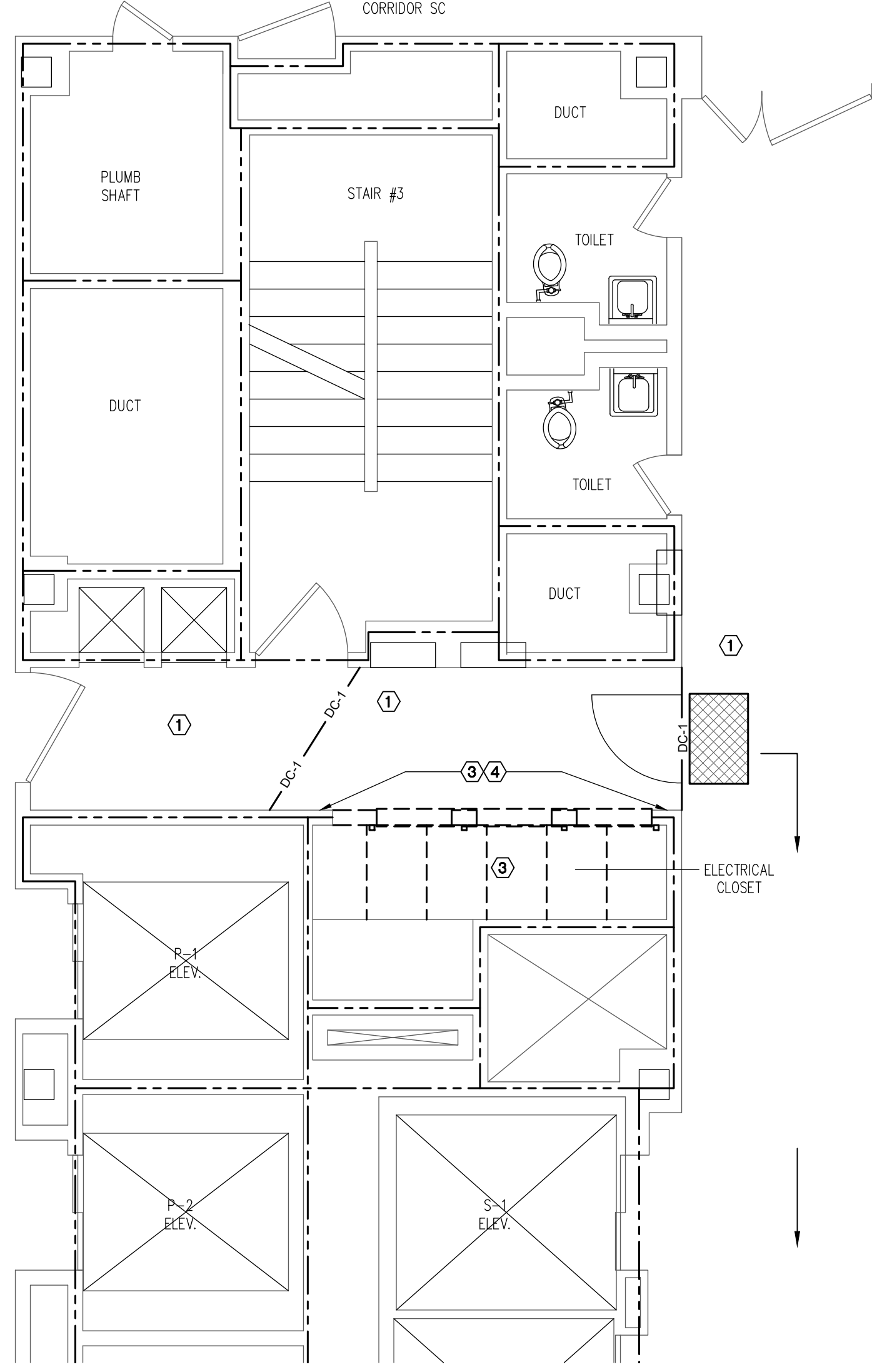
Drawing Number
18-01-BK
GI-005
Dwg. 5 of 91

Office of
Construction
and Facilities
Management

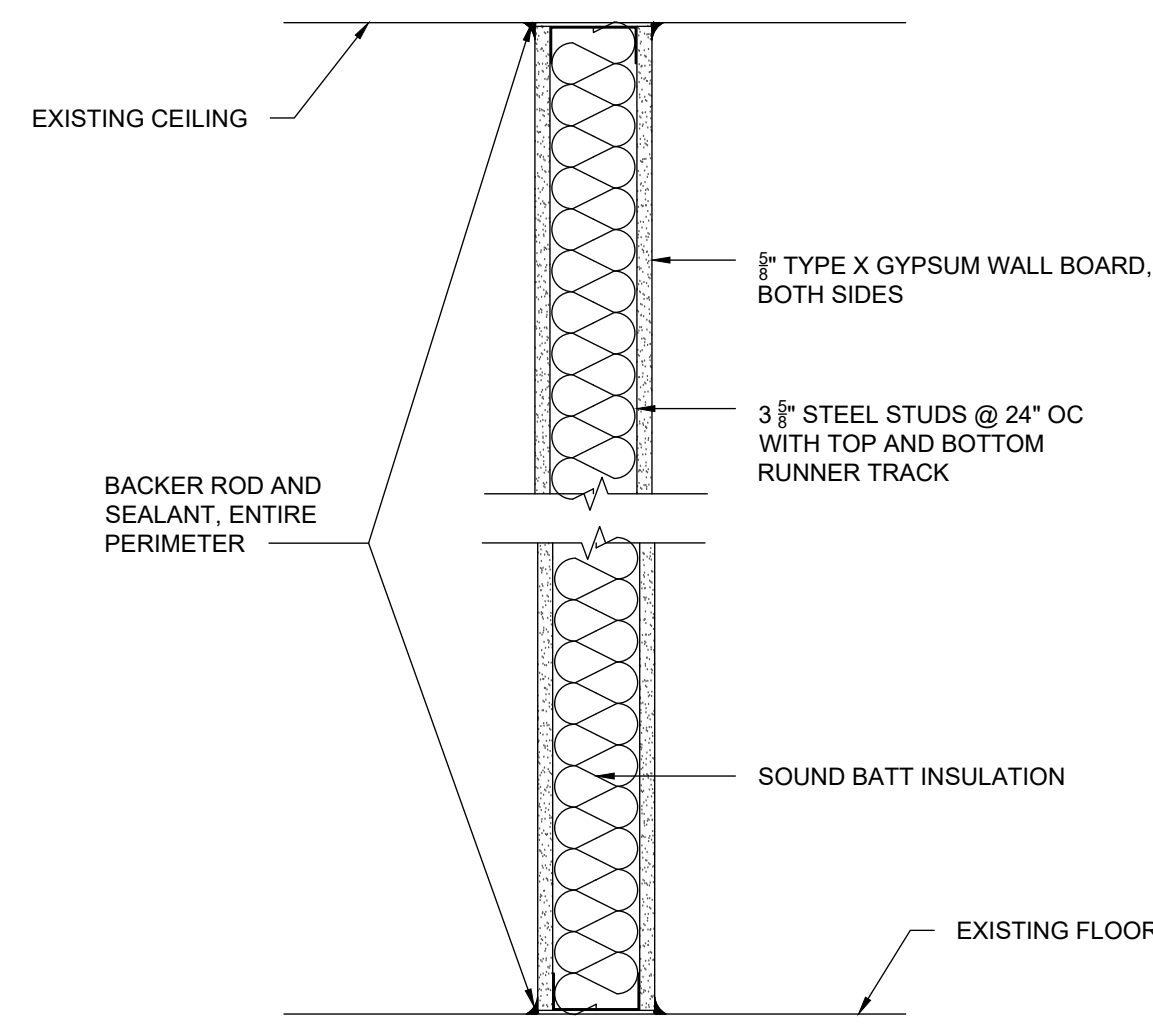




SECOND - TWELFTH FLOOR
LIFE SAFETY AND ICRA PLAN
SCALE: 1/4" = 1'-0"



THIRTEENTH - SIXTEENTH FLOOR
LIFE SAFETY AND ICRA PLAN
SCALE: 1/4" = 1'-0"



1
G-006 1-HOUR RATED DUST CONTROL BARRIER
SCALE: 1 1/2" = 1'-0" UL DESIGN NO. U419

KEYED LIFE SAFETY AND ICRA NOTES:

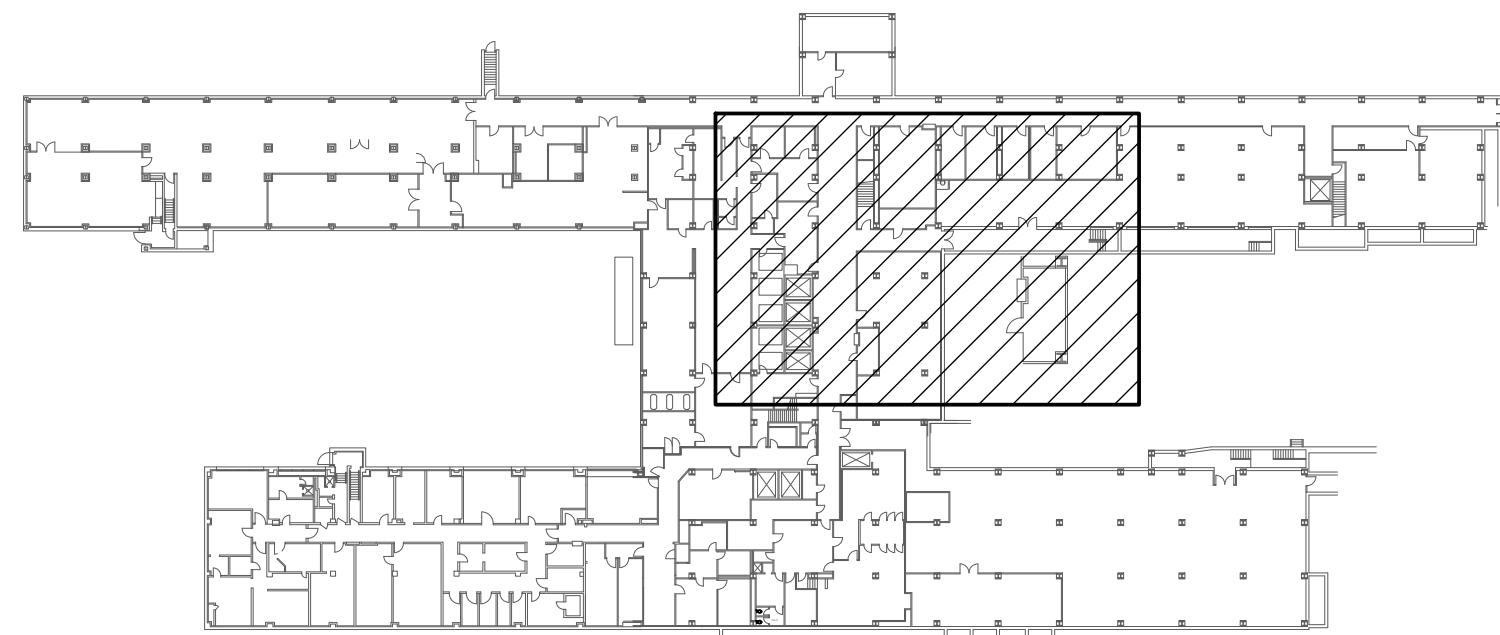
- ① CLASS II WORK ABOVE ACT SUSPENDED CEILING
- ② CLASS II WORK
- ③ CLASS III WORK
- ④ CLASS IV WORK

GENERAL LIFE SAFETY NOTES:

- NEVER COMPLETELY OBSTRUCT DOORS, CORRIDORS OR PATHWAYS TO EXITS. PERFORM WORK SO THAT SAFE AND CLEAR PASSAGE IS MAINTAINED AT ALL TIMES.
- EXISTING EXITS TO BE MAINTAINED DURING CONSTRUCTION. PROVIDE TEMPORARY PROTECTION AND TEMPORARY SIGNAGE AS REQUIRED TO MAINTAIN EGRESS AND SAFE PASSAGE FROM THE BUILDING.
- PROVIDE TEMPORARY PROTECTION FOR SPACES AND AREAS ABOVE AND BELOW AREAS OF DEMOLITION TO PROTECT PERSONS FROM PHYSICAL HAZARD AND BUILDING COMPONENTS, EQUIPMENT, ETC. FROM DAMAGE.
- PROVIDE TEMPORARY BARRIERS OR PARTITIONS TO PROTECT OCCUPANTS FROM PHYSICAL HAZARD, NOISE OF ALL DEMOLITION WORK, AND AS REQUIRED FOR INFECTION CONTROL.
- PROVIDE DUST CONTROL BARRIERS WHERE SHOWN. ALL WORK LOCATIONS SHALL BE PROVIDED WITH HEPA AIR SCRUBBER UNITS AND WALK-OFF MATS.
- THE LOCATION OF CONSTRUCTION DOORS IN CONSTRUCTION BARRIERS TO BE VERIFIED BY THE CONTRACTOR, WITH PRIOR APPROVAL FROM THE COR.
- COORDINATE DEMOLITION OF AREAS WITH PHASING PLANS TO CAREFULLY INTEGRATE WITH EXISTING CONSTRUCTION TO REMAIN FOR EACH PHASE AND UPON COMPLETION OF FINAL PHASE WITH MINIMAL DISRUPTION OF BUILDING OPERATIONS.
- REFER TO SPECIFICATION SECTION 01 35 26, SAFETY REQUIREMENTS AND ICRA MATRIX, SHEET GI-003, FOR DETAILED INSTRUCTIONS ON LIFE SAFETY AND ICRA MEASURES.
- DO NOT IMPAIR EXISTING FIRE PROTECTION SYSTEMS AND COMPONENTS. COORDINATE ANY TEMPORARY IMPAIRMENTS NECESSARY FOR WORK WITH COR. PROVIDE FIRE WATCH ACCORDING TO SECTION 01 35 26, SAFETY REQUIREMENTS, 1.14 FIRE SAFETY FOR ALL NECESSARY IMPAIRMENTS TO ANY SYSTEM COMPONENTS.
- REFER TO SHEET GI-002 FOR GENERAL PROJECT NOTES.
- CONTRACTOR SHALL TEMPORARILY COVER ANY EXISTING EXIT SIGNS WHICH DIRECT OCCUPANTS TOWARD TEMPORARY DUST CONTROL BARRIERS WHICH CUT OFF ACCESS TO EXITS. PROVIDE TEMPORARY EXIT SIGNAGE TOWARD ALTERNATE PATH. COORDINATE ALTERNATE PATH WITH VA COR.

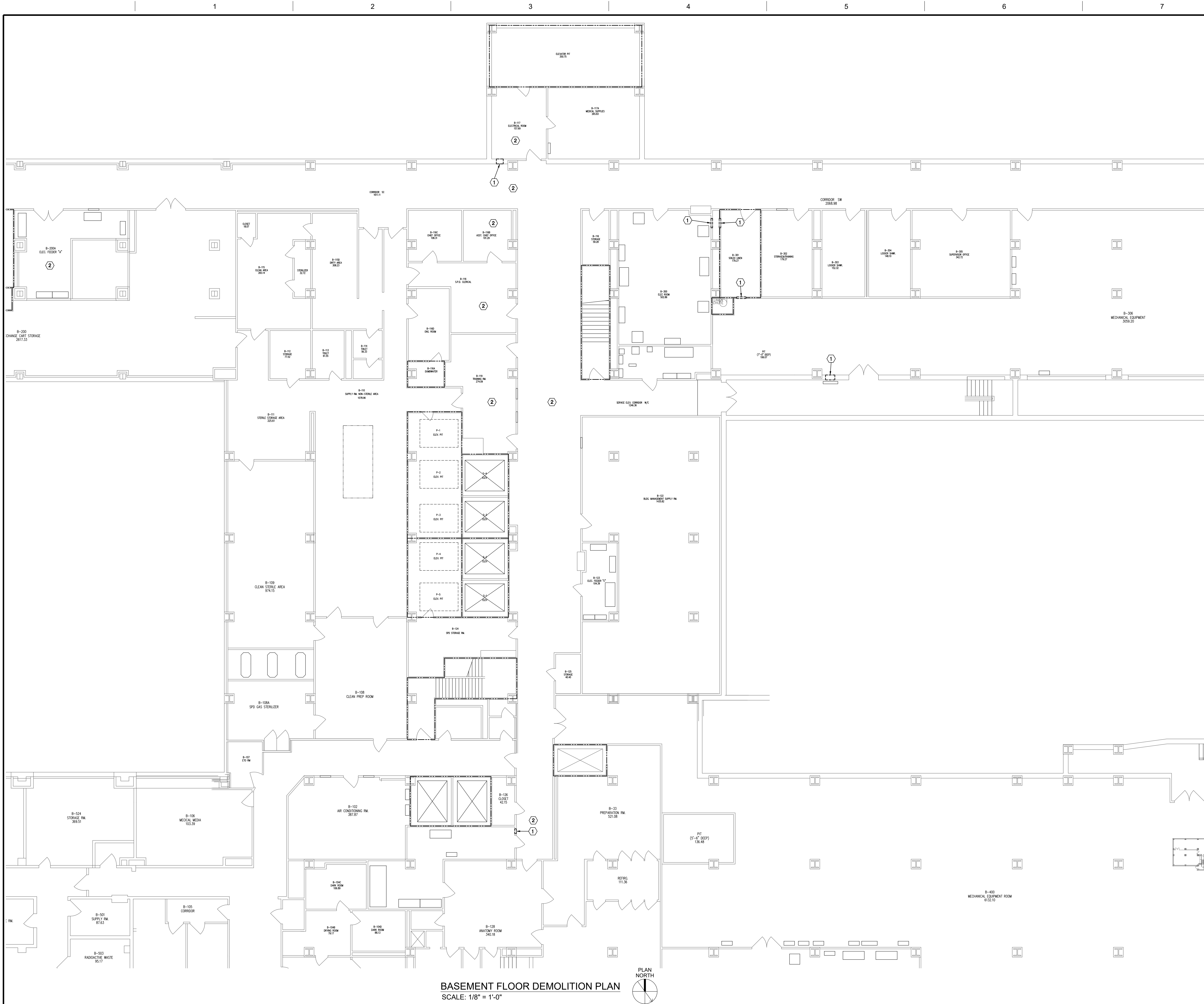
LEGEND:

- WALK-OFF (TACKY) MAT
- DC-1 1-HOUR RATED DUST CONTROL BARRIER, REFER TO DETAIL 1/GI-006. PROVIDE SELF-CLOSING 1-HOUR FIRE RATED SOLID CORE WOOD DOOR IN STEEL FRAME WITH CLASSROOM LOCK FUNCTION.
- DC-2 PROVIDE ZIP WALL OR OTHER VA APPROVED PLASTIC DUST CONTROL BARRIER SYSTEM. COMPLETE WITH ALL REQUIRED MOUNTING POLES, FOAM SEALS, ZIPPER ENTRANCE DOORS, ETC. SEAL ENTIRE PERIMETER AT WALLS, CEILING AND FLOOR.
- EXISTING 2 HOUR FIRE BARRIER
- EGRESS PATH



LOCATION KEY - BUILDING 1

CONSULTANTS:		STAMP	ARCHITECT/ENGINEERS:	APPROVED BY: VJC	DATE: 08/24/2022	Drawing Title	Project Title	Project Number	Office of Construction and Facilities Management
				259 St. Ives Dr. Talent, OR 97540		LIFE SAFETY AND ICRA PLANS - SECOND - SIXTEENTH FLOORS	UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS	630A4-16-430	
3610 LAWSON ROAD ★ JAMESTOWN, NY 14701 (716) 484 - 1366 (716) 484 - 1519 FAX						Approved: Project Director	Location 800 POLY PLACE, BROOKLYN NY 11209	Drawing Number 18-01-BK	
REV. 0 ISSUED FOR CONSTRUCTION Revisions:						Issue Date 08/24/2022	Checked LLJ	Drawn EHA	



KEYED DEMOLITION PLAN NOTES:

① SAW CUT HOLE IN EXISTING MASONRY WALL, SIZE AS REQUIRED TO ACCOMMODATE NEW PIPING OR CONDUIT. PROVIDE PIPE SLEEVE AND/OR FIREPROOFING AS REQUIRED TO MAINTAIN EXISTING FIRE RATING.

② PROVIDE ALL MATERIAL AND LABOR TO REMOVE EXISTING ACOUSTICAL CEILING TILES FROM EXISTING SUSPENDED GRID TO EXTENT REQUIRED TO FACILITATE SPECIFIED ABOVE CEILING MECHANICAL AND ELECTRICAL WORK IN THIS AREA. PROTECT REMOVED TILES AND RE-INSTALL DAILY. REPLACE ANY TILES DAMAGED DURING SPECIFIED WORK WITH NEW TILES TO MATCH EXISTING.

GENERAL DEMOLITION NOTES:

1. REFER TO MECHANICAL DRAWING MD-101 FOR MECHANICAL BASEMENT LEVEL DEMOLITION WORK.

2. REFER TO ELECTRICAL DRAWING EP-101 FOR ELECTRICAL BASEMENT LEVEL DEMOLITION WORK.

3. ICRA AND LIFE SAFETY REQUIREMENTS NOT SHOWN FOR CLARITY. REFER TO LIFE SAFETY AND ICRA PLANS, SHEETS GI-003 THROUGH GI-006 AND SPECIFICATION 01 35 26, SAFETY REQUIREMENTS FOR DUST CONTROL BARRIER REQUIREMENTS.

4. ALL CEILING TILES REMOVED FOR ABOVE CEILING WORK ARE TO BE RE-INSTALLED ON A DAILY BASIS.

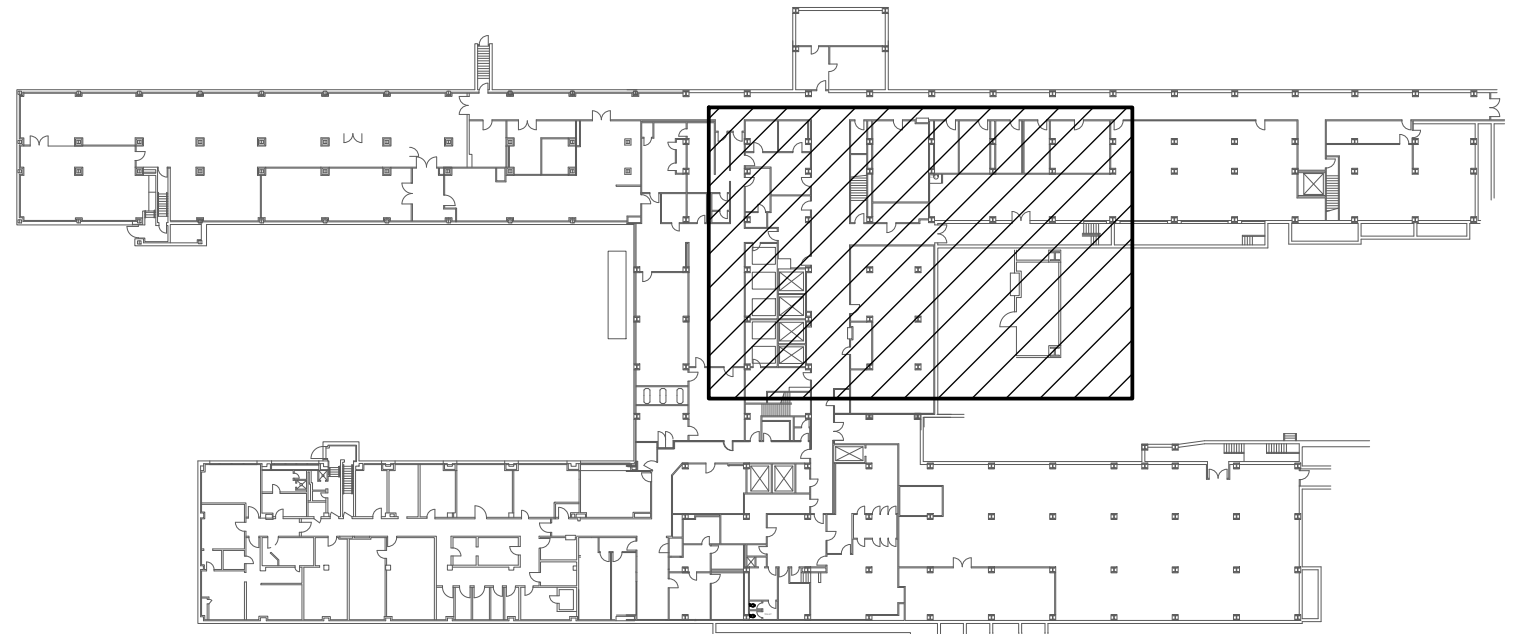
5. ALL DEMOLITION WORK SPECIFIED FOR THE EXISTING DUMB WAITER SHAFT SHALL BE PERFORMED DURING EVENING AND WEEKEND HOURS. COORDINATE DEMOLITION SCHEDULE WITH VA COR.

SYMBOLS LEGEND:

(X) KEYED DEMOLITION NOTE

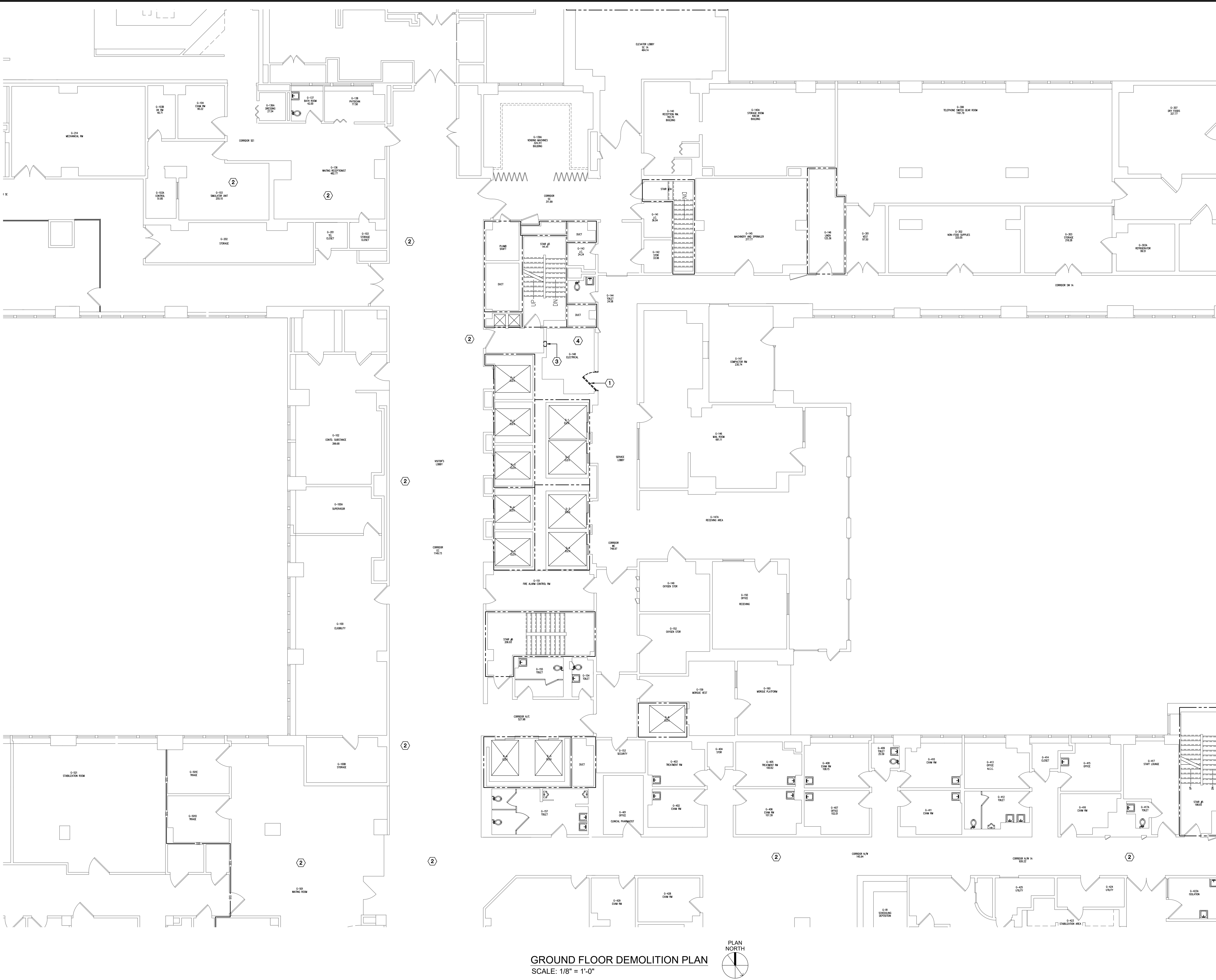
(DASHED) EXISTING WALL TO BE REMOVED

----- EXISTING 2-HOUR FIRE RATED BARRIER



LOCATION KEY - BUILDING 1

CONSULTANTS:		ARCHITECT/ENGINEERS:		APPROVED BY: VJC		DATE: 08/24/2022		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management Department of Veterans Affairs	
 3610 LAWSON ROAD ★ JAMESTOWN, NY 14701 (716) 484 - 1366 (716) 484 - 1519 FAX		 259 St. Ives Dr. Talent, OR 97540		ARCHITECTURAL DEMOLITION FLOOR PLANS - BASEMENT		Approved: Project Director		800 POLY PLACE, BROOKLYN NY 11209		UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS		630A4-16-430 Building Number 1			
REV. 0 ISSUED FOR CONSTRUCTION		08/24/22		08/24/2022		LLJ		EHA		18-01-BK AD-101		Dwg. 7 of 91			



KEYED DEMOLITION PLAN NOTES:

- 1 DEMOLISH AND REMOVE EXISTING HM DOOR AND FRAME COMPLETE, INCLUDING ALL ASSOCIATED HARDWARE AND ANCHORS.
- 2 PROVIDE ALL MATERIAL AND LABOR TO REMOVE EXISTING ACOUSTICAL CEILING TILES FROM EXISTING SUSPENDED GRID TO EXTENT REQUIRED TO FACILITATE SPECIFIED ABOVE CEILING ELECTRICAL WORK IN THIS AREA. PROTECT REMOVED TILES AND RE-INSTALL DAILY. REPLACE ANY TILES DAMAGED DURING SPECIFIED WORK WITH NEW TILES TO MATCH EXISTING.
- 3 SAW CUT HOLE IN EXISTING MASONRY WALL, SIZE AS REQUIRED TO ACCOMMODATE NEW PIPING OR CONDUIT. PROVIDE PIPE SLEEVE AND/OR FIREPROOFING AS REQUIRED TO MAINTAIN EXISTING FIRE RATING.
- 4 DEMOLISH AND REMOVE EXISTING QUARRY TILE FLOORING COMPLETE.

GENERAL DEMOLITION NOTES:

1. REFER TO ELECTRICAL DRAWING EP-102 FOR GROUND FLOOR ELECTRICAL DEMOLITION WORK.
2. ICRA AND LIFE SAFETY REQUIREMENTS NOT SHOWN FOR CLARITY. REFER TO LIFE SAFETY AND ICRA PLANS, SHEETS GH-003 THROUGH GH-006 AND SPECIFICATION 01 55 26, SAFETY REQUIREMENTS FOR DUST CONTROL BARRIER REQUIREMENTS.
3. ALL CEILING TILES REMOVED FOR ABOVE CEILING WORK ARE TO BE RE-INSTALLED ON A DAILY BASIS.
4. ALL DEMOLITION WORK SPECIFIED FOR THE EXISTING DUMB WAITER SHAFT SHALL BE PERFORMED DURING EVENING AND WEEKEND HOURS. COORDINATE DEMOLITION SCHEDULE WITH VA COR.

SYMBOLS LEGEND:

- (X) KEYED DEMOLITION NOTE
- (DASHED) EXISTING WALL TO BE REMOVED
- EXISTING 2-HOUR FIRE RATED BARRIER
- SB EXISTING COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER PARTITION

LOCATION KEY - BUILDING 1

		CONSULTANTS:		STAMP		ARCHITECT/ENGINEERS:		APPROVED BY: VJC		DATE: 08/24/2022		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management	
		 3610 LAWSON ROAD ★ JAMESTOWN, NY 14701 (716) 484 - 1366 (716) 484 - 1519 FAX				 259 St. Ives Dr. Talent, OR 97540						ARCHITECTURAL DEMOLITION FLOOR PLANS - GROUND FLOOR		UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS		630A4-16-430			
												Approved: Project Director		Location		Drawing Number			
														800 POLY PLACE, BROOKLYN NY 11209		18-01-BK			
REV. 0 ISSUED FOR CONSTRUCTION		08/24/22												Issue Date		Checked		Drawn	
Revisions: 0		Date												08/24/2022		LLJ		EHA	
																		AD-102	
																		Dwg. 8 of 91	
																		 Department of Veterans Affairs	

KEYED DEMOLITION PLAN NOTES:

- DEMOLISH AND REMOVE EXISTING DOOR, DOOR FRAME, MASONRY ANCHORS, DOOR HARDWARE AND ALL OTHER ITEMS ASSOCIATED WITH EXISTING DOOR.
- SAW CUT AND REMOVE PORTION OF EXISTING CMU WALL.
- DEMOLISH AND REMOVE GYPSUM WALL BOARD FINISH INCLUDING ALL ASSOCIATED FURRING AND OTHER ITEMS. CLEAN AND REPAIR REMAINING CMU SURFACE. PAINT AS SPECIFIED.
- PROVIDE ALL MATERIAL AND LABOR TO REMOVE EXISTING ACOUSTICAL CEILING TILES FROM EXISTING SUSPENDED GRID TO EXTENT REQUIRED TO FACILITATE SPECIFIED ABOVE CEILING ELECTRICAL WORK IN THIS AREA. PROTECT REMOVED TILES AND RE-INSTALL DAILY. REPLACE ANY TILES DAMAGED DURING SPECIFIED WORK WITH NEW TILES TO MATCH EXISTING.
- EXISTING ELECTRIC PANEL TO REMAIN. PROTECT FROM DUST AND DAMAGE AT ALL TIMES DURING CONSTRUCTION.

GENERAL DEMOLITION NOTES:

- REFER TO MECHANICAL DRAWING MD-102 FOR ADDITIONAL DEMOLITION WORK.
- REFER TO ELECTRICAL DRAWING EP-103 FOR FIRST FLOOR ELECTRICAL DEMOLITION WORK.
- ICRA AND LIFE SAFETY REQUIREMENTS NOT SHOWN FOR CLARITY. REFER TO LIFE SAFETY AND ICRA PLANS, SHEETS GI-003 THROUGH GI-006 AND SPECIFICATION 01 35 26, SAFETY REQUIREMENTS FOR DUST CONTROL BARRIER REQUIREMENTS.
- ALL CEILING TILES REMOVED FOR ABOVE CEILING WORK ARE TO BE RE-INSTALLED ON A DAILY BASIS.
- ALL DEMOLITION WORK SPECIFIED FOR THE EXISTING DUMB WAITER SHAFT SHALL BE PERFORMED DURING EVENING AND WEEKEND HOURS. COORDINATE DEMOLITION SCHEDULE WITH VA COR.

SYMBOLS LEGEND:

- (X) KEYED DEMOLITION NOTE
- (DASHED) EXISTING WALL TO BE REMOVED
- EXISTING 2-HOUR FIRE RATED BARRIER

ENLARGED PARTIAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

LOCATION KEY - BUILDING 1

FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

CONSULTANTS:

PATRIOT
DESIGN & CONSULTING
STILL SERVING

3610 LAWSON ROAD ★ JAMESTOWN, NY 14701
(716) 484 - 1366 (716) 484 - 1519 FAX

STAMP



ARCHITECT/ENGINEERS:

D2X Associates
259 St. Ives Dr.
Talent, OR 97540

APPROVED BY: VJC

DATE: 08/24/2022

Drawing Title
**ARCHITECTURAL DEMOLITION
FLOOR PLANS - FIRST FLOOR**

Approved: Project Director

Project Title
UPGRADE LIFE SAFETY CRITICAL BRANCH
ELECTRIC DISTRIBUTION,
NY HARBOR HEALTHCARE CENTER
VA BROOKLYN CAMPUS

Location
800 POLY PLACE, BROOKLYN NY 11209

Issue Date
08/24/2022

Checked
LLJ

Drawn
EHA

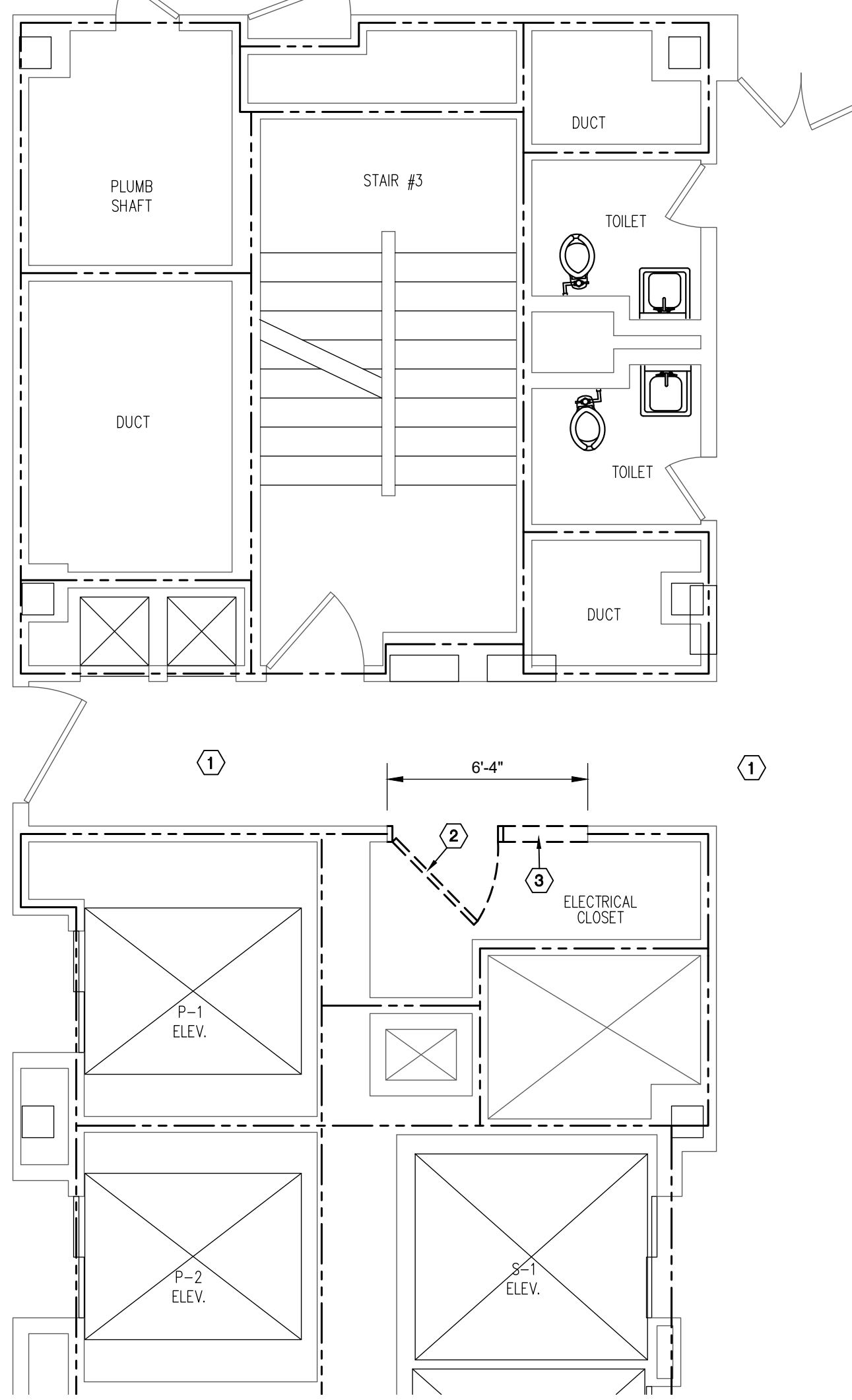
Project Number
630A4-16-430

Building Number
1

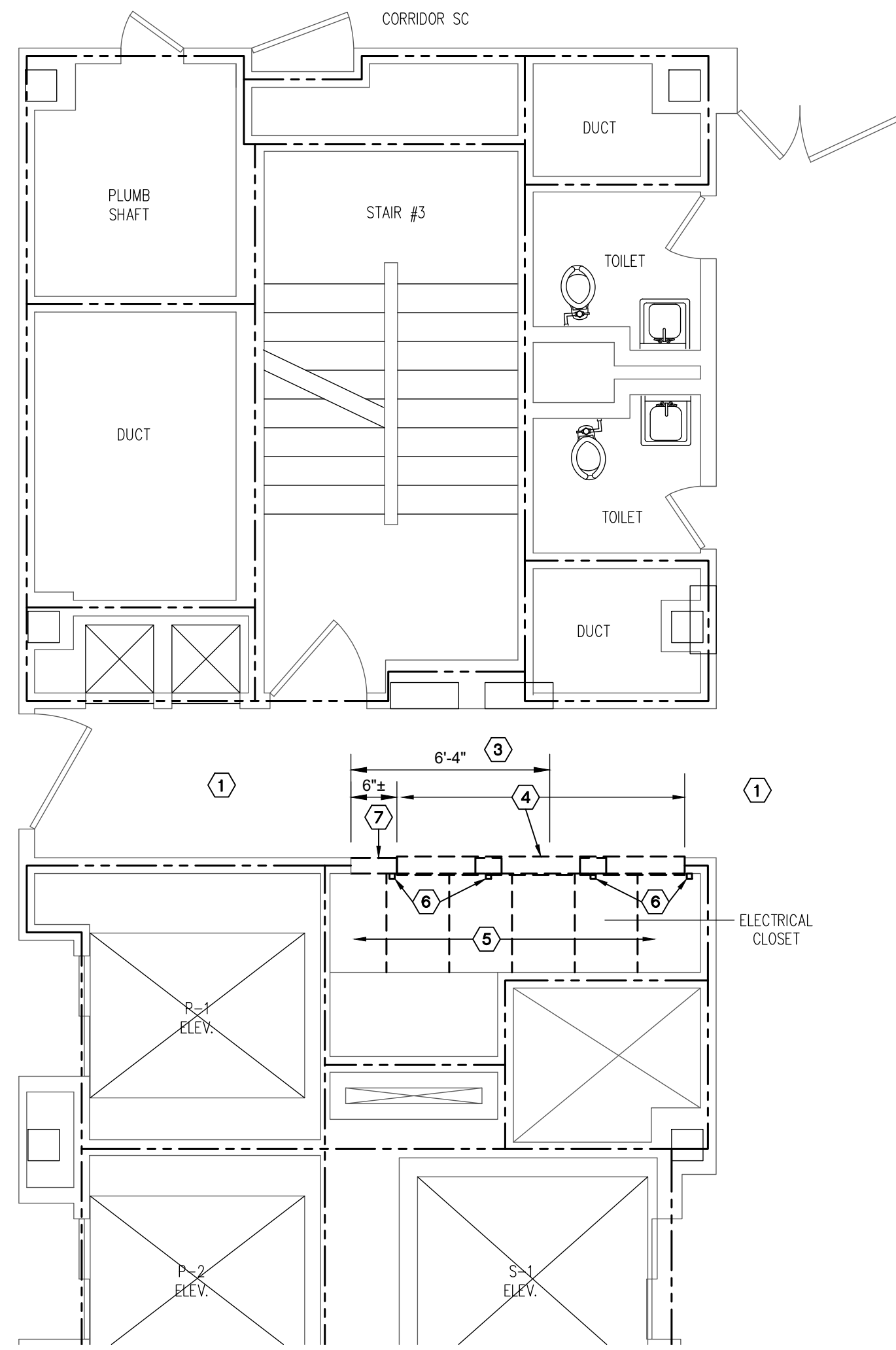
Drawing Number
**18-01-BK
AD-103**
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Office of
Construction
and Facilities
Management

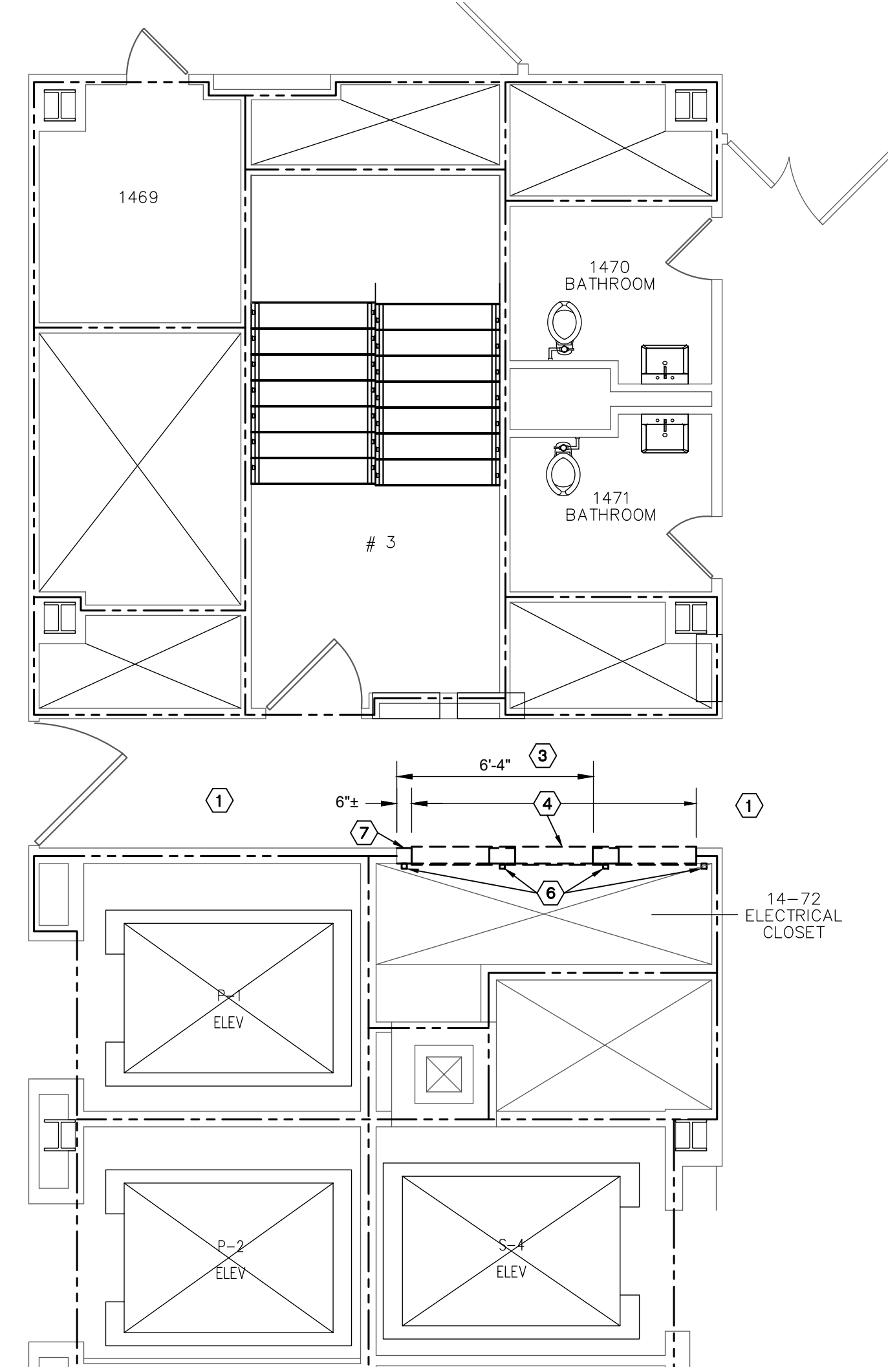




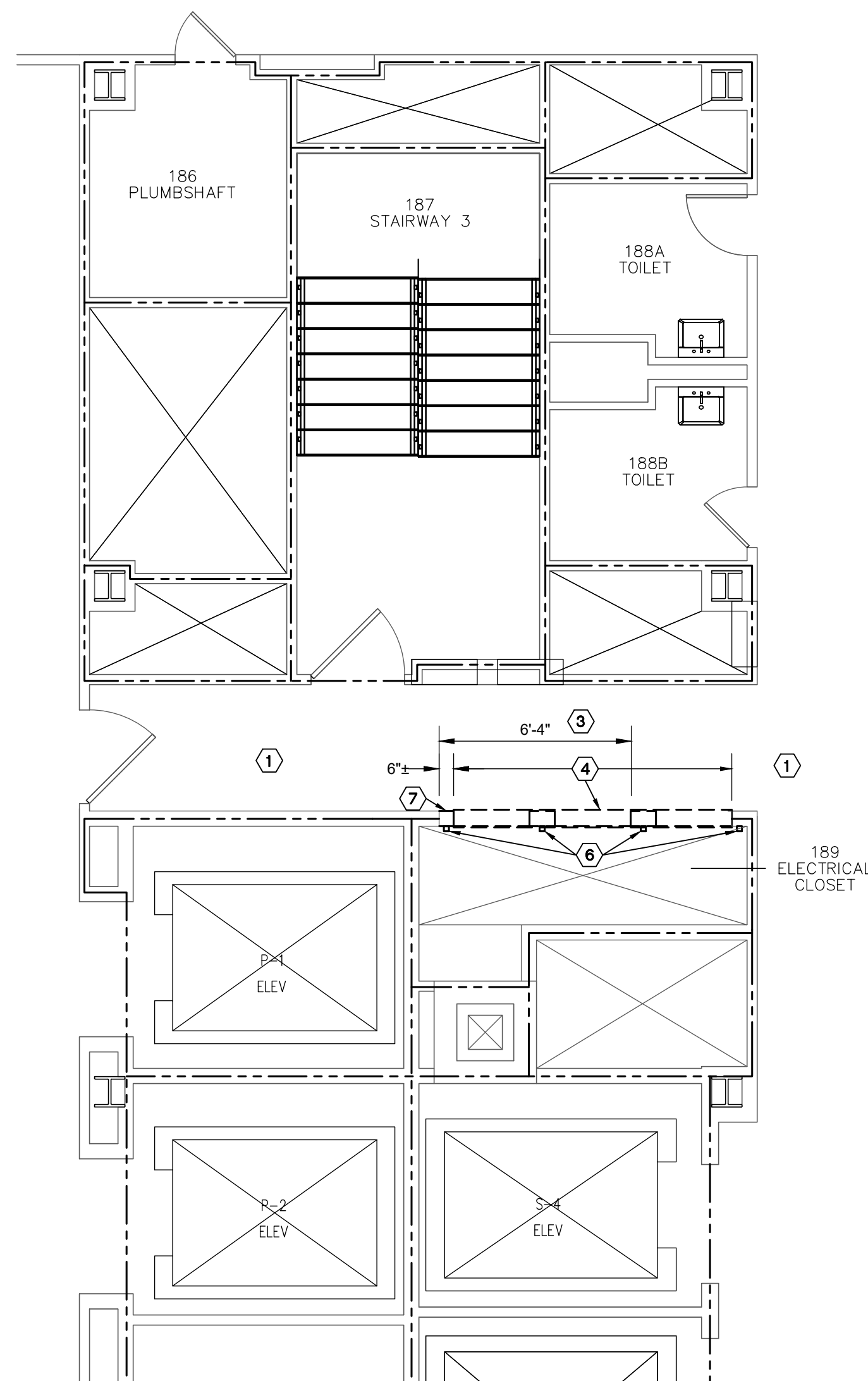
TYPICAL SECOND - TWELFTH FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



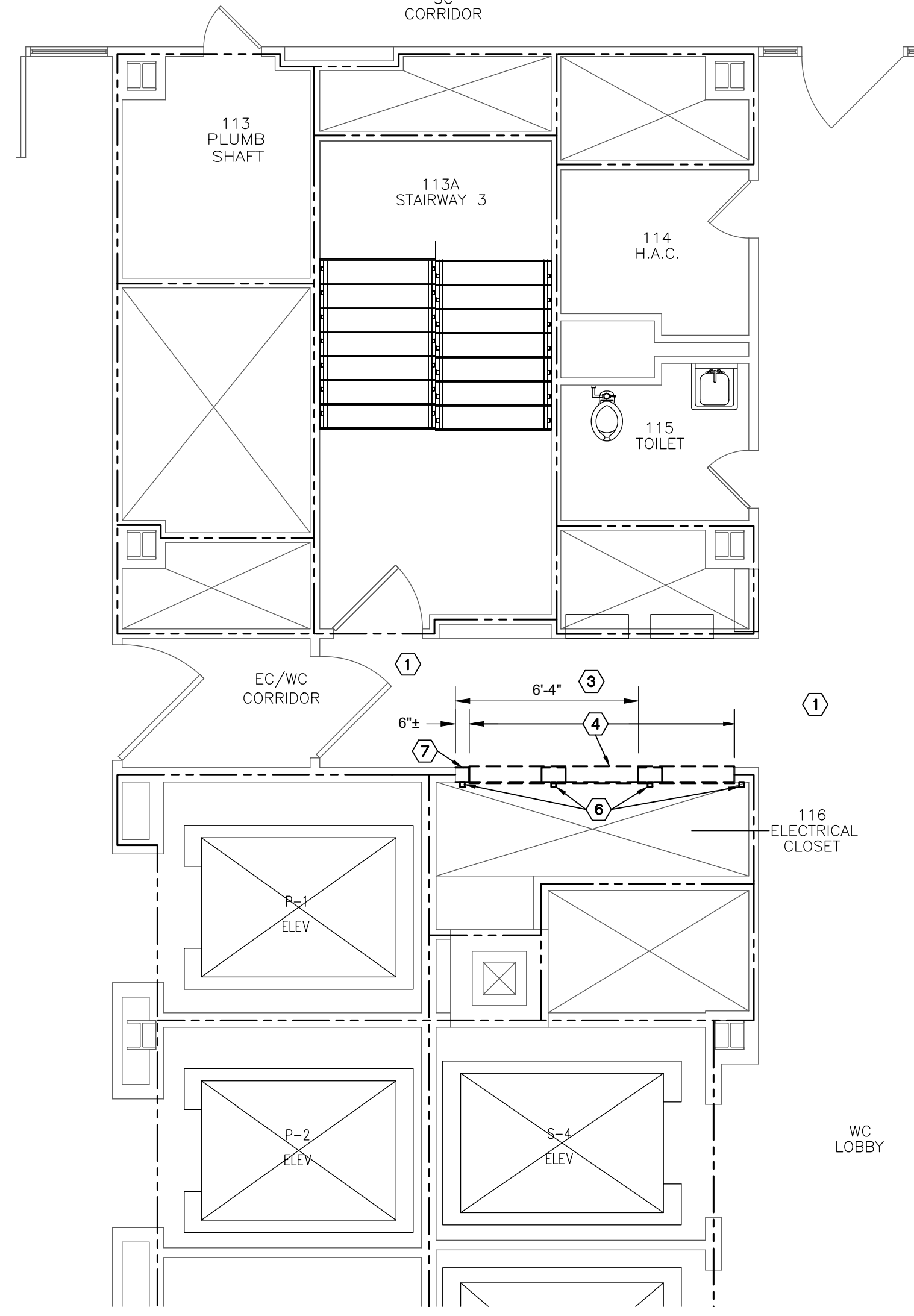
THIRTEENTH FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



FOURTEENTH FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



FIFTEENTH FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



SIXTEENTH FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

KEYED DEMOLITION PLAN NOTES:

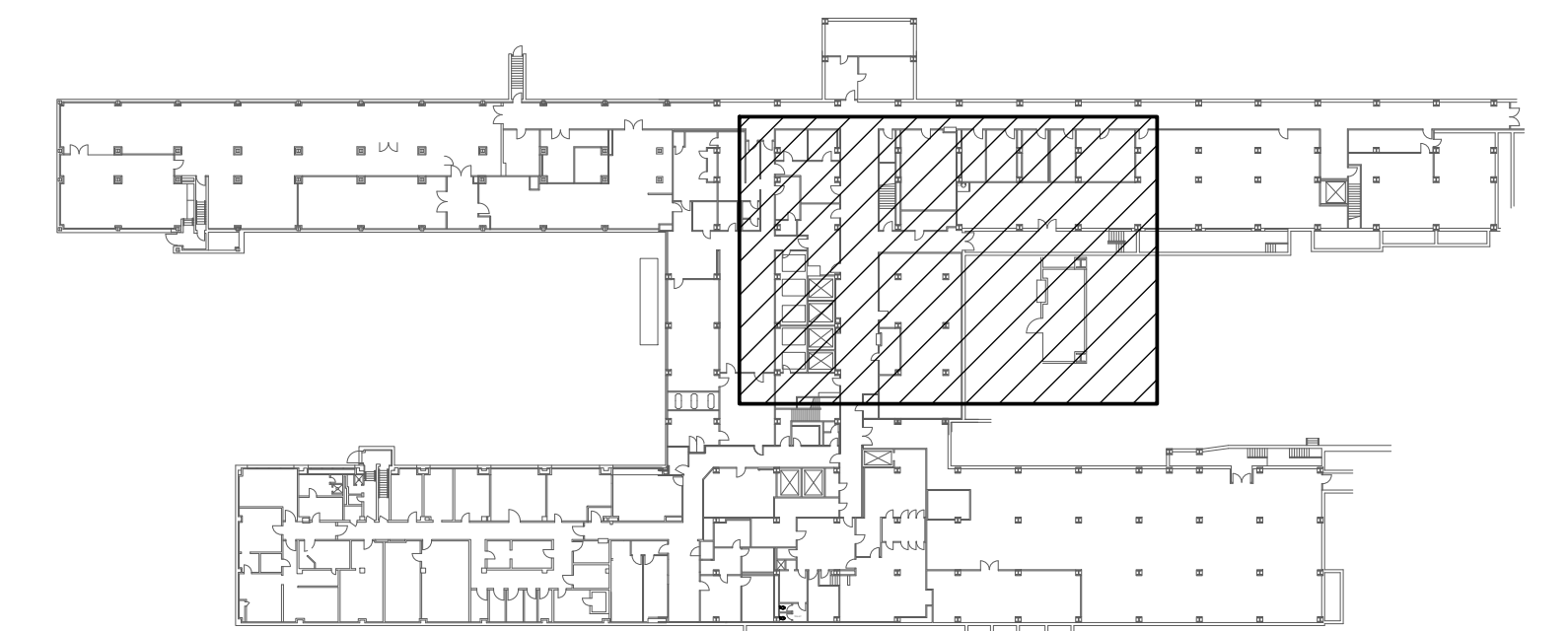
- 1 PROVIDE ALL MATERIAL AND LABOR TO REMOVE EXISTING ACOUSTICAL CEILING TILES FROM EXISTING SUSPENDED GRID TO EXTENT REQUIRED TO FACILITATE SPECIFIED ABOVE CEILING ELECTRICAL WORK IN THIS AREA. PROTECT REMOVED TILES AND RE-INSTALL DAILY. REPLACE ANY TILES DAMAGED DURING SPECIFIED WORK WITH NEW TILES TO MATCH EXISTING.
- 2 DEMOLISH AND REMOVE EXISTING DOOR, DOOR FRAME, MASONRY ANCHORS, DOOR HARDWARE AND ALL OTHER ITEMS ASSOCIATED WITH EXISTING DOOR.
- 3 SAW CUT AND REMOVE PORTION OF EXISTING CMU WALL FROM 7'-6"± AFF DOWN TO EXISTING FLOOR LEVEL.
- 4 DEMOLISH AND REMOVE EXISTING METAL DUMBWAITER ACCESS DOORS AND ALL ASSOCIATED METAL FRAMING COMPLETE.
- 5 DEMOLISH AND REMOVE EXISTING 12TH FLOOR ACT CEILING BELOW. INCLUDE ALL SUSPENSION FRAMING.
- 6 DEMOLISH AND REMOVE EXISTING METAL DUMBWAITER RAIL SYSTEM COMPLETE.
- 7 DEMOLISH AND REMOVE PORTION OF EXISTING CMU WALL.

GENERAL DEMOLITION NOTES:

1. REFER TO MECHANICAL DRAWING MD-102 FOR ADDITIONAL DEMOLITION WORK.
2. REFER TO ELECTRICAL DRAWING EP-103 FOR FIRST FLOOR ELECTRICAL DEMOLITION WORK.
3. ICRA AND LIFE SAFETY REQUIREMENTS NOT SHOWN FOR CLARITY. REFER TO LIFE SAFETY AND ICRA PLANS, SHEETS GI-003 THROUGH GI-006 AND SPECIFICATION 01 35 26, SAFETY REQUIREMENTS FOR DUST CONTROL BARRIER REQUIREMENTS.
4. ALL CEILING TILES REMOVED FOR ABOVE CEILING WORK ARE TO BE RE-INSTALLED ON A DAILY BASIS.
5. ALL DEMOLITION WORK SPECIFIED FOR THE EXISTING DUMB WAITER SHAFT SHALL BE PERFORMED DURING EVENING AND WEEKEND HOURS. COORDINATE DEMOLITION SCHEDULE WITH VA COR.

SYMBOLS LEGEND:

- (X) KEYED DEMOLITION NOTE
- (DASHED) EXISTING WALL TO BE REMOVED
- EXISTING 2-HOUR FIRE RATED BARRIER



LOCATION KEY - BUILDING 1

REV. 0 ISSUED FOR CONSTRUCTION	08/24/22
Revisions:	Date

CONSULTANTS:



3610 LAWSON ROAD ★ JAMESTOWN, NY 14701
(716) 484 - 1366 (716) 484 - 1519 FAX

STAMP



ARCHITECT/ENGINEERS:



259 St. Ives Dr.
Talent, OR 97540

APPROVED BY: VJC

DATE: 08/24/2022

Drawing Title

ARCHITECTURAL DEMOLITION
FLOOR PLANS -
SECOND - SIXTEENTH FLOORS

Approved: Project Director

Project Title
UPGRADE LIFE SAFETY/CRITICAL BRANCH
ELECTRIC DISTRIBUTION,
NY HARBOR HEALTHCARE CENTER
VA BROOKLYN CAMPUS

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AD-104
Dwg. 10 of 91

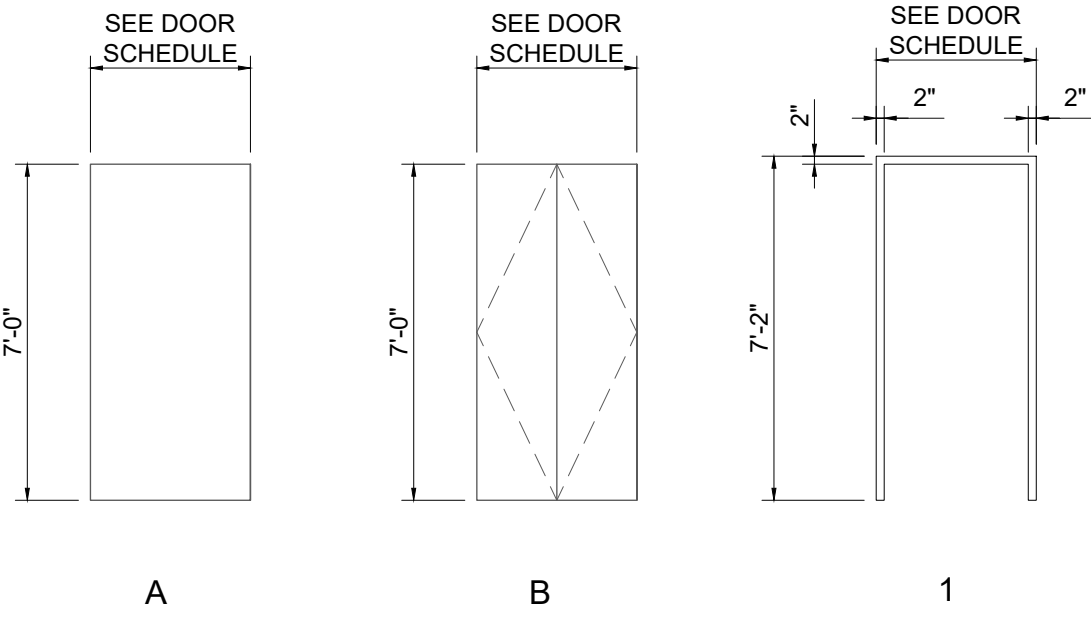
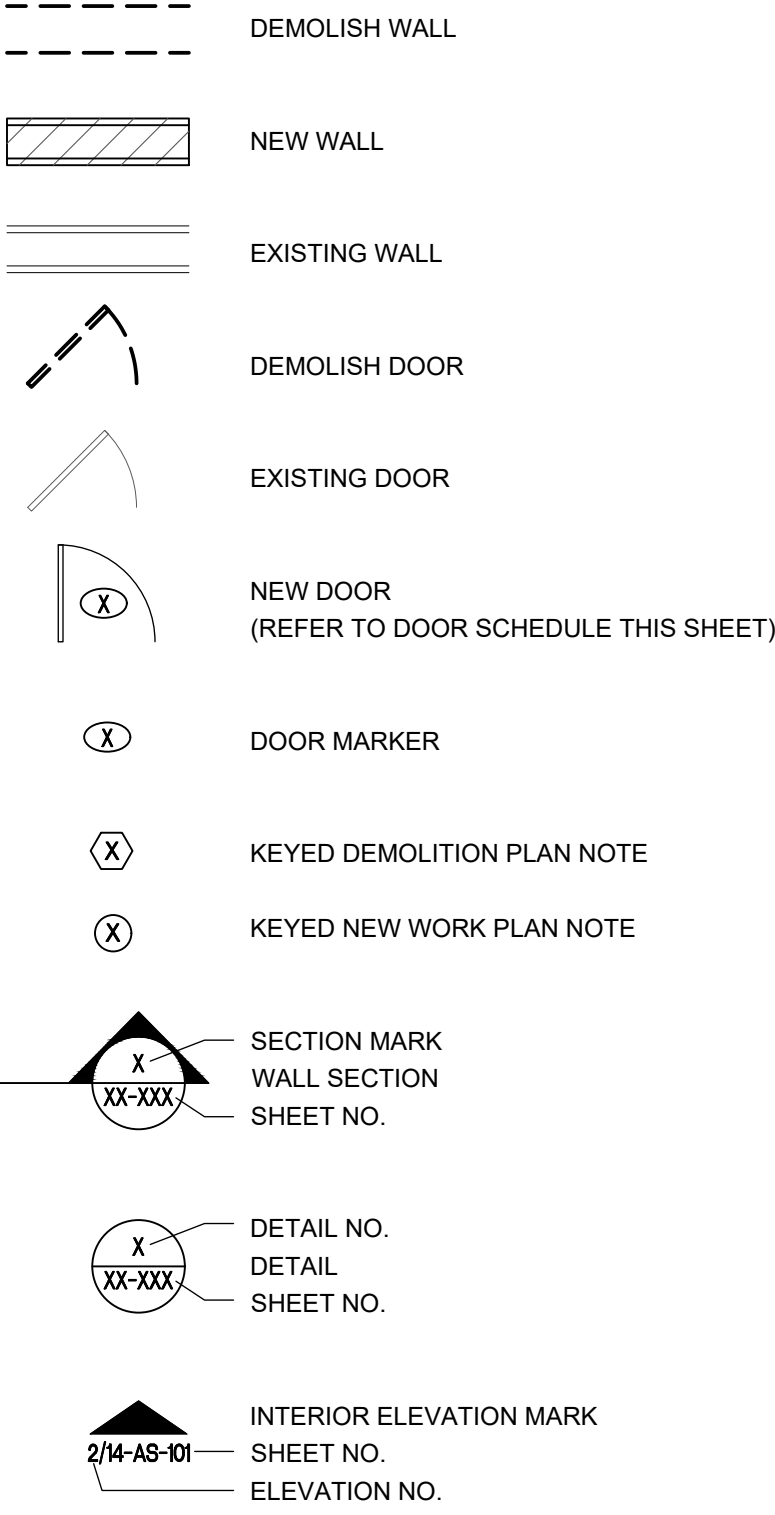
Office of
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DOOR SCHEDULE

DOOR						FRAME			
MARK	TYPE	SIZE	FIRE RATING	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HARDWARE SET
G-148	A	3'-6" x 7'-0" x 1 3/4"	1-HOUR	HM	PAINT	1	HM	PAINT	H1
C-115	B	(2) 2'-6" x 7'-0" x 1 3/4"	NONE	HM	PAINT	1	HM	PAINT	H2
EC-1	A	3'-0" x 7'-0" x 1 3/4"	1-HOUR	HM	PAINT	1	HM	PAINT	H1
EC-2	B	(2) 3'-0" x 7'-0" x 1 3/4"	1-HOUR	HM	PAINT	1	HM	PAINT	H2

SYMBOL LEGEND:



DOOR AND FRAME ELEVATIONS
SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE

WALLS - MATERIAL - FINISH							
ROOM NO. / NAME	N	E	S	W	BASE	FLOOR	CEILING
G-148 ELECTRICAL ROOM		CMU-PAINT			NONE	EPOXY	PAINT
FLOORS 1 - 16 ELECTRICAL CLOSET		CMU-PAINT			NONE	EPOXY	EXPOSED STRUCTURE - FIREPROOFED

CONSULTANTS:



STAMP



ARCHITECT/ENGINEERS:



APPROVED BY: VJC DATE: 08/24/2022

Drawing Title
**ARCHITECTURAL GENERAL
NOTES, SYMBOLS & SCHEDULES**

Approved: Project Director

Project Title
UPGRADE LIFE SAFETY/CRITICAL BRANCH
ELECTRIC DISTRIBUTION,
NY HARBOR HEALTHCARE CENTER
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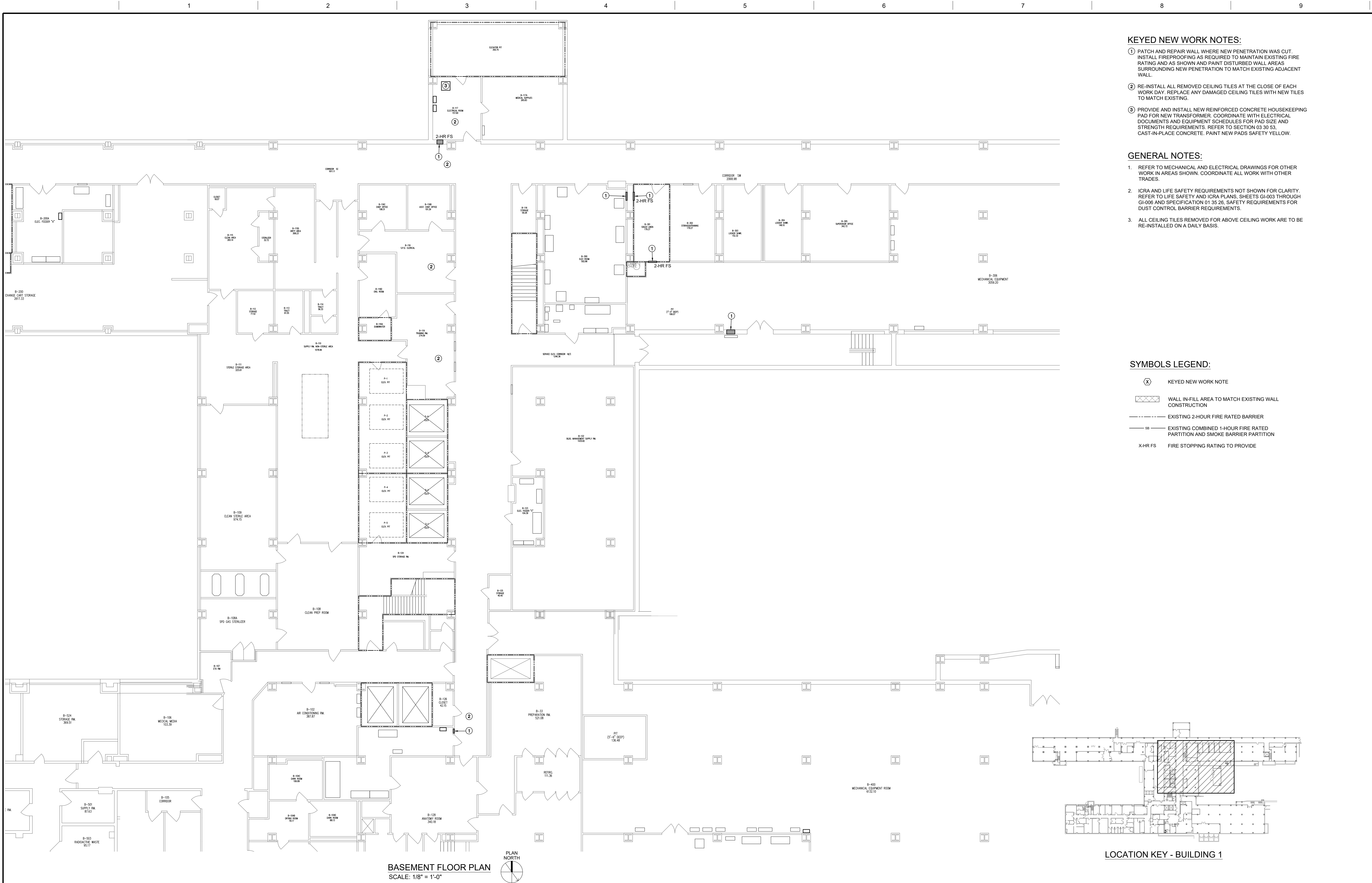
Project Number
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Building Number
1

Drawing Number
18-01-BK
AE-100
Dwg. 11 of 91

Office of
Construction
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Management





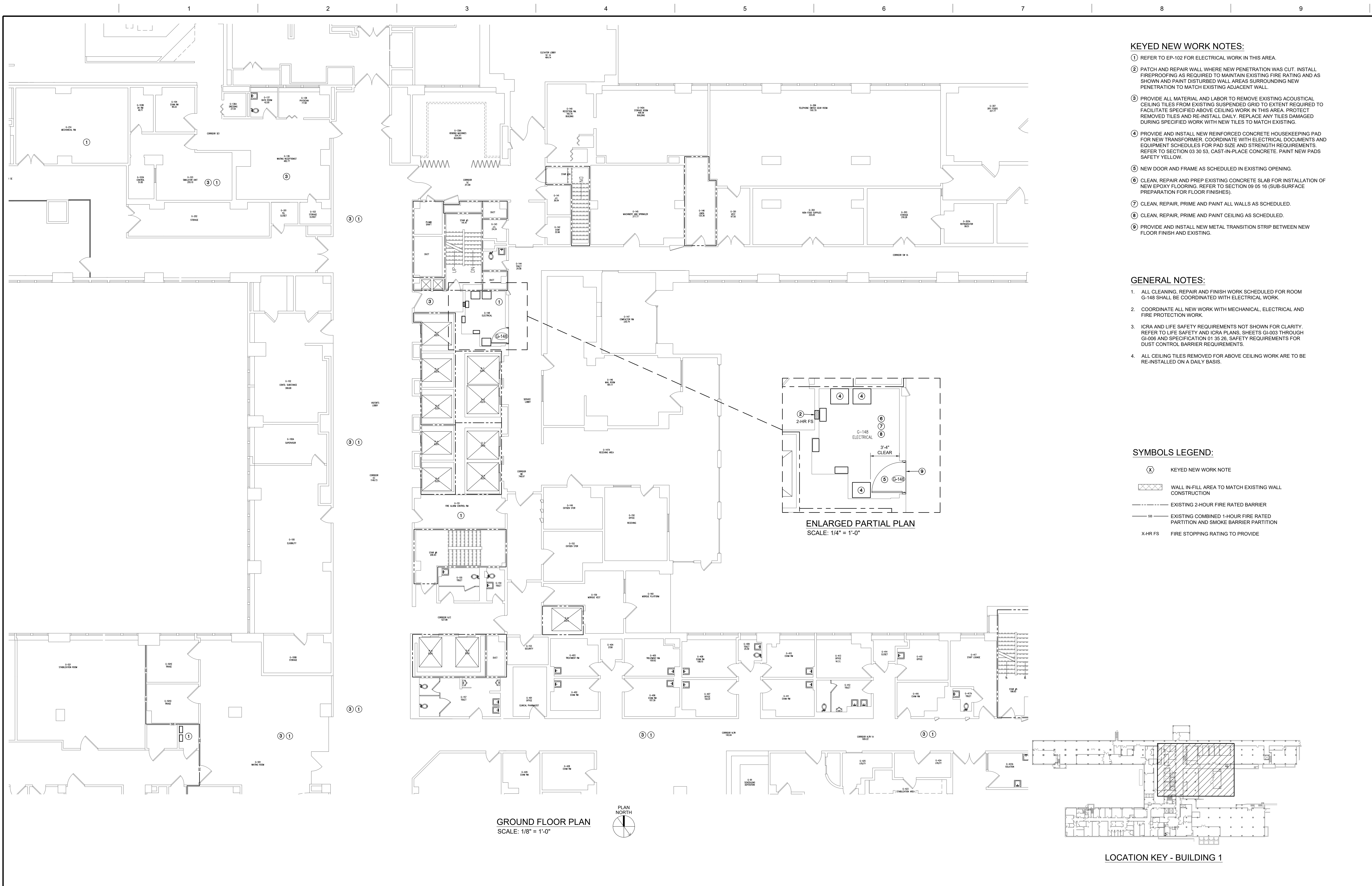
- KEYED NEW WORK NOTES:**
- ① PATCH AND REPAIR WALL WHERE NEW PENETRATION WAS CUT. INSTALL FIREPROOFING AS REQUIRED TO MAINTAIN EXISTING FIRE RATING AND AS SHOWN AND PAINT DISTURBED WALL AREAS SURROUNDING NEW PENETRATION TO MATCH EXISTING ADJACENT WALL.
 - ② RE-INSTALL ALL REMOVED CEILING TILES AT THE CLOSE OF EACH WORK DAY. REPLACE ANY DAMAGED CEILING TILES WITH NEW TILES TO MATCH EXISTING.
 - ③ PROVIDE AND INSTALL NEW REINFORCED CONCRETE HOUSEKEEPING PAD FOR NEW TRANSFORMER. COORDINATE WITH ELECTRICAL DOCUMENTS AND EQUIPMENT SCHEDULES FOR PAD SIZE AND STRENGTH REQUIREMENTS. REFER TO SECTION 03 30 53, CAST-IN-PLACE CONCRETE. PAINT NEW PADS SAFETY YELLOW.

- GENERAL NOTES:**
- 1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR OTHER WORK IN AREAS SHOWN. COORDINATE ALL WORK WITH OTHER TRADES.
 - 2. ICRA AND LIFE SAFETY REQUIREMENTS NOT SHOWN FOR CLARITY. REFER TO LIFE SAFETY AND ICRA PLANS, SHEETS G1-003 THROUGH G1-006 AND SPECIFICATION 01 35 26, SAFETY REQUIREMENTS FOR DUST CONTROL BARRIER REQUIREMENTS.
 - 3. ALL CEILING TILES REMOVED FOR ABOVE CEILING WORK ARE TO BE RE-INSTALLED ON A DAILY BASIS.

- SYMBOLS LEGEND:**
- (X) KEYED NEW WORK NOTE
 - [Hatched Box] WALL IN-FILL AREA TO MATCH EXISTING WALL CONSTRUCTION
 - [Dashed Line] EXISTING 2-HOUR FIRE RATED BARRIER
 - [SS Line] EXISTING COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER PARTITION
 - X-HR FS FIRE STOPPING RATING TO PROVIDE

LOCATION KEY - BUILDING 1

CONSULTANTS: 3610 LAWSON ROAD ★ JAMESTOWN, NY 14701 (716) 484 - 1366 (716) 484 - 1519 FAX		STAMP 	ARCHITECT/ENGINEERS: 259 St. Ives Dr. Talent, OR 97540	APPROVED BY: VJC DATE: 08/24/2022	Drawing Title ARCHITECTURAL FLOOR PLANS - BASEMENT	Project Title UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS	Project Number 630A4-16-430 Building Number 1	Office of Construction and Facilities Management 	
REV. 0 ISSUED FOR CONSTRUCTION Revisions: 08/24/22 Date				Approved: Project Director	Location 800 POLY PLACE, BROOKLYN NY 11209	Issue Date 08/24/2022	Checked LLJ		Drawn EHA

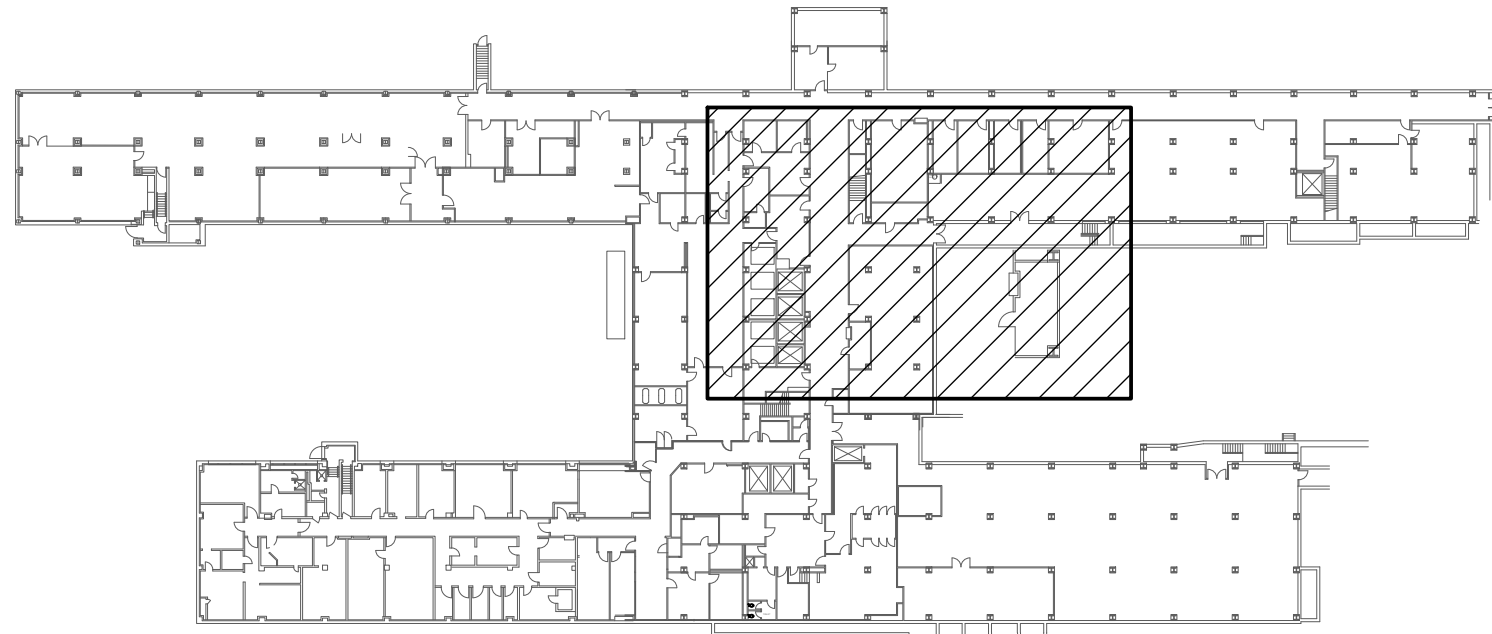


- KEYED NEW WORK NOTES:**
- ① REFER TO EP-102 FOR ELECTRICAL WORK IN THIS AREA.
 - ② PATCH AND REPAIR WALL WHERE NEW PENETRATION WAS CUT. INSTALL FIREPROOFING AS REQUIRED TO MAINTAIN EXISTING FIRE RATING AND AS SHOWN AND PAINT DISTURBED WALL AREAS SURROUNDING NEW PENETRATION TO MATCH EXISTING ADJACENT WALL.
 - ③ PROVIDE ALL MATERIAL AND LABOR TO REMOVE EXISTING ACOUSTICAL CEILING TILES FROM EXISTING SUSPENDED GRID TO EXTENT REQUIRED TO FACILITATE SPECIFIED ABOVE CEILING WORK IN THIS AREA. PROTECT REMOVED TILES AND RE-INSTALL DAILY. REPLACE ANY TILES DAMAGED DURING SPECIFIED WORK WITH NEW TILES TO MATCH EXISTING.
 - ④ PROVIDE AND INSTALL NEW REINFORCED CONCRETE HOUSEKEEPING PAD FOR NEW TRANSFORMER. COORDINATE WITH ELECTRICAL DOCUMENTS AND EQUIPMENT SCHEDULES FOR PAD SIZE AND STRENGTH REQUIREMENTS. REFER TO SECTION 03 30 53, CAST-IN-PLACE CONCRETE. PAINT NEW PADS SAFETY YELLOW.
 - ⑤ NEW DOOR AND FRAME AS SCHEDULED IN EXISTING OPENING.
 - ⑥ CLEAN, REPAIR AND PREP EXISTING CONCRETE SLAB FOR INSTALLATION OF NEW EPOXY FLOORING. REFER TO SECTION 09 05 16 (SUB-SURFACE PREPARATION FOR FLOOR FINISHES).
 - ⑦ CLEAN, REPAIR, PRIME AND PAINT ALL WALLS AS SCHEDULED.
 - ⑧ CLEAN, REPAIR, PRIME AND PAINT CEILING AS SCHEDULED.
 - ⑨ PROVIDE AND INSTALL NEW METAL TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING.

- GENERAL NOTES:**
- 1. ALL CLEANING, REPAIR AND FINISH WORK SCHEDULED FOR ROOM G-148 SHALL BE COORDINATED WITH ELECTRICAL WORK.
 - 2. COORDINATE ALL NEW WORK WITH MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK.
 - 3. ICRA AND LIFE SAFETY REQUIREMENTS NOT SHOWN FOR CLARITY. REFER TO LIFE SAFETY AND ICRA PLANS, SHEETS GI-003 THROUGH GI-006 AND SPECIFICATION 01 35 26, SAFETY REQUIREMENTS FOR DUST CONTROL BARRIER REQUIREMENTS.
 - 4. ALL CEILING TILES REMOVED FOR ABOVE CEILING WORK ARE TO BE RE-INSTALLED ON A DAILY BASIS.

- SYMBOLS LEGEND:**
- (X) KEYED NEW WORK NOTE
 - WALL IN-FILL AREA TO MATCH EXISTING WALL CONSTRUCTION
 - EXISTING 2-HOUR FIRE RATED BARRIER
 - EXISTING COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER PARTITION
 - X-HR FS FIRE STOPPING RATING TO PROVIDE

CONSULTANTS: 3610 LAWSON ROAD ★ JAMESTOWN, NY 14701 (716) 484 - 1366 (716) 484 - 1519 FAX		ARCHITECT/ENGINEERS: 259 St. Ives Dr. Talent, OR 97540	APPROVED BY: VJC DATE: 08/24/2022	Drawing Title: ARCHITECTURAL FLOOR PLANS - GROUND FLOOR	Project Title: UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS	Project Number: 630A4-16-430 Building Number: 1	Office of Construction and Facilities Management
REV. 0 ISSUED FOR CONSTRUCTION Revisions:	08/24/22 Date	STAMP: 	APPROVED: Project Director	Location: 800 POLY PLACE, BROOKLYN NY 11209	Issue Date: 08/24/2022	Checked: LLJ	Drawn: EHA
						Drawing Number: 18-01-BK AE-102 Dwg. 13 of 91	



- ① NEW DOOR AND FRAME AS SCHEDULED.
- ② INSTALL EXISTING OPENING WHERE DOOR WAS REMOVED. INFILL SHALL CONSIST OF CMU WIDTH AS REQUIRED TO MATCH EXISTING. TILE WAINSCOT ON CORRIDOR SIDE TO MATCH EXISTING.
- ③ EXISTING ELECTRICAL PANEL TO REMAIN, PROTECT FROM DAMAGE AT ALL TIMES DURING CONSTRUCTION.
- ④ PROVIDE AND INSTALL NEW REINFORCED CONCRETE HOUSEKEEPING PAD FOR NEW TRANSFORMER. COORDINATE WITH ELECTRICAL DOCUMENTS AND EQUIPMENT SCHEDULES FOR PAD SIZE AND STRENGTH REQUIREMENTS. REFER TO SECTION 03 30 53, CAST-IN-PLACE CONCRETE. PAINT NEW PADS SAFETY YELLOW.
- ⑤ CLEAN, REPAIR AND PREP EXISTING CONCRETE FLOOR FOR INSTALLATION OF NEW FLOOR FINISH AS SCHEDULED. REFER TO SECTION 09 05 16 (SUB-SURFACE PREPARATION FOR FLOOR FINISHES)
- ⑥ CLEAN, REPAIR, PRIME AND PAINT CMU WALLS AS SCHEDULED.
- ⑦ PROVIDE AND INSTALL SPRAYED ON FIREPROOFING AS SPECIFIED. REFER TO SECTION 07 81 00 (APPLIED FIREPROOFING).
- ⑧ PROVIDE ALL MATERIAL AND LABOR TO REMOVE EXISTING ACOUSTICAL CEILING TILES FROM EXISTING SUSPENDED GRID TO EXTENT REQUIRED TO FACILITATE SPECIFIED ABOVE CEILING WORK IN THIS AREA. PROTECT REMOVED TILES AND MATERIALS FROM DAMAGE. REPLACE ANY TILES DAMAGED DURING SPECIFIED WORK WITH NEW TILES TO MATCH EXISTING.

NEW FLOOR PENETRATIONS FOR CONDUIT. COORDINATE WITH ELECTRICAL DRAWINGS. PROVIDE 2-HR RATED FIRESTOPPING AS SPECIFIED. REFER TO SECTION 07 84 00 (FIRESTOPPING).

- ⑨ PROVIDE AND INSTALL NEW METAL TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING.

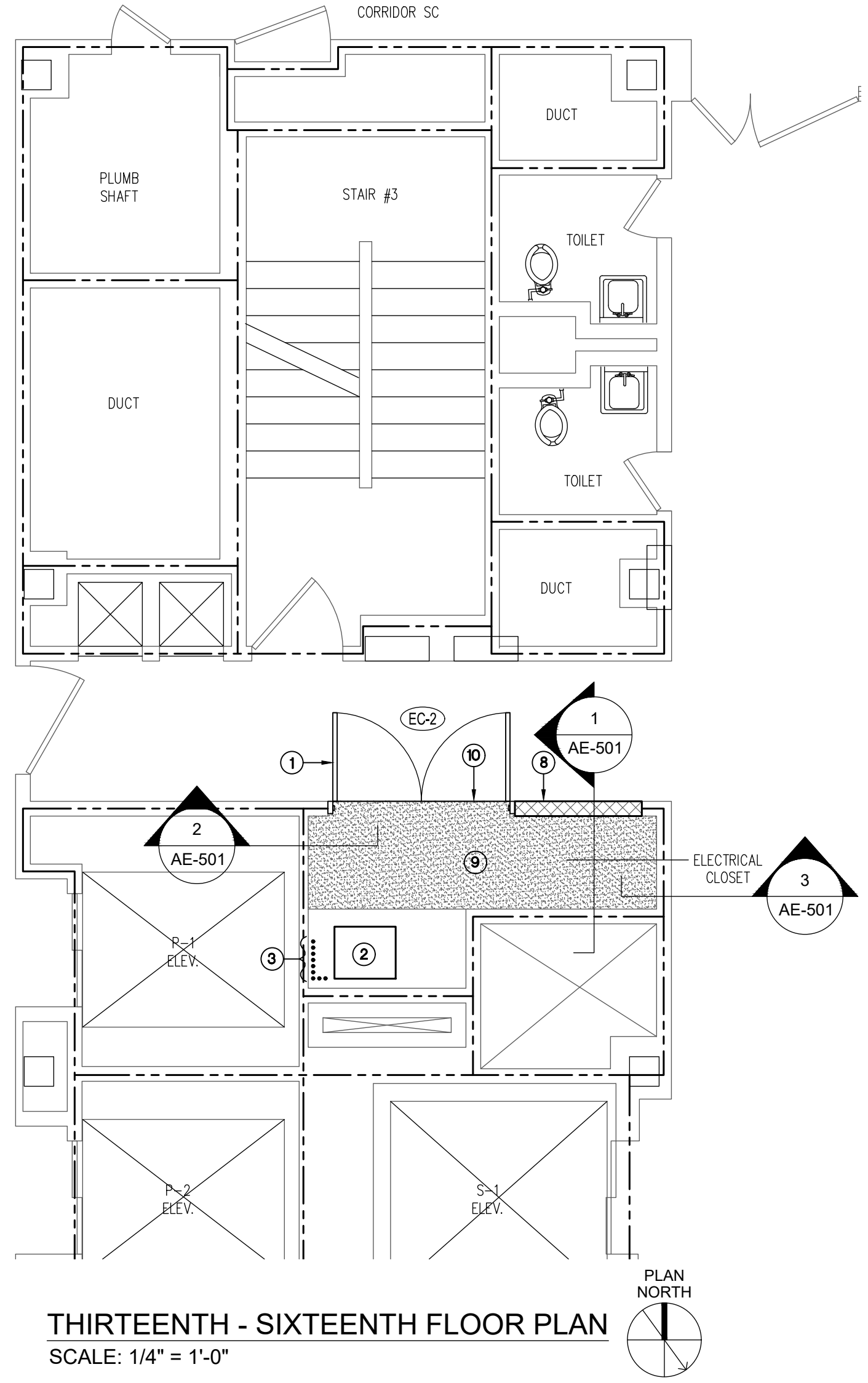
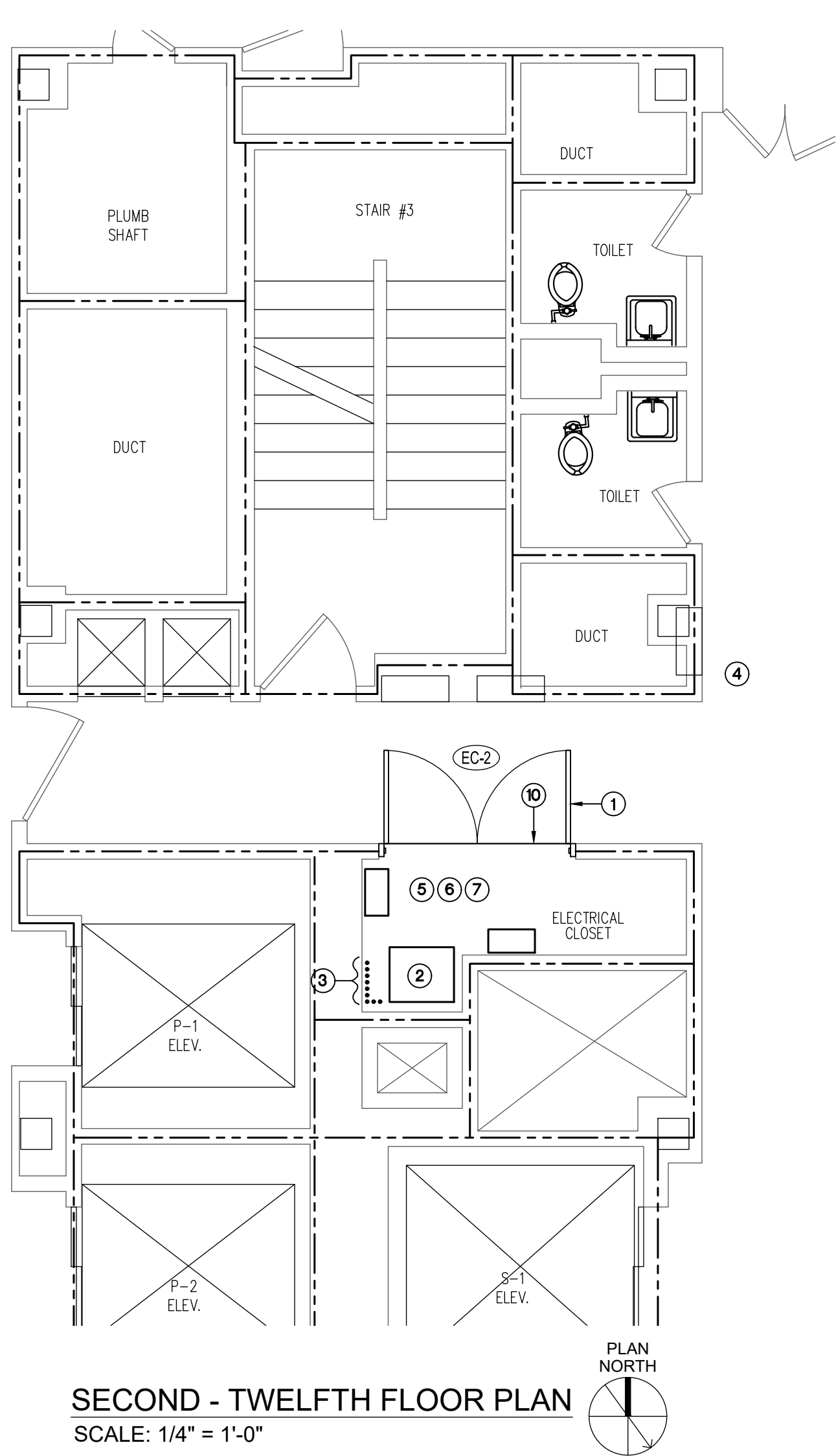
1. COORDINATE ALL NEW WORK WITH MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK.
2. ICRA AND LIFE SAFETY REQUIREMENTS NOT SHOWN FOR CLARITY. REFER TO LIFE SAFETY AND ICRA PLANS, SHEETS GI-003 THROUGH GI-006 AND SPECIFICATION 01 35 26, SAFETY REQUIREMENTS FOR DUST CONTROL BARRIER REQUIREMENTS.
3. ALL CEILING TILES REMOVED FOR ABOVE CEILING WORK ARE TO BE RE-INSTALLED ON A DAILY BASIS.

	KEYED NEW WORK NOTE
	WALL IN-FILL AREA TO MATCH EXISTING WALL CONSTRUCTION
	EXISTING 2-HOUR FIRE RATED BARRIER
	EXISTING COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER PARTITION
	FIRE STOPPING RATING TO PROVIDE

PLAN NORTH

A diagram showing a circle with a vertical line and a diagonal line. An arrow points to the right, indicating the direction of the plan.

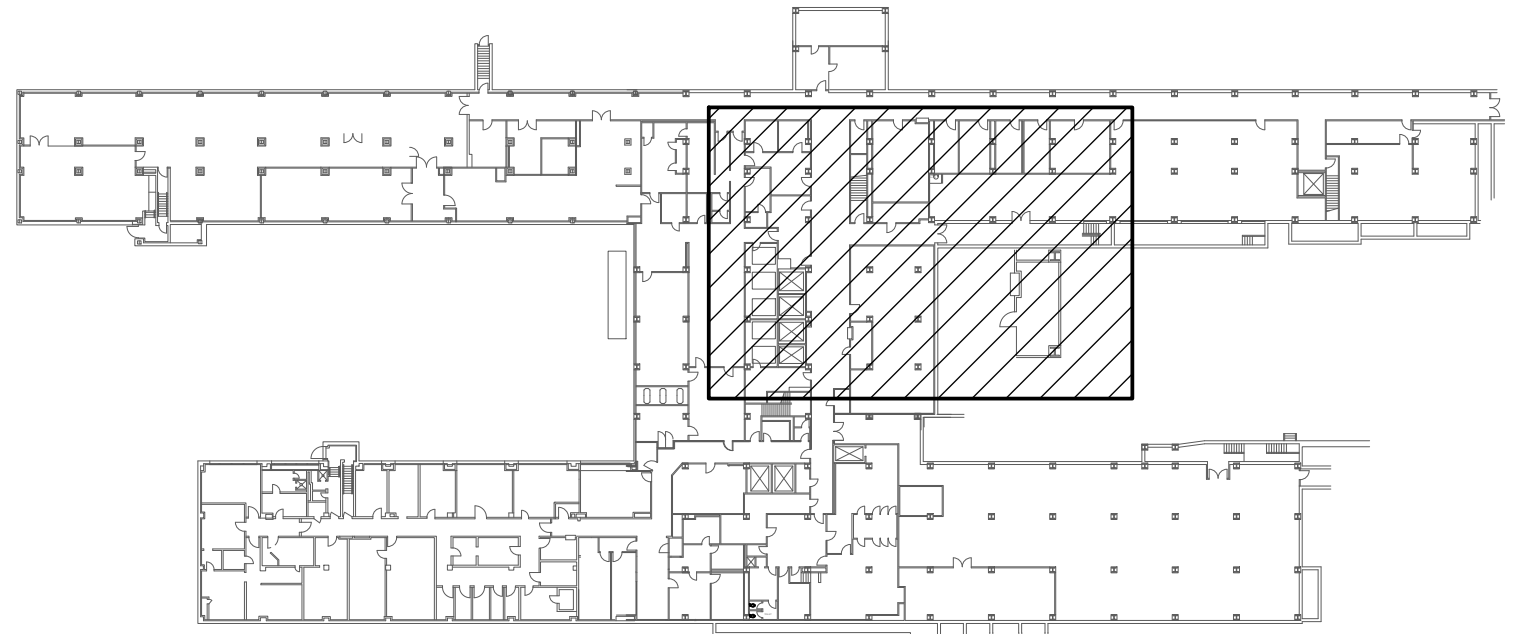
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- KEYED NEW WORK NOTES:**
- ① NEW DOOR AND FRAME AS SCHEDULED. PROVIDE NEW LINTEL, SEE DETAIL 4/AE-501.
 - ② PROVIDE NEW CONCRETE EQUIPMENT PAD FOR NEW TRANSFORMER AS SCHEDULED. PROVIDE AND INSTALL NEW REINFORCED CONCRETE HOUSEKEEPING PAD FOR NEW TRANSFORMER. COORDINATE WITH ELECTRICAL DOCUMENTS AND EQUIPMENT SCHEDULES FOR PAD SIZE AND STRENGTH REQUIREMENTS. REFER TO SECTION 03 30 53, CAST-IN-PLACE CONCRETE. PAINT NEW PADS SAFETY YELLOW.
 - ③ NEW FLOOR PENETRATIONS FOR CONDUIT, COORDINATE WITH ELECTRICAL DRAWINGS. PROVIDE 2-HR RATED FIRESTOPPING AS SPECIFIED. REFER TO SECTION 07 84 00 (FIRESTOPPING).
 - ④ PROVIDE ALL MATERIAL AND LABOR TO REMOVE EXISTING ACOUSTICAL CEILING TILES FROM EXISTING SUSPENDED GRID TO EXTENT REQUIRED TO FACILITATE SPECIFIED ABOVE CEILING WORK IN THIS AREA. PROTECT REMOVED TILES AND RE-INSTALL DAILY. REPLACE ANY TILES DAMAGED DURING SPECIFIED WORK WITH NEW TILES TO MATCH EXISTING.
 - ⑤ CLEAN, REPAIR AND PREP EXISTING CONCRETE FLOOR FOR INSTALLATION OF NEW FLOOR FINISH AS SCHEDULED. REFER TO SECTION 09 05 16 (SUB-SURFACE PREPARATION FOR FLOOR FINISHES).
 - ⑥ CLEAN, REPAIR, PRIME AND PAINT CMU WALLS AS SCHEDULED.
 - ⑦ PROVIDE AND INSTALL SPRAYED ON FIREPROOFING AS SPECIFIED. REFER TO SECTION 07 81 00 (APPLIED FIREPROOFING).
 - ⑧ NEW CMU WALL INFILL. INFILL TO CONSIST OF MATERIALS OF THE SAME SIZE, STRENGTH, FINISH, ETC. AS THE EXISTING.
 - ⑨ NEW CONCRETE FLOOR INFILL WITH NEW FLOOR FINISH AS SCHEDULED. REFER TO FLOOR INFILL DETAIL ON SHEET AE-501.
 - ⑩ PROVIDE AND INSTALL NEW METAL TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING.

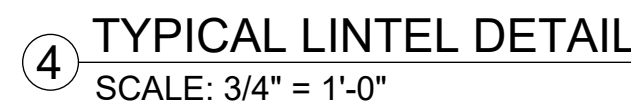
- GENERAL NOTES:**
- 1. COORDINATE ALL NEW WORK WITH MECHANICAL, ELECTRICAL AND FIRE PROTECTION WORK.
 - 2. ICRA AND LIFE SAFETY REQUIREMENTS NOT SHOWN FOR CLARITY. REFER TO LIFE SAFETY AND ICRA PLANS, SHEETS GI-003 THROUGH GI-006 AND SPECIFICATION 01 35 26, SAFETY REQUIREMENTS FOR DUST CONTROL BARRIER REQUIREMENTS.
 - 3. ALL CEILING TILES REMOVED FOR ABOVE CEILING WORK ARE TO BE RE-INSTALLED ON A DAILY BASIS.
 - 4. FIRE RATING OF EXISTING FLOOR SLAB IS ASSUMED TO BE 2-HOURS.

- SYMBOLS LEGEND:**
- (X) KEYED NEW WORK NOTE
 - [Hatched Box] WALL IN-FILL AREA TO MATCH EXISTING WALL CONSTRUCTION
 - EXISTING 2-HOUR FIRE RATED BARRIER
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 - X-HR FS FIRE STOPPING RATING TO PROVIDE



LOCATION KEY - BUILDING 1

CONSULTANTS: 3610 LAWSON ROAD ★ JAMESTOWN, NY 14701 (716) 484 - 1366 (716) 484 - 1519 FAX		STAMP 	ARCHITECT/ENGINEERS: 259 St. Ives Dr. Talent, OR 97540	APPROVED BY: VJC DATE: 08/24/2022	Drawing Title ARCHITECTURAL FLOOR PLANS - SECOND - SIXTEENTH FLOORS	Project Title UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS	Project Number 630A4-16-430 Building Number 1	Office of Construction and Facilities Management 		
REV. 0 ISSUED FOR CONSTRUCTION 08/24/22 Revisions: Date				Approved: Project Director	Location 800 POLY PLACE, BROOKLYN NY 11209	Issue Date 08/24/2022	Checked LLJ		Drawn EHA	Drawing Number 18-01-BK AE-104 Dwg. 15 of 91



1. SLAB INFILL: NEW SLAB INFILL SHALL CONSIST OF 1 1/2" 18GA. LOK-FLOOR WITH 4 1/2" CONCRETE TOPPING (6" TOTAL DEPTH). TOP OF SLAB TO MATCH EXISTING. 6x6 (W2.9xW2.9) WELD WIRE FABRIC IN CENTER OF SLAB.

1. WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE NYC BUILDING CODE, LATEST EDITION, AND THE BUILDING DEPARTMENT RULES.
2. WORK THESE DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS, AS WELL AS THE SPECIFICATIONS.

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MEASURE ALL REQUIRED FIELD DIMENSIONS AND TO VERIFY ALL EXISTING CONDITIONS THAT ARE SHOWN ON THE DRAWINGS. SHOULD ANY OF THE CONDITIONS PROVE TO BE NOT AS SHOWN ON THE DRAWINGS, THE COR SHALL BE IMMEDIATELY INFORMED BEFORE PROCEEDING WITH ANY OF THE WORK.
2. THE FOLLOWING SEQUENCE OF WORK SHALL BE FOLLOWED:
 - A. THE CONTRACTOR SHALL PROVIDE NECESSARY DEMOLITION WORK, AS NECESSARY TO REVEAL THE EXISTING STRUCTURE (FLOOR FRAMING AND WALLS) WHICH AFFECTS THE WORK.
 - B. THE COR AND CONTRACTOR SHALL REVIEW THE EXPOSED STRUCTURE AND DETERMINE IF ANY CHANGES NEED TO BE MADE TO THE NEW STRUCTURE AND DETAILS AS A RESULT OF THE CONDITIONS AND DIMENSIONS OF THE EXISTING FRAMING.
 - C. ALL FIELD DIMENSIONS SHALL BE TAKEN BY THE CONTRACTOR FOR FABRICATION OF THE NEW STEEL.
 - D. ALL THE ABOVE MUST BE DONE BEFORE SHOP DRAWINGS ARE STARTED.

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF THE AISC "SPECIFICATIONS FOR STRUCTURAL STEEL FOR BUILDINGS" - 9TH EDITION AND ALL CURRENT SUPPLEMENTS.
2. ALL WELDING WORK AND WELDING INSPECTION WORK SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE AWS D1-1:04. ALL WELDING WORK SHALL BE DONE BY AWS CERTIFIED WELDERS. THE FIELD WELDING SHALL BE DONE BY THE MANUAL SHEET METAL ARC WELDING METHOD.
3. ALL STEEL SHAPES, PLATES, BARS, RODS, AND ANCHOR BOLTS, SHALL CONFORM TO ASTM A572 GRADE 50, ALL TUBES TO BE ASTM A500, GRADE C.
4. ALL BOLTS SHALL BE ASTM A325 BOLTS. PROVIDE A MINIMUM OF TWO BOLTS PER CONNECTION, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
5. ALL STEEL IS TO BE PAINTED WITH INTEC PAINT 90-87 ZINC RICH PRIMER & SERIES 73 ENDURA-SHIELD III TOP COAT OVER COMMERCIAL BLAST CLEAN PER SSPC-SP6.

1. ALL MATERIALS, ASSEMBLIES, METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT SHALL COMPLY WITH N.Y.C. BUILDING CODE REQUIREMENTS FOR ACCEPTANCE AND CONTROLLED INSPECTION (C26-106.2, 106.3 AND C26-107.2 AND 107.3).
2. DETAILED REQUIREMENTS OF INSPECTION AND TESTING WILL COMPLY WITH TABLE 10-1 AND 10-2A OF ARTICLE C27-587 AND C27-324F OF THE N.Y.C. BUILDING CODE. BUILDING DEPARTMENT FORMS ARE TO BE FILED FOR THE FOLLOWING AREAS FOR THE STRUCTURAL WORK: CONSTRUCTION
 - A. WELDING
 - B. HIGH STRENGTH BOLTS
 - C. STRUCTURAL STABILITY
3. THE CONTRACTOR SHALL HIRE AND PAY FOR THE SERVICES OF A TESTING LABORATORY TO PROVIDE THE PHYSICAL TESTING REQUIRED FOR CONTROLLED INSPECTION. THIS IS TO INCLUDE HIGH STRENGTH BOLT TORQUE TESTING, NONDESTRUCTIVE WELD TESTING OF ALL FIELD WELDS PER AWS D1.1, AND VISUAL INSPECTION OF ALL OTHER WELDS. THE LABS ARE TO BE PROVIDED WRITTEN REPORTS OF THE TEST RESULTS SIGNED BY A N.Y.S. LICENSED P.E., TO THE ENGINEER. THE CONTROLLED INSPECTION IS TO BE DONE BY THE DESIGN ENGINEER, USING THESE LAB REPORTS.

1. ALL METAL DECK WORK SHALL CONFORM TO THE AISI "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS," LATEST EDITION.
2. ALL METAL DECK UNITS AND ACCESSORY ITEMS SHALL BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A446 OR A611 WITH A MINIMUM YIELD STRENGTH OF 50 KSI. BEFORE FORMING, THE STEEL SHEET SHALL RECEIVE A PROTECTIVE METAL COATING OF ZINC CONFORMING TO ASTM A525, GRADE 3.
3. EXCEPT AS OTHERWISE NOTED, SIDE LAPS ON DECK SHALL BE CONNECTED WITH 3/4" DIA. FUSION WELDS AT A SPACING TO PROVIDE SUFFICIENT DIAPHRAGM STRENGTH TO MAINTAIN BUILDING ALIGNMENT AND TO SUSTAIN LOAD CONSTRUCTION LOADS WITHOUT DISTORTION OR SEPARATION. MAXIMUM SPACING SHALL BE 3'-0" O.C.
4. EXCEPT AS OTHERWISE NOTED, DECK SHALL BE ATTACHED TO STRUCTURAL STEEL BY 3/4" DIA. FUSION WELDS AT 12" O.C. AT END AND INTERIOR SUPPORTS PERPENDICULAR TO THE DECK SPAN AND AT EDGE AND INTERIOR SUPPORTS PARALLEL TO THE DECK SPAN. WELDS MAY BE OMITTED IN RISBS (WHICH SHEAR CONNECTORS ARE TO BE APPLIED, EXCEPT THAT EACH DECK SECTION SHALL HAVE SUFFICIENT WELDS TO ADEQUATELY SECURE THE DECK, BRING THE DECK INTO DIRECT CONTACT WITH THE SUPPORTING STEEL AND TO PROVIDE SUFFICIENT DIAPHRAGM STRENGTH.

REV. 0 ISSUED FOR CONSTRUCTION	08/24/22
Revisions:	Date

Patriot
DESIGN & CONSULTING
— STILL SERVING —

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259 St. Ives Dr.
Talent, OR 97540

DATE: 08/24/2022

CONSTRUCTION DETAILS

Approved: Project Director

Project Title	UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS
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Project Number	630A4-16-430
Building Number	

Drawing Number
18-01-BK
AE-501
Dwg. 16 of 91

Office of
Construction
and Facilities
Management



GENERAL MECHANICAL NOTES:

- THE SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL CONFORM TO THE 2020 INTERNATIONAL MECHANICAL CODE AND AUTHORITIES HAVING JURISDICTION. IN CASE OF CONFLICTS WITH CODES, DRAWINGS, OR SPECIFICATIONS, THE MOST STRINGENT SHALL PREVAIL.
- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL EQUIPMENT, UTILITIES AND PIPING, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- THE DRAWINGS WERE PREPARED WITH THE BEST STRUCTURAL AND ARCHITECTURAL INFORMATION AVAILABLE. IT IS UNDERSTOOD THAT EQUIPMENT LOCATIONS AND ROUTING OF PIPING MAY VARY FROM THAT SHOWN ON THE PLANS AS CONSTRUCTION PROCEEDS. IT IS THE CONTRACTORS RESPONSIBILITY TO:
 - NOTIFY THE ENGINEER OF CONSTRUCTION RESTRAINTS WHICH MAKE VARIATIONS FROM THE PLANS NECESSARY.
 - COMPLETE ALL WORK INCLUDING THE VARIATIONS WITHOUT CHARGING EXTRAS TO THE BID CONTRACT. COMPLETION OF WORK MEANS THE JOB IS WORKING AND AN COMPLETE TO THE SATISFACTION OF THE COR.
- THESE DRAWINGS DO NOT INCLUDE ALL NECESSARY SAFETY REQUIREMENTS. CONTRACTOR TO COMPLY TO THE SAFETY REQUIREMENTS SET FORTH BY THE LOCAL AUTHORITIES HAVING JURISDICTION.
- THESE DRAWINGS ARE FOR BIDDING PURPOSES ONLY. THEY ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT MANY OFFSETS, BONDS, UNIONS, SPECIFIC FITTINGS AND EXACT LOCATIONS ARE NOT INDICATED.
- PATCH AND/OR REPAIR EXISTING DUCTWORK AND PIPING INSULATION DAMAGED OR DISTURBED DUE TO CONSTRUCTION WORK.
- ALL EXTERIOR FLOOR AND WALL PENETRATIONS MUST BE SEALED WATERTIGHT.
- ALL FLOOR AND WALL PENETRATIONS THROUGH RATED WALLS MUST BE FIRESTOPPED IN ACCORDANCE WITH SPECIFICATIONS.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING BID. THE CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND FUTURE WORK TO BE DONE. THEY SHALL INCLUDE ALL SITE INFORMATION AND CONDITIONS WITHIN THE BASE BID. THEY SHALL BE RESPONSIBLE FOR COMPLETE AND FULLY FUNCTIONING SYSTEMS.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODES. PROVIDE ALL FITTINGS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- MAINTENANCE LABEL SHALL BE AFFIXED TO ALL EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED TO OWNER'S REPRESENTATIVE.
- COORDINATE WITH ELECTRICAL TRADE PRIOR TO ORDERING ELECTRICALLY OPERATED EQUIPMENT FOR AVAILABLE VOLTAGES AT EQUIPMENT LOCATIONS.
- THESE PLANS INDICATE APPROXIMATE ROUGH-INS ONLY FOR EQUIPMENT. EXACT ROUGH-IN DIMENSIONS MUST BE OBTAINED FROM THE EQUIPMENT MANUFACTURER.

ABBREVIATIONS

AC	AIR CONDITIONER	FP	FIRE PROTECTION
AFF	ABOVE FINISHED FLOOR	FPM	FEET PER MINUTE
AI	ANALOG INPUT	FT	FEET
AO	ANALOG OUTPUT	HP	HORSEPOWER
AV	ANALOG VIRTUAL	HZ	HERTZ
BI	BINARY INPUT	KW	KILOWATTS
BO	BINARY OUTPUT	LB	POUNDS
BV	BINARY VIRTUAL	LDB	LEAVING DRY BULB
BTU	BRITISH THERMAL UNITS	MAX	MAXIMUM
COND	CONDENS, ER, ATE	MBH	THOUSAND BTUS PER HOUR
CFM	CUBIC FEET PER MINUTE	MCA	MINIMUM CURRENT AMPACITY
CU	CONDENSER UNIT	MIN	MINIMUM
D	DRAIN LINE	MOP	MAX ALLOWABLE CIRCUIT BREAKER
DD	DELEGATED DESIGN	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
DN	DOWN	PH	PHASE
EA	EXHAUST AIR	RG	REFRIGERANT GAS
EDB	ENTERING DRY BULB	RL	REFRIGERANT LIQUID
EF	EXHAUST FAN	RPM	REVOLUTIONS PER MINUTE
ETR	EXISTING TO REMAIN	S.P	STATIC PRESSURE
F	FARENHEIT	TYP	TYPICAL
FD	FLOOR DRAIN	V	VOLT

SYMBOLS

	AIR FLOW DESIGNATION
	POINT OF CONNECTION
	POINT OF REMOVAL
	THERMOSTAT

INDOOR COOLING UNIT

UNIT	ROOM	LIQUID PIPE SIZE (IN)	GAS PIPE SIZE (IN)	HOSE CONNECTION SIZE (IN)	DRAIN PIPE SIZE (IN)	QUAN.	BMS PANEL LOCATION	AIRFLOW H/M/L (CFM)	COOLING CAPACITY (BTU/Hr)	REFRIGERANT	POWER OUTPUT (WATTS)	NOM RUN CURRENT (A)	MCA	MOP	TYPE	INDOOR MODEL	WEIGHT (LB)	DIMENSIONS (WXHXD)	MANUFACTURER (BASIS OF DESIGN)	ACCESSORIES	NOTES
AC-01	B-300	3/8"	5/8"	1"	1-1/4"	1	MECH ROOM B-306	812 / 706 / 600	38,000	410A	76	0.47	0.7	15	WALL MOUNTED UNIT	AM032MNGDCH	40.8	50 3/8 X 13 9/16 X 9 15/16	SAMSUNG	WIRELESS THERMOSTAT, MOUNTING RACK AND HARDWARE, INTERNAL CONDENSATE PUMP	1-5
AC-02	B-117	1/4"	1/2"	1"	1-1/4"	1	MECH ROOM B-306	293 / 321 / 364	12,000	410A	27	0.25	0.31	15	WALL MOUNTED UNIT	AM012TNVDCH	20.9	41 1/2 X 11 3/4 X 8 7/16	SAMSUNG	WIRELESS THERMOSTAT, MOUNTING RACK AND HARDWARE, INTERNAL CONDENSATE PUMP	1-5

NOTES:

- UNITS INCLUDE INTERNAL CONDENSATE PUMP. CONTRACTOR TO FIELD INSTALL. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER TO EACH INDOOR UNIT FROM NEAREST POWER PANEL.
- PROVIDE 10 YEAR MANUFACTURERS WARRANTY ON COMPRESSOR AS WELL AS PARTS & DEFECTS, WITH ONE YEAR LABOR WARRANTY.
- PROVIDE T-STAT, INTEGRAL TO FRONT OF UNIT CASING.
- PROVIDE EXTERNAL CONTACT CONTROL INTERFACE FOR CONNECTION TO THE BUILDING MANAGEMENT SYSTEM TO REPORT STATUS / ALARM.
- PROVIDE WALL MOUNT BRACKET FOR INSTALLATION OF INDOOR UNIT.

OUTDOOR CONDENSER UNIT

UNIT	NORMAL CAPACITY (BTU/Hr)	LIQUID PIPE SIZE (IN)	GAS PIPE SIZE (IN)	QUANTITY	AIRFLOW (CFM)	PH / V / HZ	POWER OUTPUT (WATTS)	MAX CIRCUIT BREAKER	MCA (A)	TYPE	OUTDOOR MODEL	WEIGHT (LB)	DIMENSION	ACCESSORIES	MANUFACTURER (BASIS OF DESIGN)	NOTES
CU-01	48,000	3/8"	5/8"	1	3,885	1 / 208-230 / 60	125 X 2	50	29	TWIN BLDC ROTARYX1	AM048TXMDCH	216.1	37 X 47 5/8 X 13	DISCONNECT SWITCH AND NEMA 4X ENCLOSURE	SAMSUNG	1-4

NOTES:

- PROVIDE 24" OR 36" QUICK SLING STAND. PROVIDE WIND BAFFLE.
- PROVIDE WALL MOUNT BRACKETS FOR OUTDOOR UNIT. MOUNT OUTDOOR UNIT 36" OR MORE ABOVE GRADE.
- PROVIDE OUTDOOR UNIT WITH DISCONNECT SWITCH AND NEMAX ENCLOSURE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER TO OUTDOOR UNIT FROM NEAREST POWER PANEL.
- CONTRACTOR RESPONSIBLE FOR ALL TESTING AND START UP NEEDED.

EXHAUST FAN SCHEDULE

TAG	FLOOR LOCATION	TYPE	CFM	DRIVE	STATIC PRESSURE	BMS PANEL LOCATION	RPM	AMP	WATTS	V/Hz/PH	MODEL	MANUFACTURER (BASIS OF DESIGN)	NOTES
EF-C01	1	EXHAUST	100	DIRECT	0.10	TBD	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C02	2	EXHAUST	100	DIRECT	0.10	FAN ROOM 102	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C03	3	EXHAUST	100	DIRECT	0.10	MECH ROOM 503/504	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C04	4	EXHAUST	100	DIRECT	0.10	ELEC ROOM 104	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C05	5	EXHAUST	100	DIRECT	0.10	AC EQUIP ROOM 559B	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C06	6	EXHAUST	100	DIRECT	0.10	MECH ROOM 108	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C07	7	EXHAUST	100	DIRECT	0.10	TBD	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C08	8	EXHAUST	100	DIRECT	0.10	TBD	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C09	9	EXHAUST	100	DIRECT	0.10	TBD	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C10	10	EXHAUST	100	DIRECT	0.10	MECH ROOM 213B	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C11	11	EXHAUST	100	DIRECT	0.10	MECH ROOM 212	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C12	12	EXHAUST	100	DIRECT	0.10	EQUIP ROOM 115	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C13	13	EXHAUST	100	DIRECT	0.10	ELEC CLOSET 106	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C14	14	EXHAUST	100	DIRECT	0.10	TBD	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C15	15	EXHAUST	100	DIRECT	0.10	TBD	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2
EF-C16	16	EXHAUST	100	DIRECT	0.10	TBD	855	1.15	80	115/60/1	SP-110-VG	GREENHECK	1,2

NOTES:

- PROVIDE CAT-6 ETHERNET CABLE TO CONNECT EXHAUST FAN TO EXISTING BMS PANEL.

GENERAL FIRE PROTECTION NOTES

- PROVIDE ALL WORK IN COMPLIANCE WITH REDUNDANT LOCAL, STATE AND FEDERAL CODES. OBTAIN ALL REQUIRED PERMITS.
- PROVIDE ALL REQUIRED EXCAVATION, BACKFILL AND COMPACTION FOR ALL UNDERGROUND WORK UP TO CONNECTION WITH SITE PIPING.
- PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH OWNER AND GENERAL CONTRACTOR AND ALL TRADES.
- PROVIDE SCHEDULE 40 GALVANIZED STEEL PIPE SLEEVES FOR ALL UNDERGROUND PIPING PASSING THROUGH OR UNDER FOOTINGS, WALLS, FOUNDATION WALLS, SLAB FLOORS AND/OR UNDERGROUND STRUCTURES. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CONNECT TO SITE PIPING OUTSIDE BUILDING AS SHOWN. PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND CONNECTIONS. FIELD VERIFY EXACT LOCATION, DEPTH, AND COMPOSITION OF SITE SERVICES AND COORDINATE ALL WORK WITH SITE CONTRACTOR.
- REFER TO ARCHITECTURAL DRAWINGS AND THE PROJECT SPECIFICATIONS FOR ANY PROJECT PHASING REQUIREMENTS.
- SPRINKLER SYSTEMS SHALL BE HYDRAULICALLY CALCULATED PER NFPA 13-2016 CHAPTER "PLANS AND CALCULATIONS". BY THE INSTALLING CONTRACTOR. ALL PLANS AND CALCULATIONS SHALL BE PREPARED, SEALED, AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN NEW YORK STATE.
- PIPING SIZES AND SPRINKLER HEAD LOCATIONS SHOWN ON DRAWINGS ARE FOR BIDDING PURPOSES ONLY. FINAL SIZES AND LOCATIONS SHALL BE PROVIDED VIA APPROVED, STAMPED SHOP DRAWINGS AS PER SPECIFICATIONS.

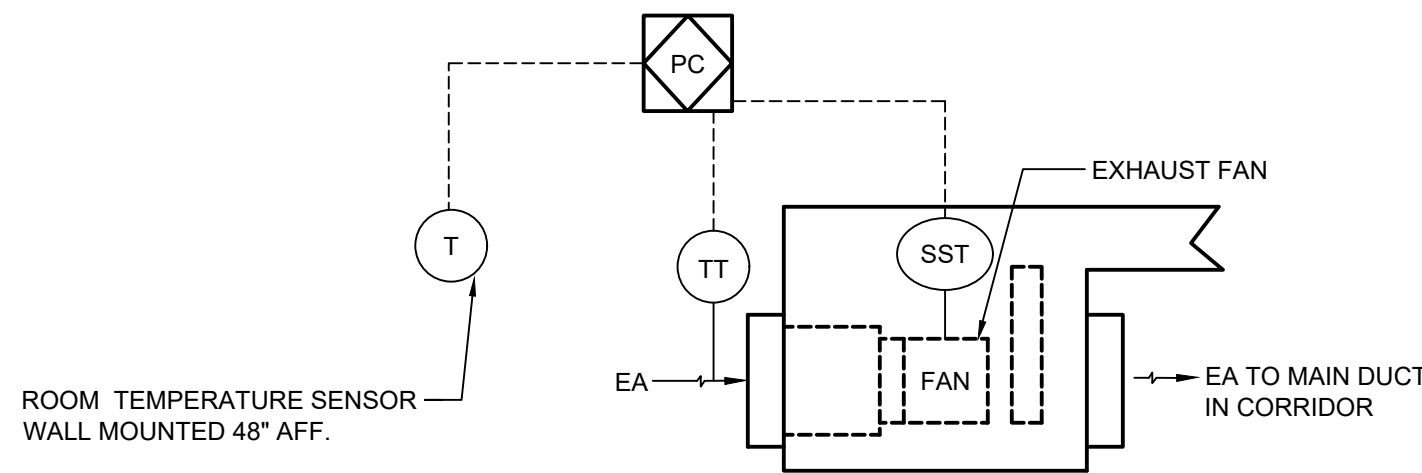
SPRINKLER HEAD SCHEDULE

SYMBOL	TYPE	LOCATION
	WET, QUICK RESPONSE, PENDANT TYPE	HEATED SPACES, WITH FINISH CEILINGS
	WET, QUICK RESPONSE, UPRIGHT TYPE	HEATED SPACES, WITHOUT CEILINGS - MECH. ROOMS

JOB: BUILDING: VA BROOKLYN	SYSTEM SOFTWARE/CONTROL	
	HARDWARE POINTS	SOFTWARE POINTS
SYSTEM: VARIABLE REFRIGERANT SYSTEM	DISCONNECT SWITCH	DISCONNECT SWITCH
	WIRELESS THERMOSTAT	WIRELESS THERMOSTAT
	CONDENSATE PUMP	CONDENSATE PUMP
	INTERNAL CONDENSATE PUMP	INTERNAL CONDENSATE PUMP
SYSTEM COMPONENT:	Zone Temperature	REMARKS
	Zone Temperature Setpoint	
	Zone Setpoint Adjust	
	Zone Override	
	Fan Status	
	Fan Speed	
	Operation Mode	
	Compressor Status	
	Unit Alarm	
	Schedule	

NOTES:

- PROVIDE BACNET MS/TP AND IF COMPATIBLE CONTROLS INTERFACE. TIE INTO EXISTING LOGICAL CONTROL SOLUTIONS, INC BMS SYSTEM.
- RUN A CAT 6 CABLE IN 3/4" CONDUIT FROM THE CONTROLS CONNECTION AT THE CONDENSER TO THE NEAREST BMS CONTROL PANEL WHICH MAY BE LOCATED IN THE SERVER ROOM OR MECHANICAL ROOM.



NOTES:

- EXHAUST FAN SHALL OPERATE BASED ON A TEMPERATURE SETPOINT. SET BY THE ECC. THE SERIES FAN SHALL RUN INTERMITTENTLY DURING OCCUPIED HOURS. THE SPACE TEMPERATURE SHALL BE MAINTAINED BETWEEN 60° (ADJ.) AND 65°F (ADJ.).

1 EXHAUST FAN CONTROL DIAGRAM

NTS

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STAMP



ARCHITECT/ENGINEERS:



259 St. Ives Dr.
Talent, OR 97540

APPROVED BY: VJC

DATE: 08/24/22

Drawing Title

MECHANICAL SCHEDULES,
NOTES, AND LEGENDS

Approved: Project Director

Project Title
UPGRADE LIFE SAFETY CRITICAL BRANCH
ELECTRIC DISTRIBUTION,
NY HARBOR HEALTHCARE CENTER
VA BROOKLYN CAMPUS

Location
800 POLY PLACE, BROOKLYN NY 11209

Issue Date
08/24/2022

Checked
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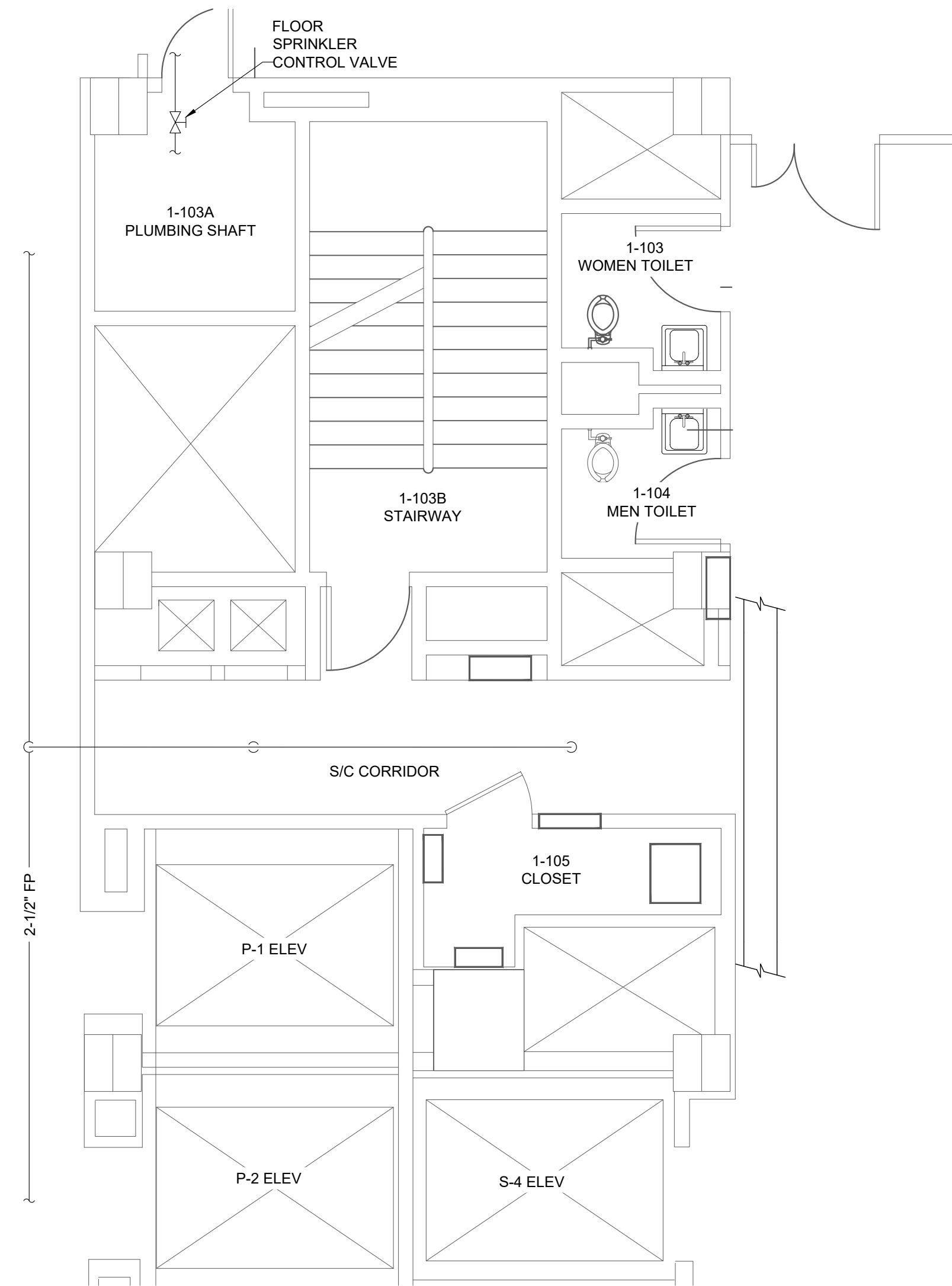
Project Number
630A4-16-430

Building Number
1

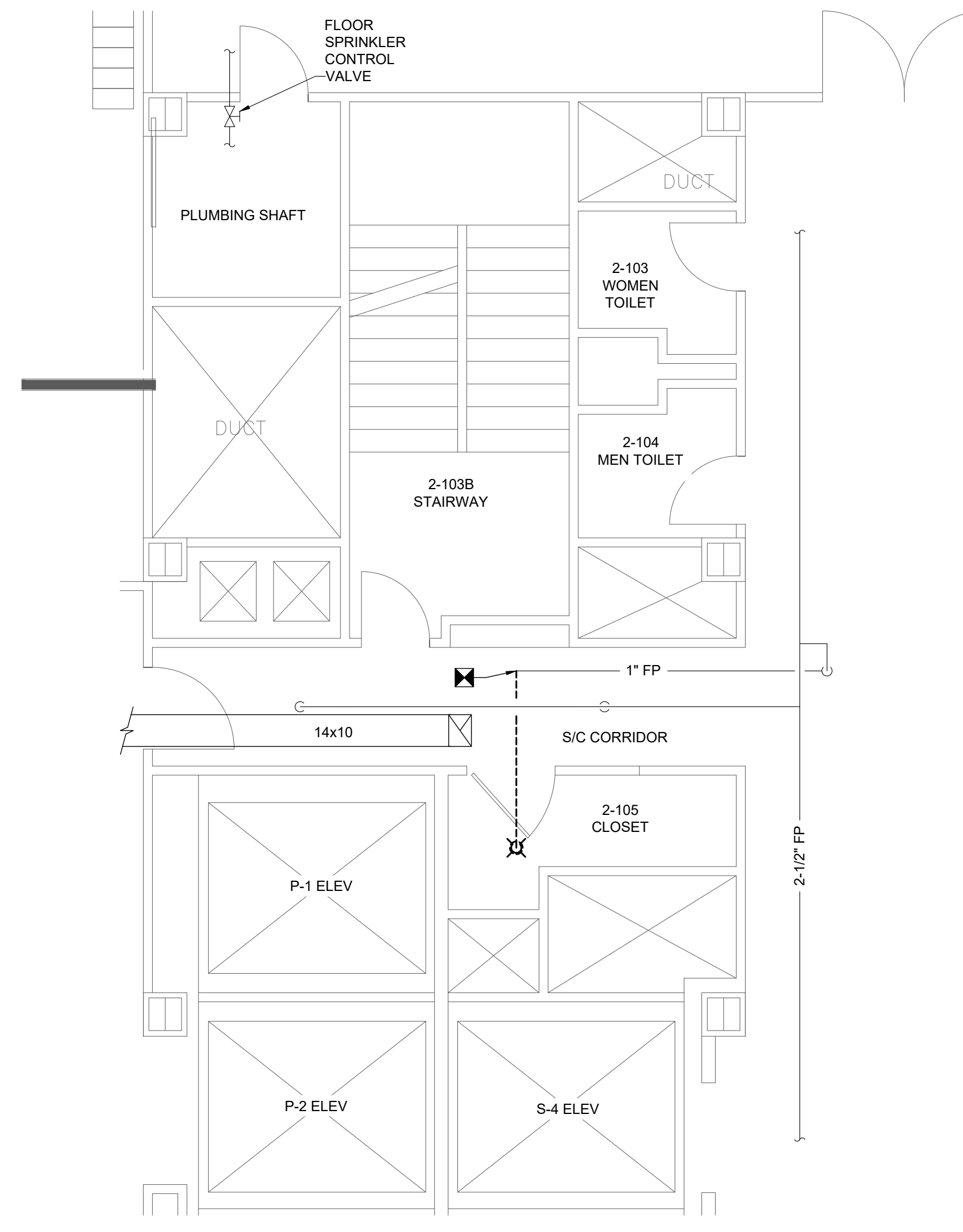
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18-01-BK
M-001
Dwg. 17 of 91

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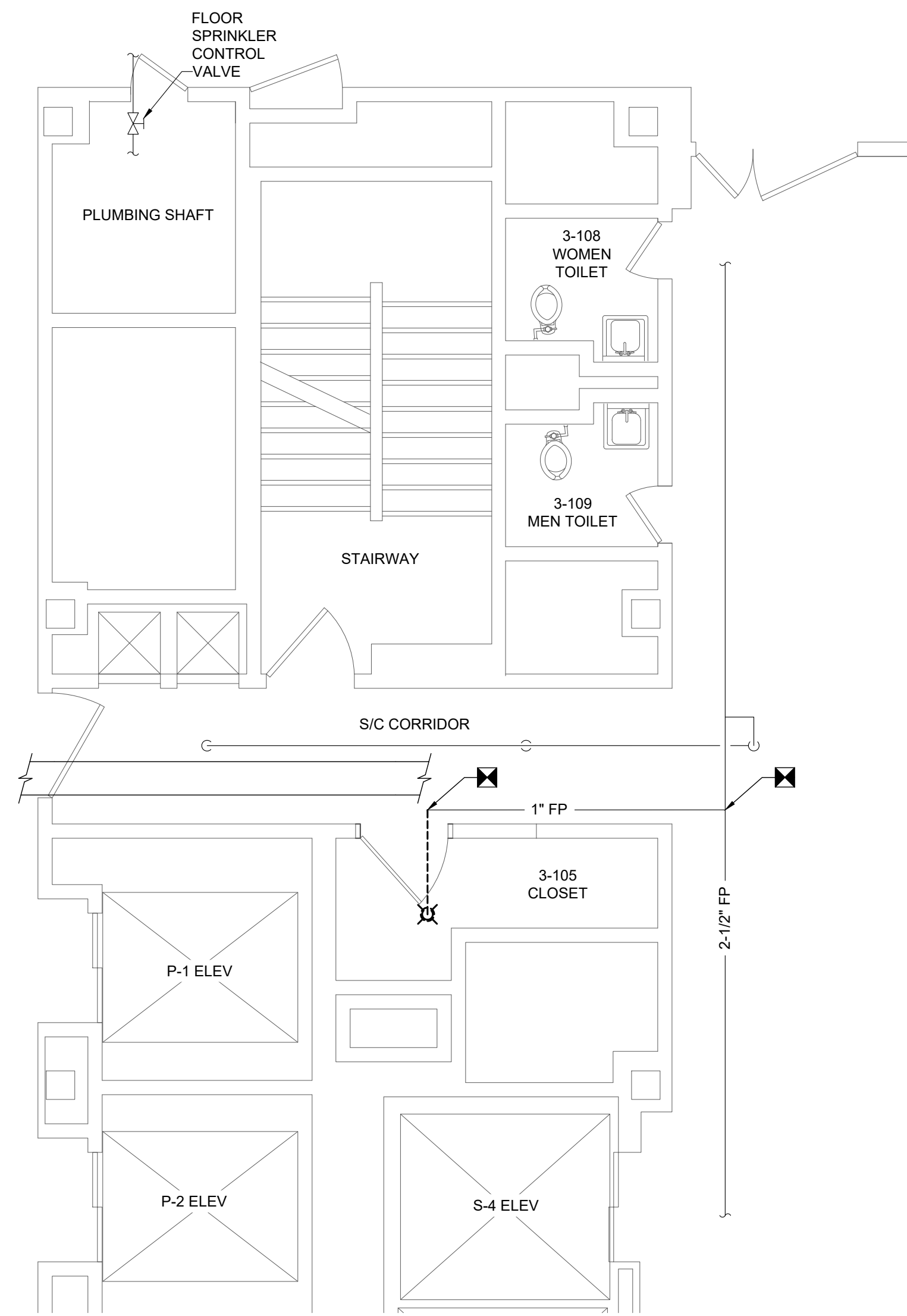




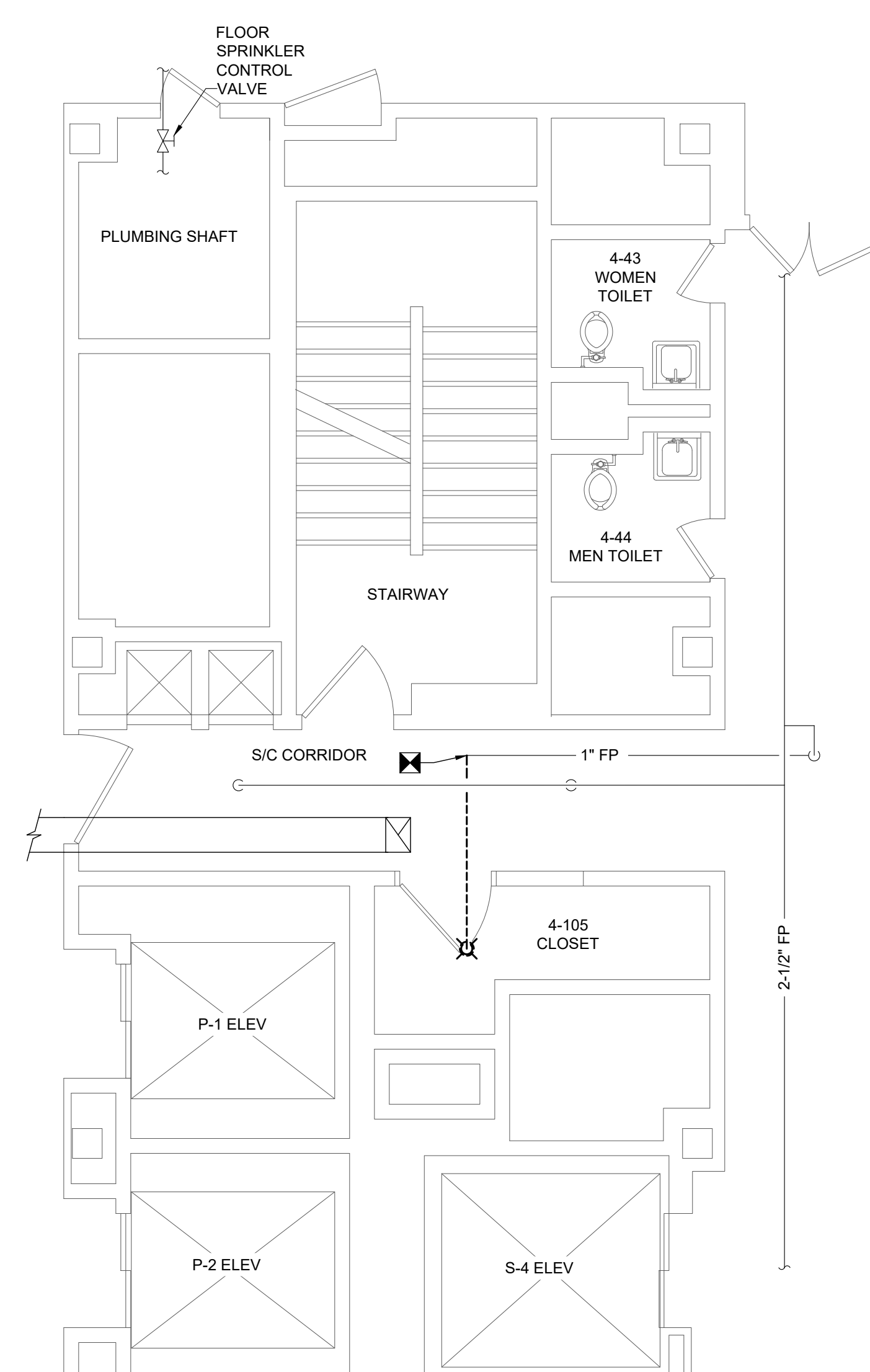
1 FIRST FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

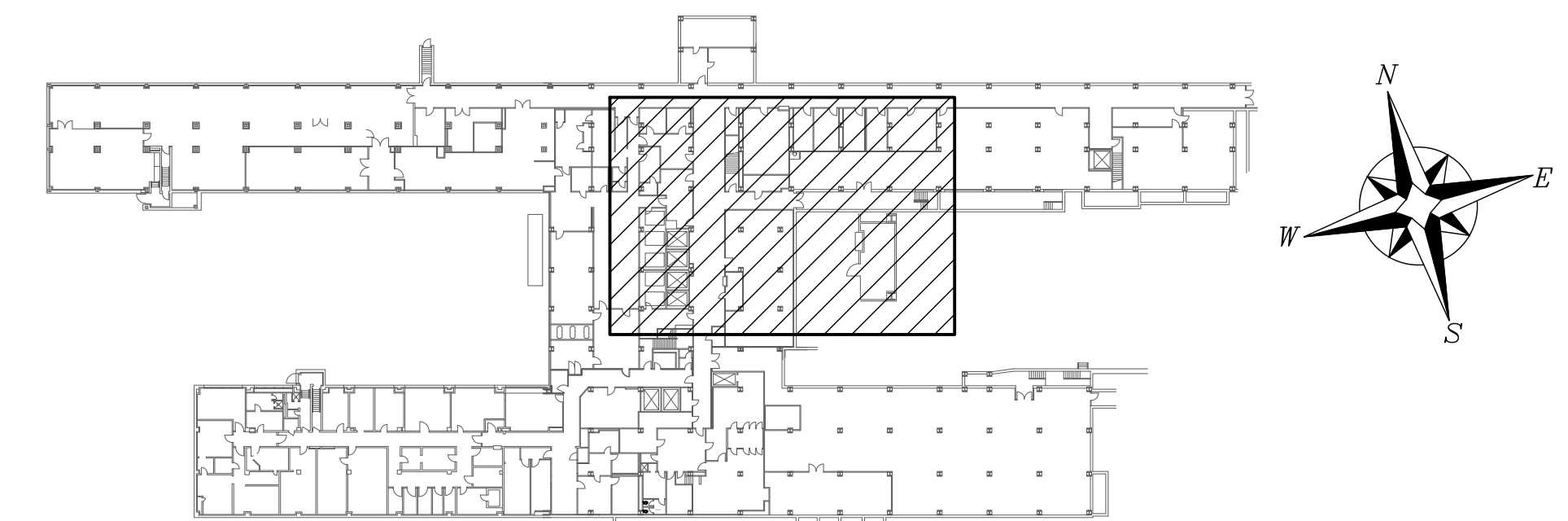


3 THIRD FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



4 FOURTH FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
1. COORDINATE AND NOTIFY THE SPRINKLER SHUT DOWN WITH VA FACILITY AT LEAST 10 DAYS PRIOR TO SPRINKLER DEMOLITION WORK.
 2. DISCONNECT AND REMOVE SPRINKLER HEADS AND 1" PIPING BACK TO POINT OF DISCONNECTION AS SHOWN.



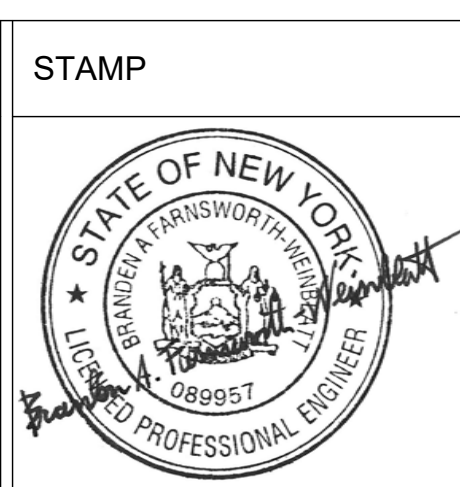
LOCATION KEY - BUILDING 1

REV. 0 ISSUED FOR CONSTRUCTION	08/24/22
Revisions:	Date

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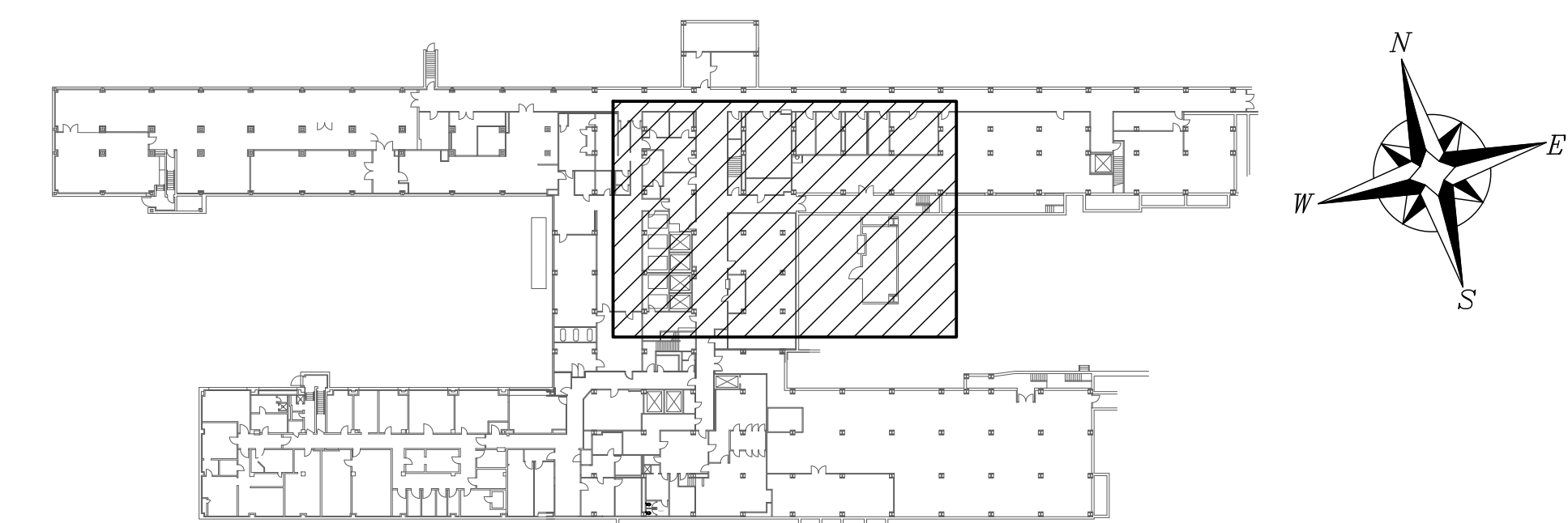
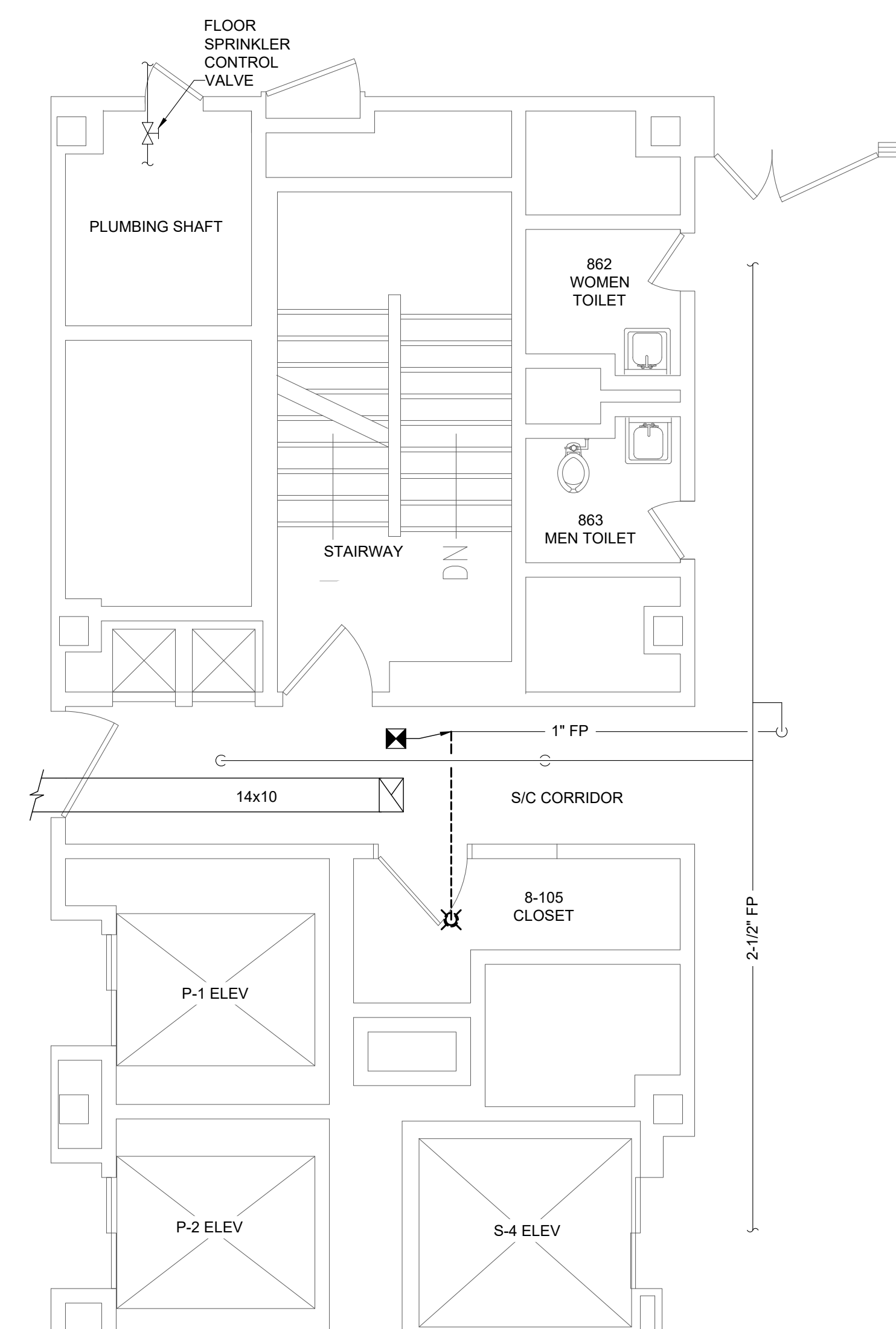
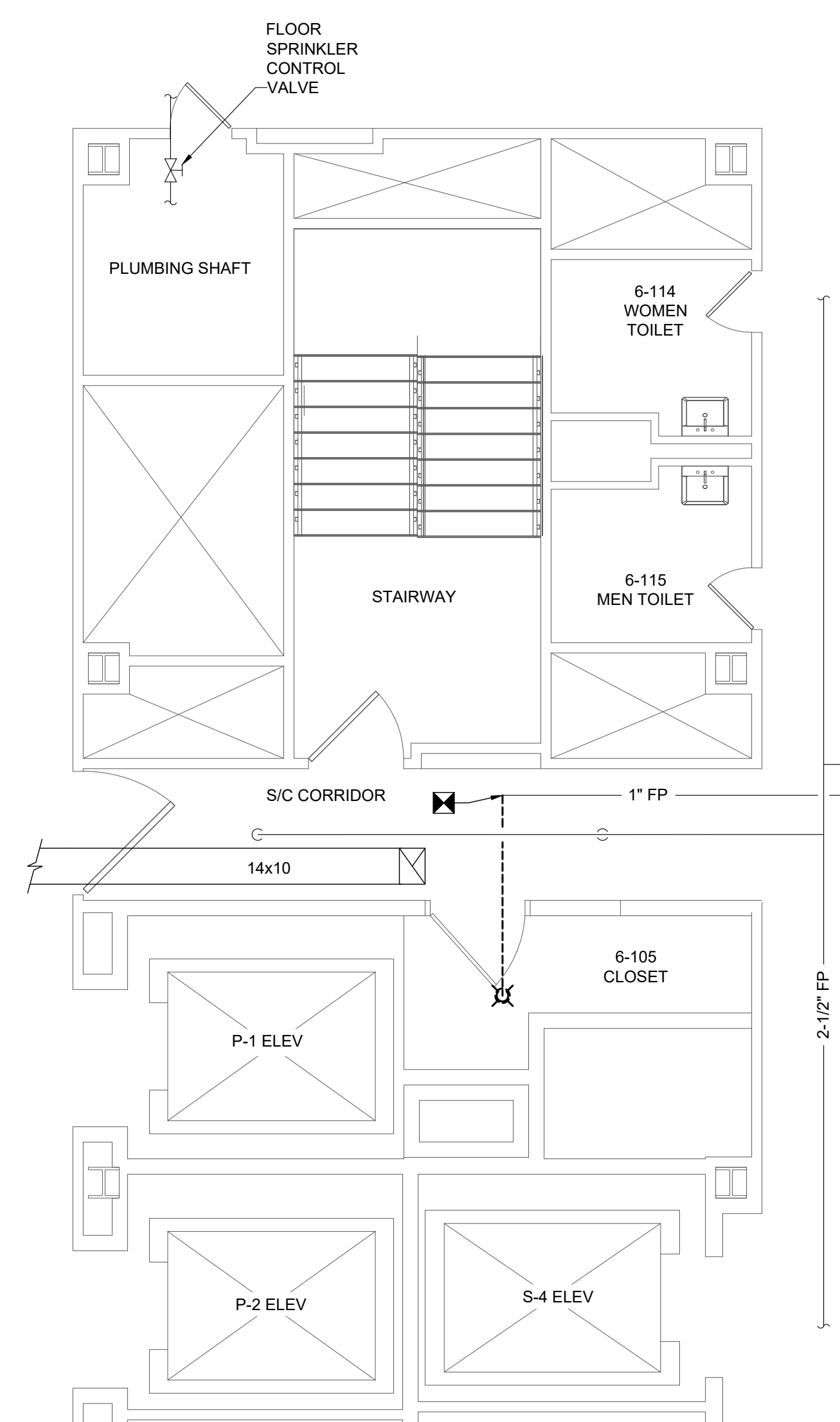
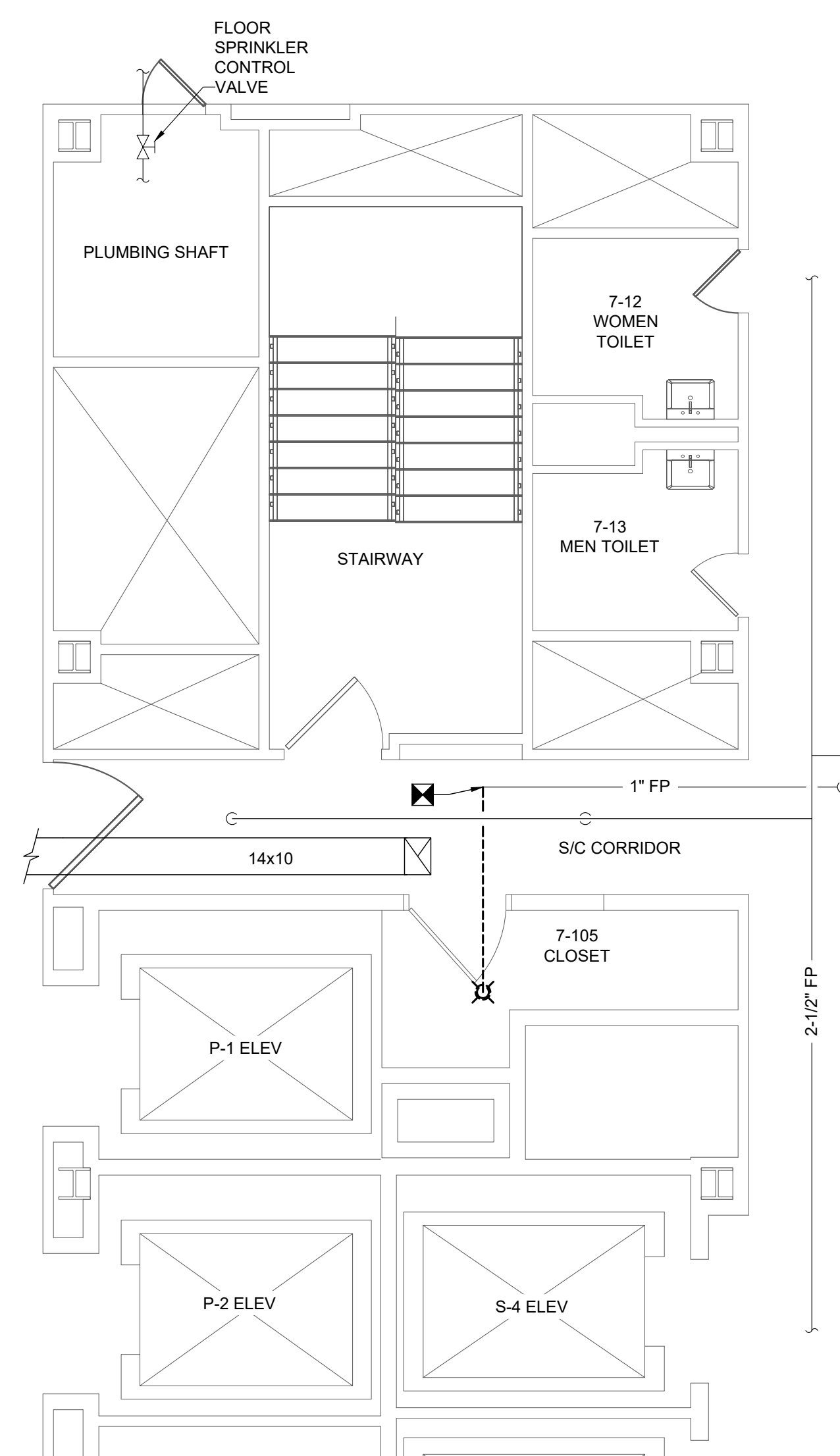
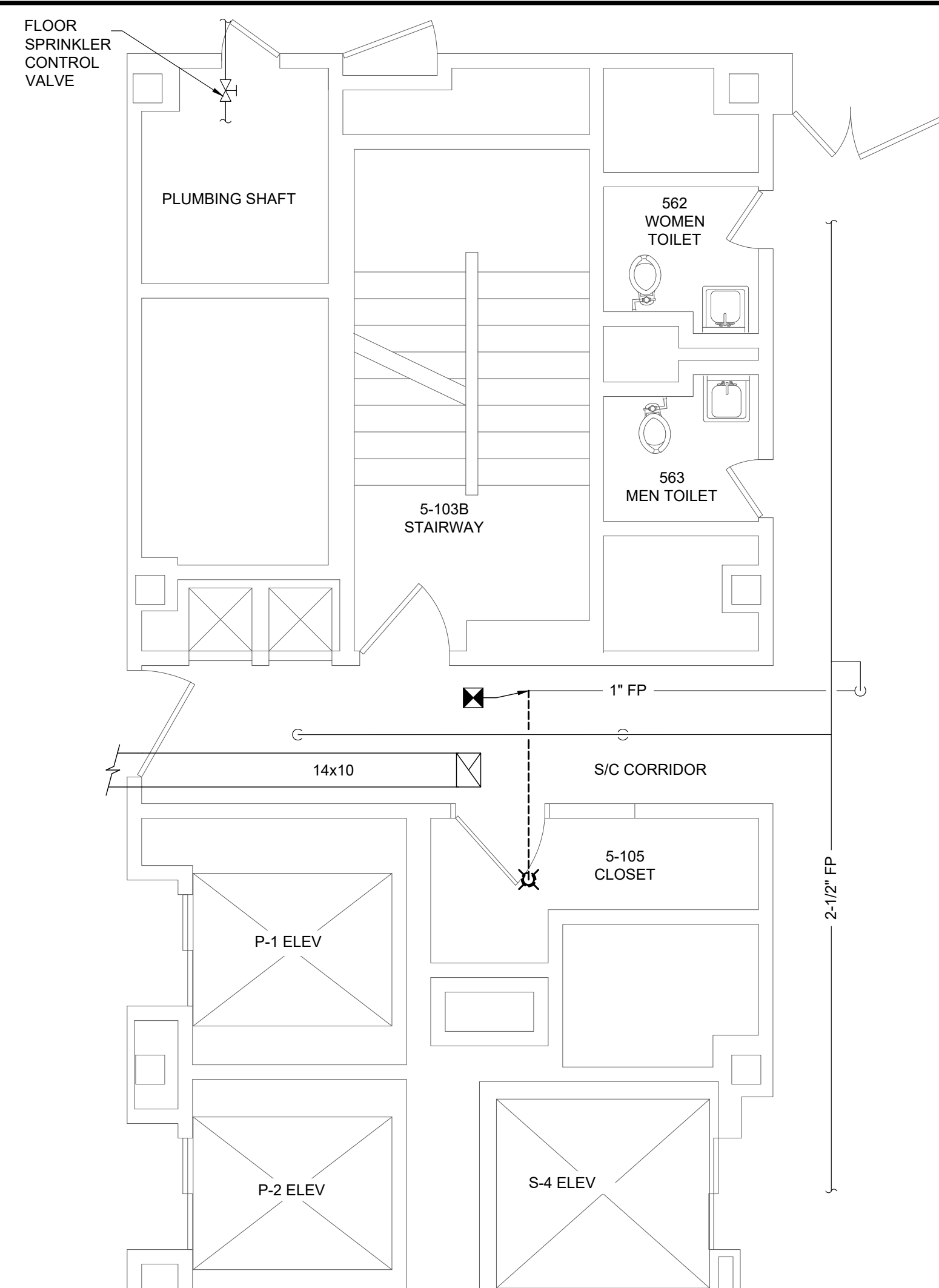
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VJC	08/24/22

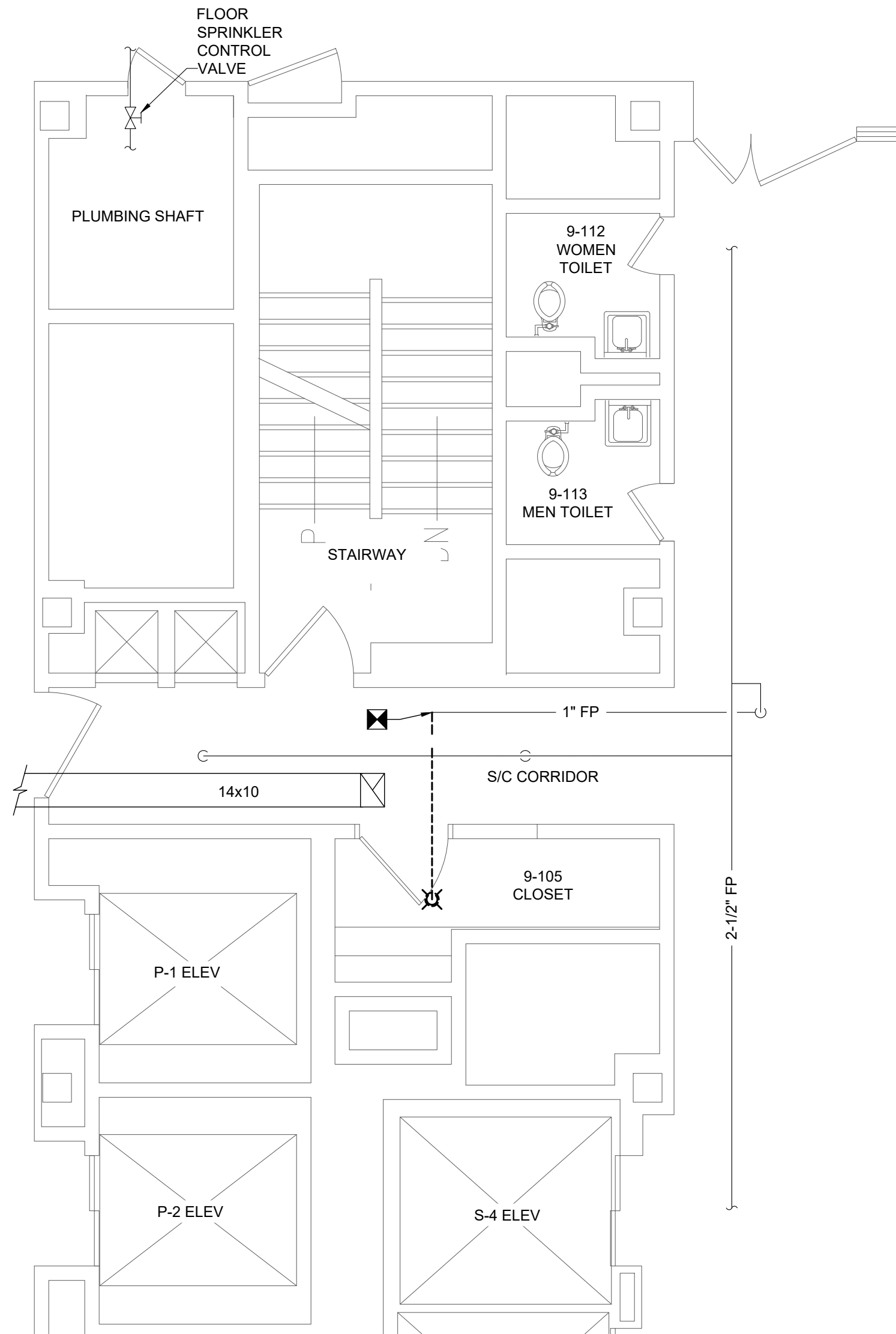
Drawing Title
FIRST TO FOURTH FLOOR HVAC AND FIRE PROTECTION DEMOLITION PLANS
Approved: Project Director

Project Title
UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS
Location
800 POLY PLACE, BROOKLYN NY 11209
Issue Date
08/24/2022

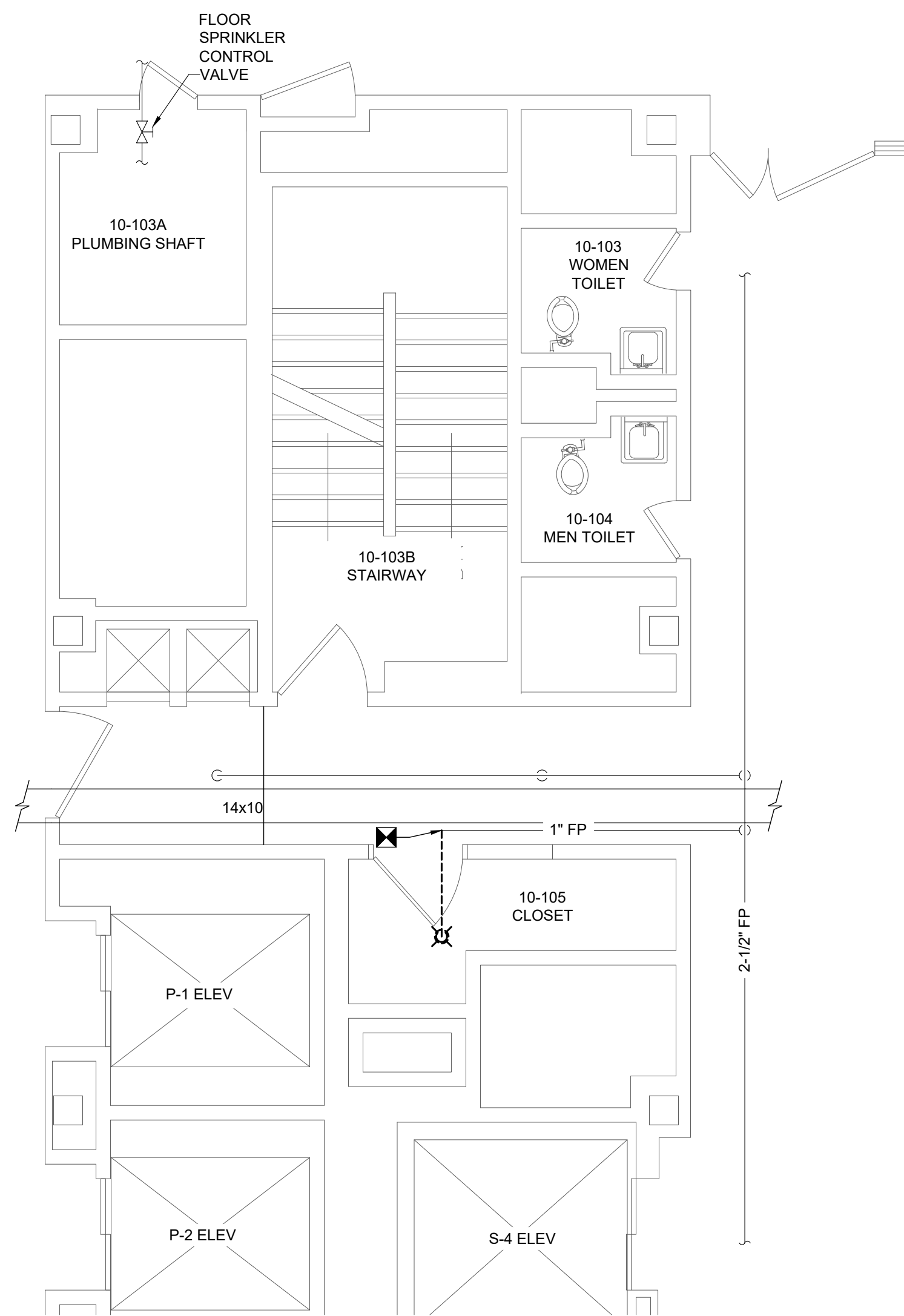
Project Number
630A4-16-430
Building Number
1
Drawing Number
18-01-BK MD-102
Dwg. 19 of 91

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and Facilities
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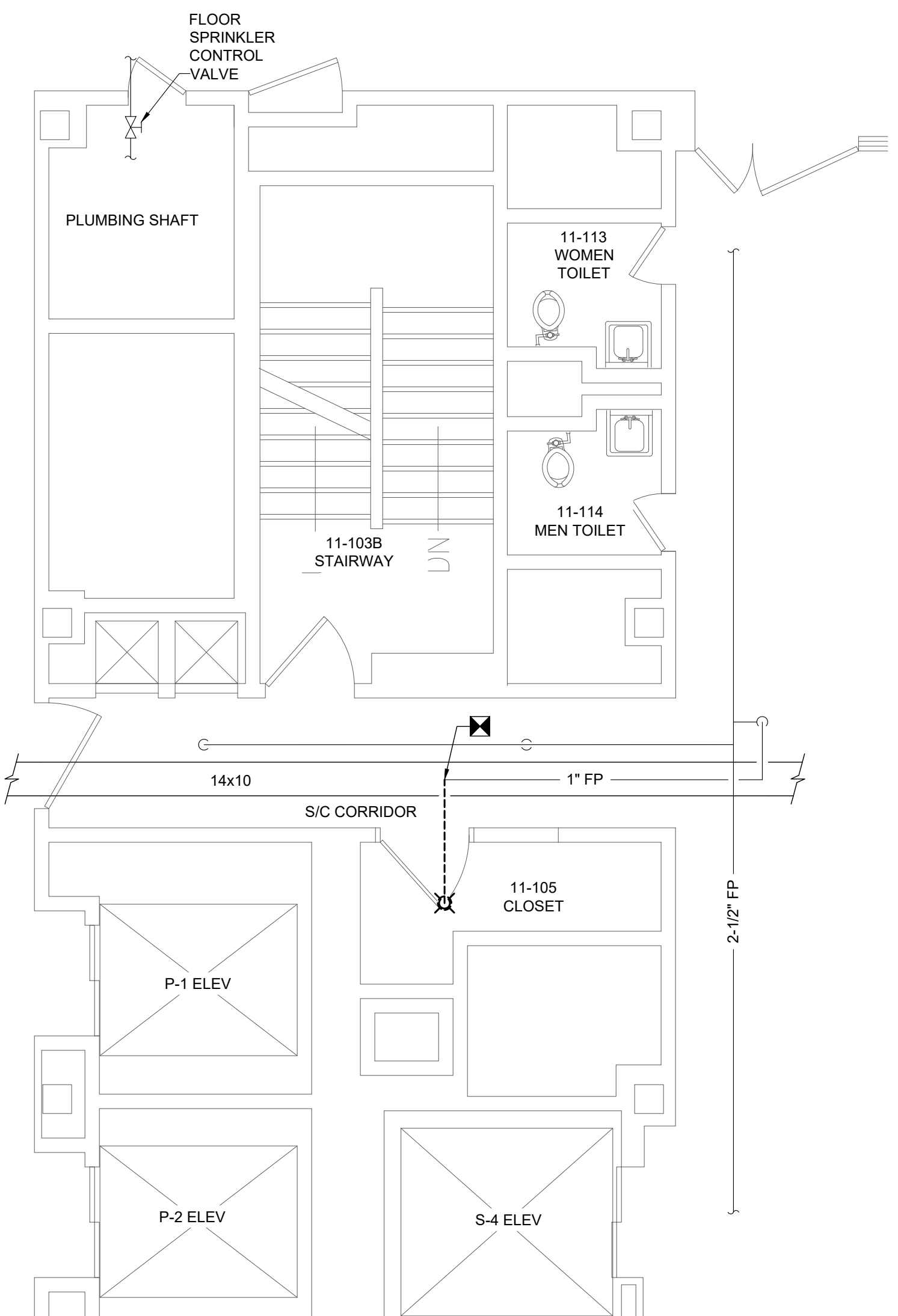
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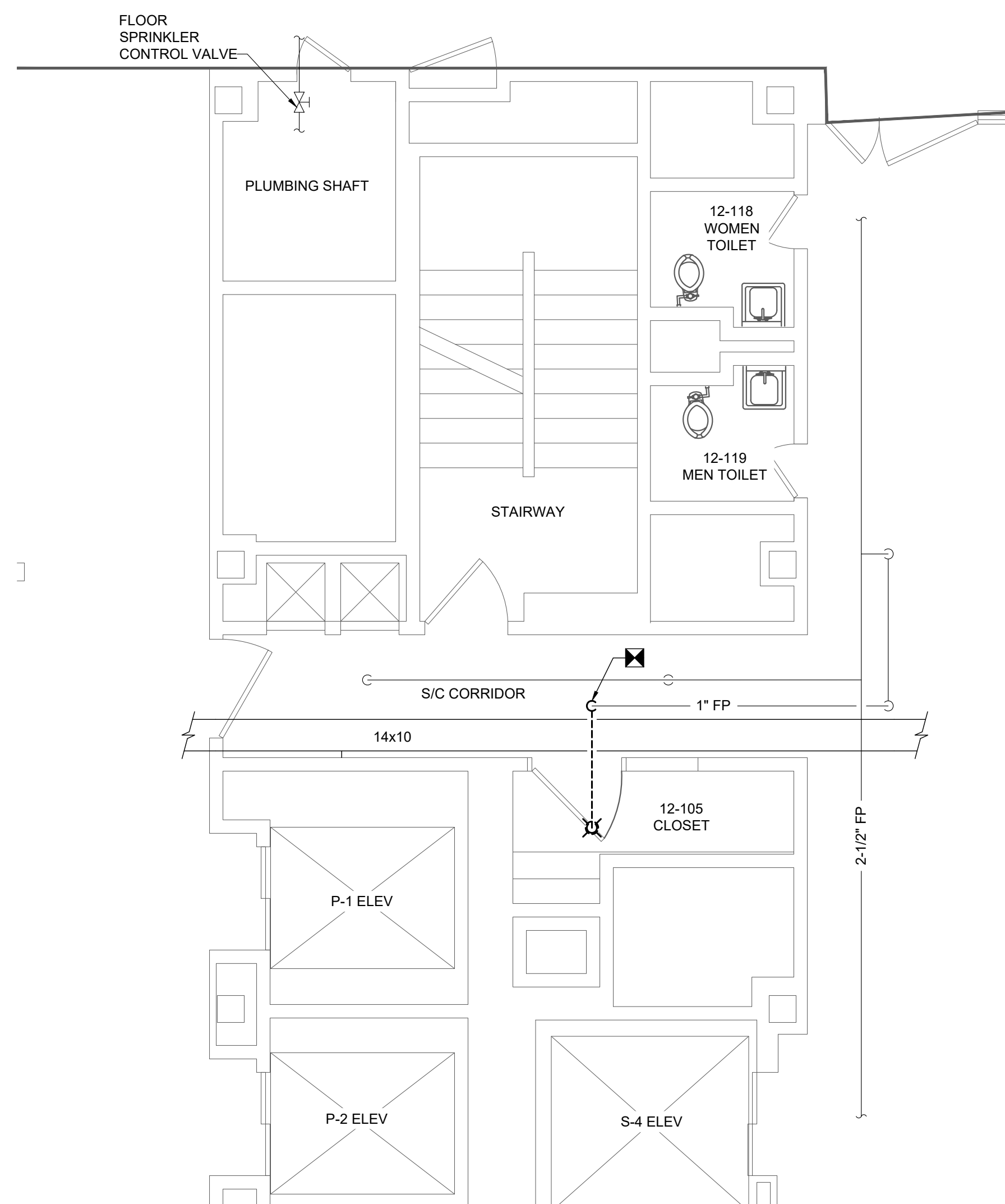
1 NINTH FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



2 TENTH FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

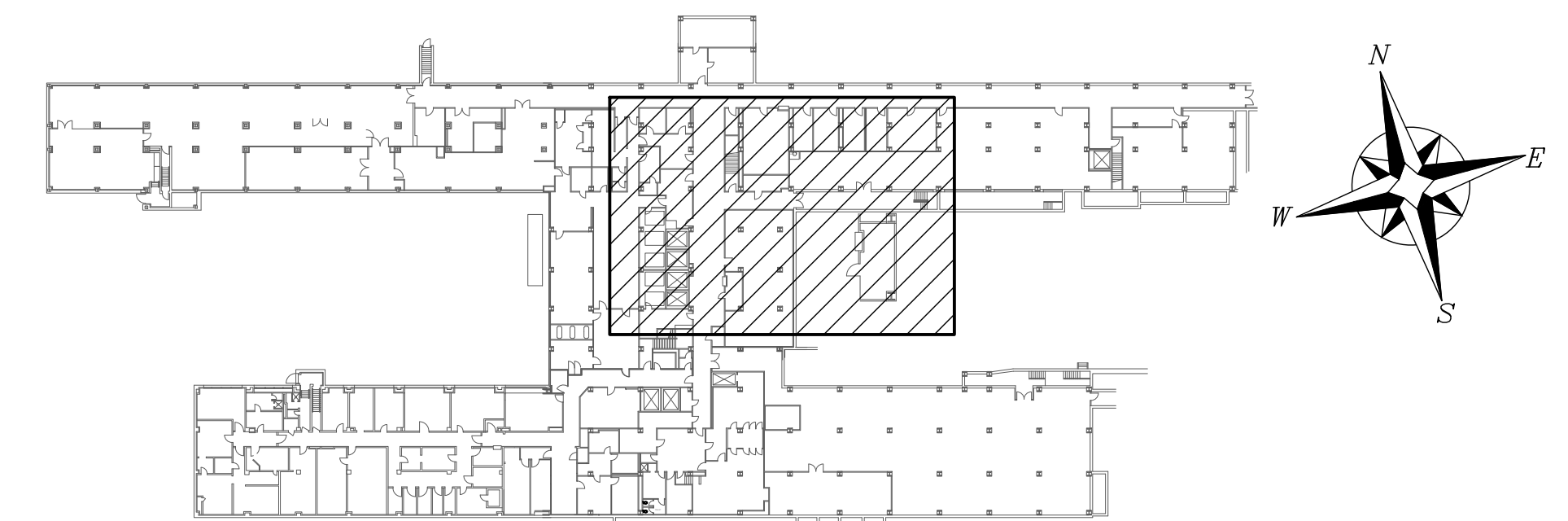


3 ELEVENTH FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



4 TWELFTH FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

- GENERAL NOTES:
1. DISCONNECT AND REMOVE SPRINKLER HEADS AND 1" PIPING BACK TO POINT OF DISCONNECTION AS SHOWN.



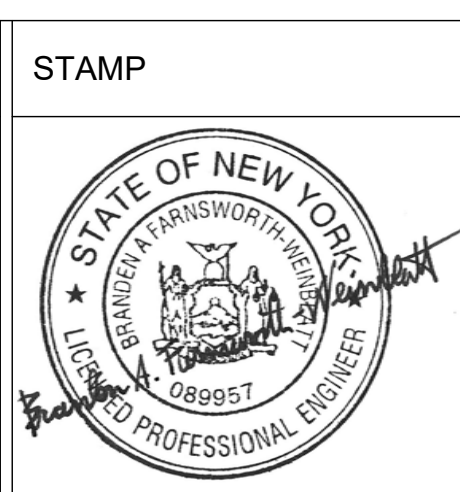
LOCATION KEY - BUILDING 1

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Revisions:	Date

CONSULTANTS:

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ARCHITECT/ENGINEERS:

D2X Associates

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APPROVED BY: VJC

DATE: 08/24/22

Drawing Title

NINTH TO TWELFTH FLOOR HVAC AND FIRE PROTECTION DEMOLITION PLANS

Approved: Project Director

Project Title

UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS

Location

800 POLY PLACE, BROOKLYN NY 11209

Issue Date

08/24/2022

Project Number

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Building Number

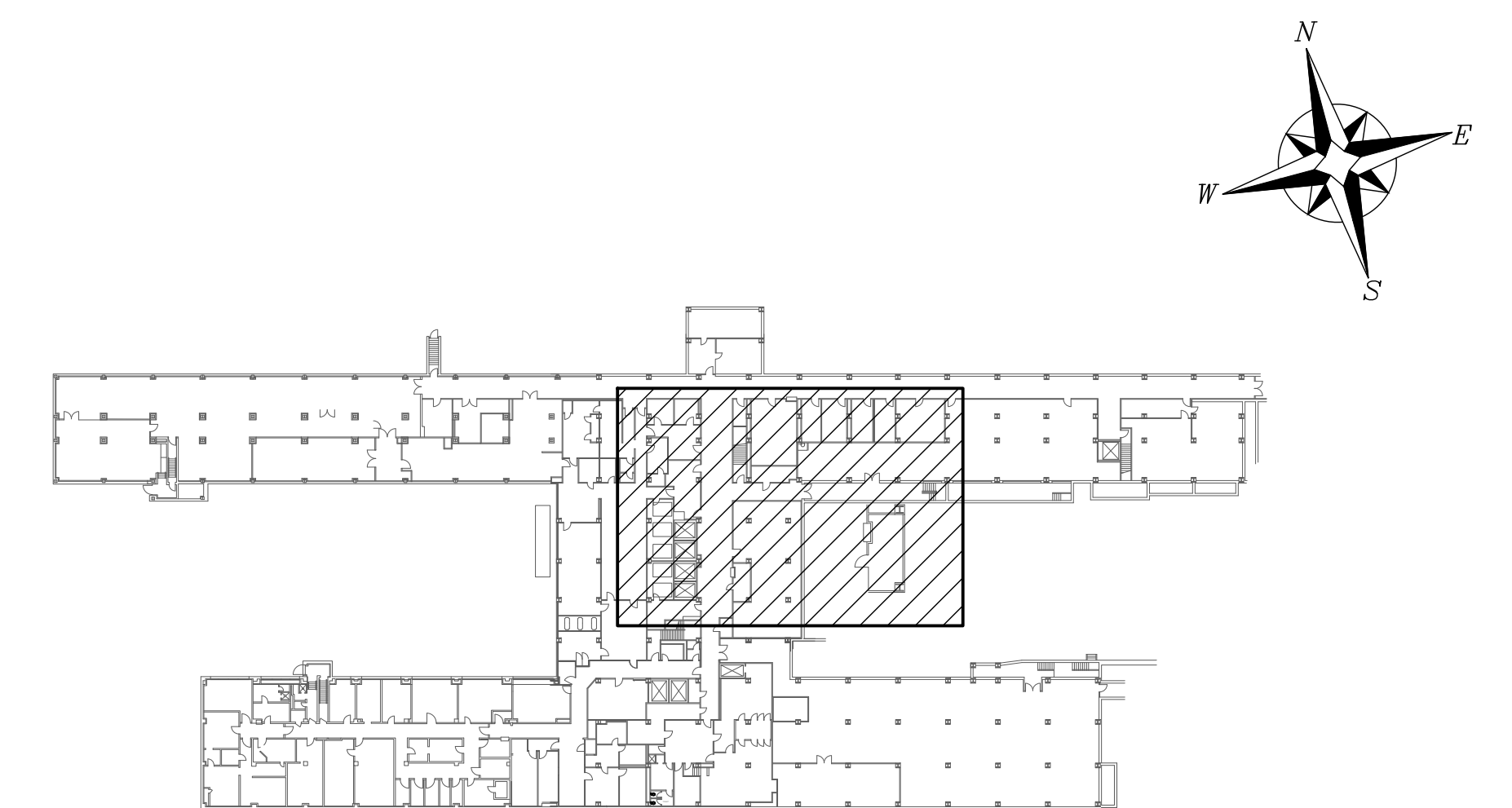
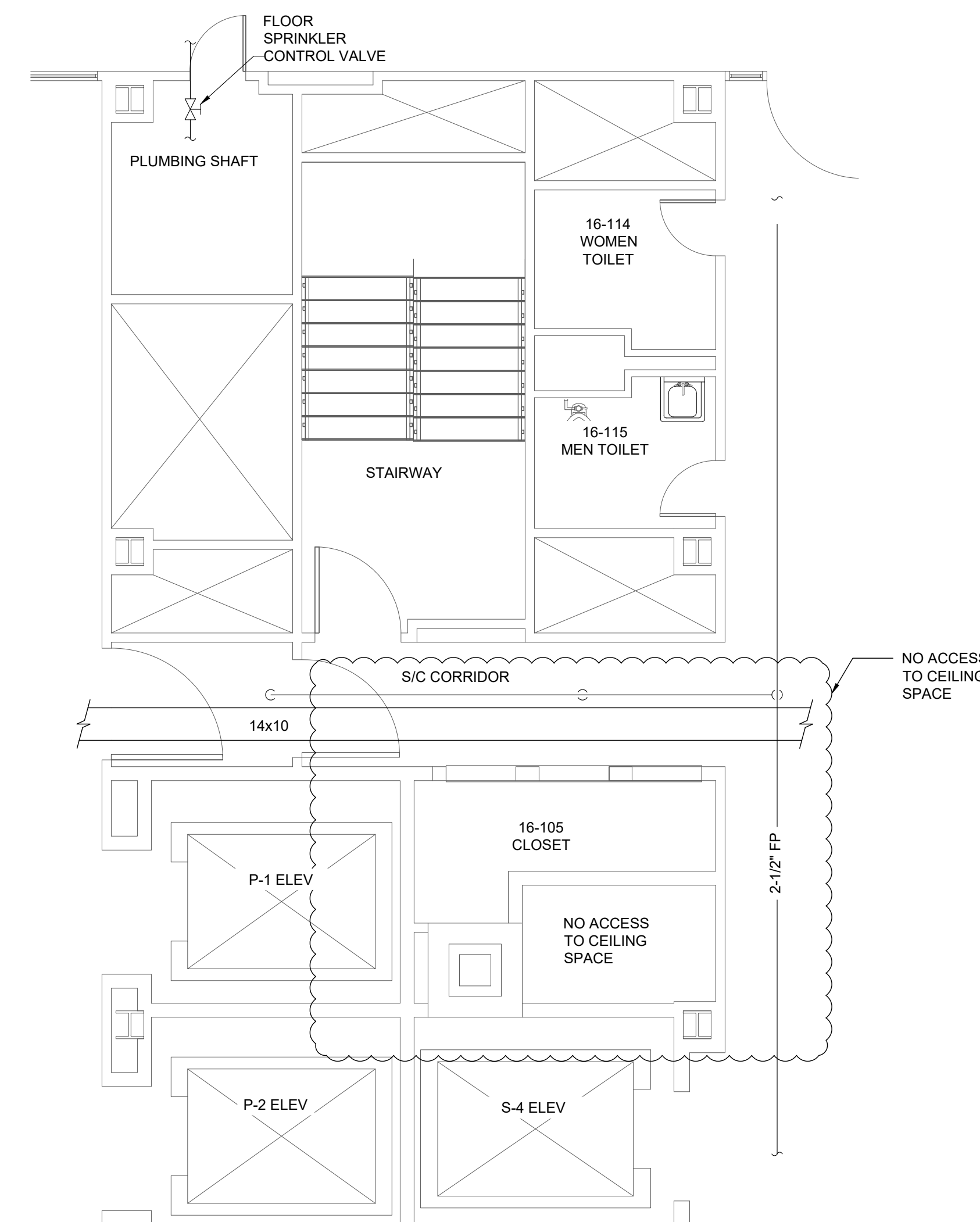
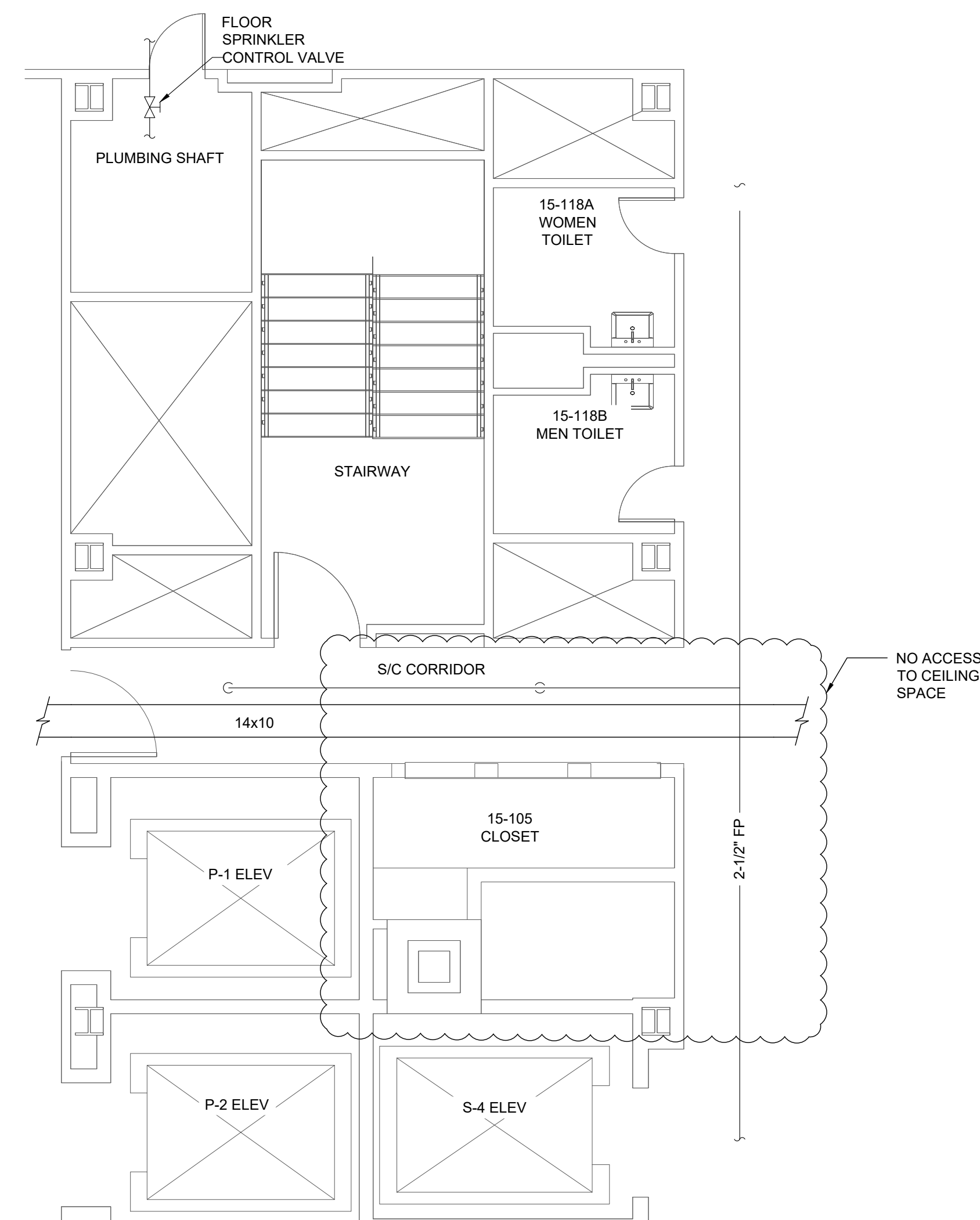
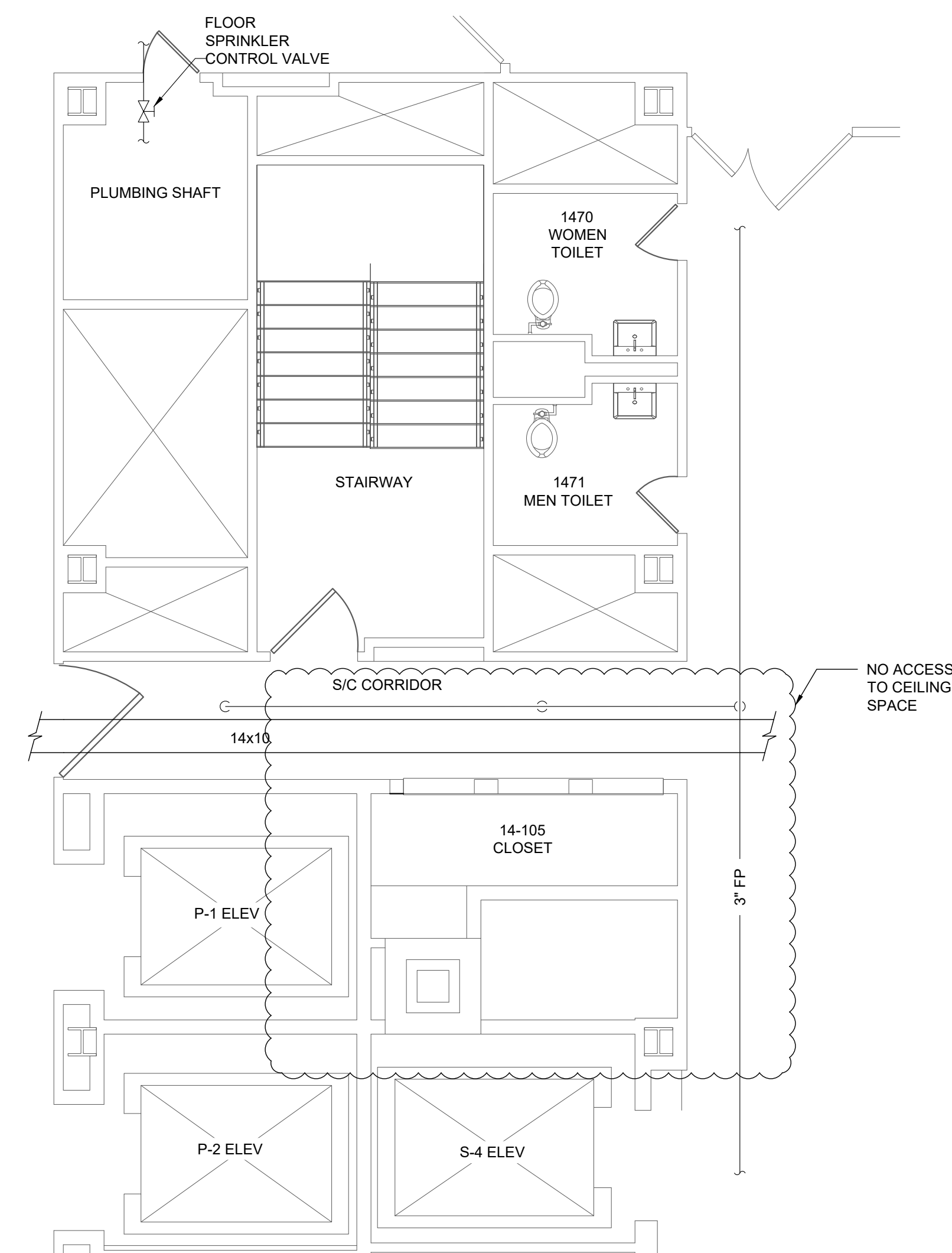
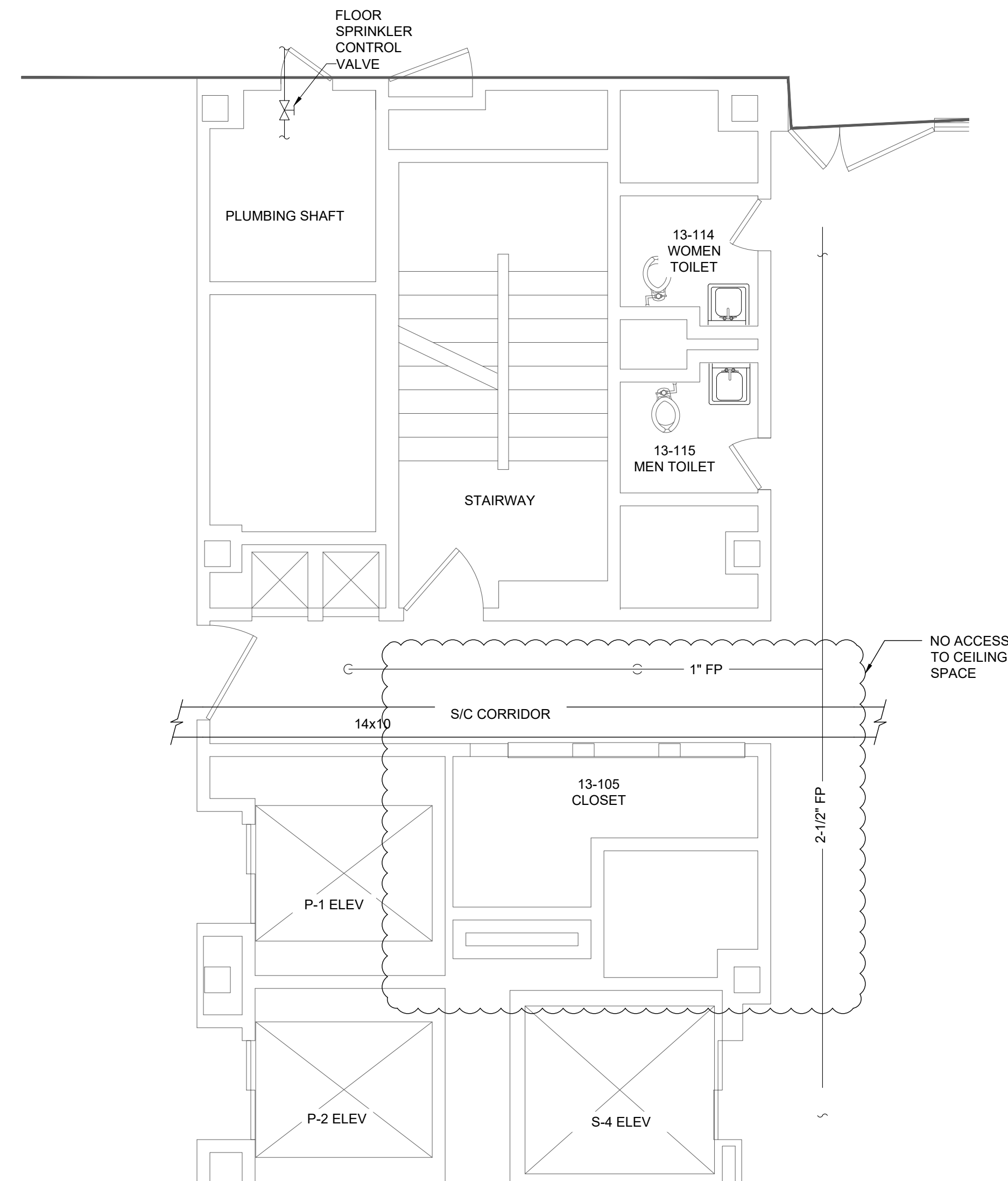
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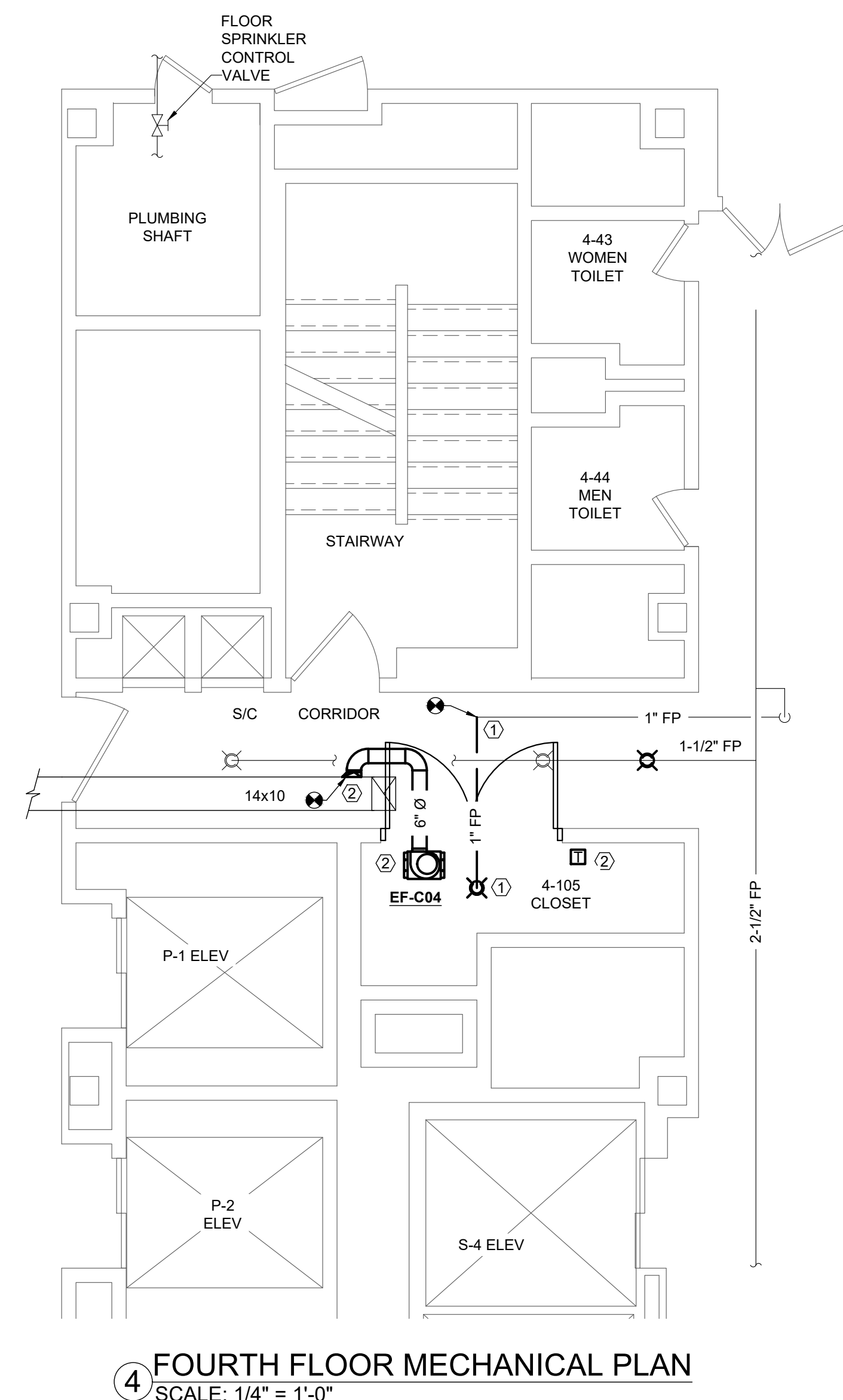
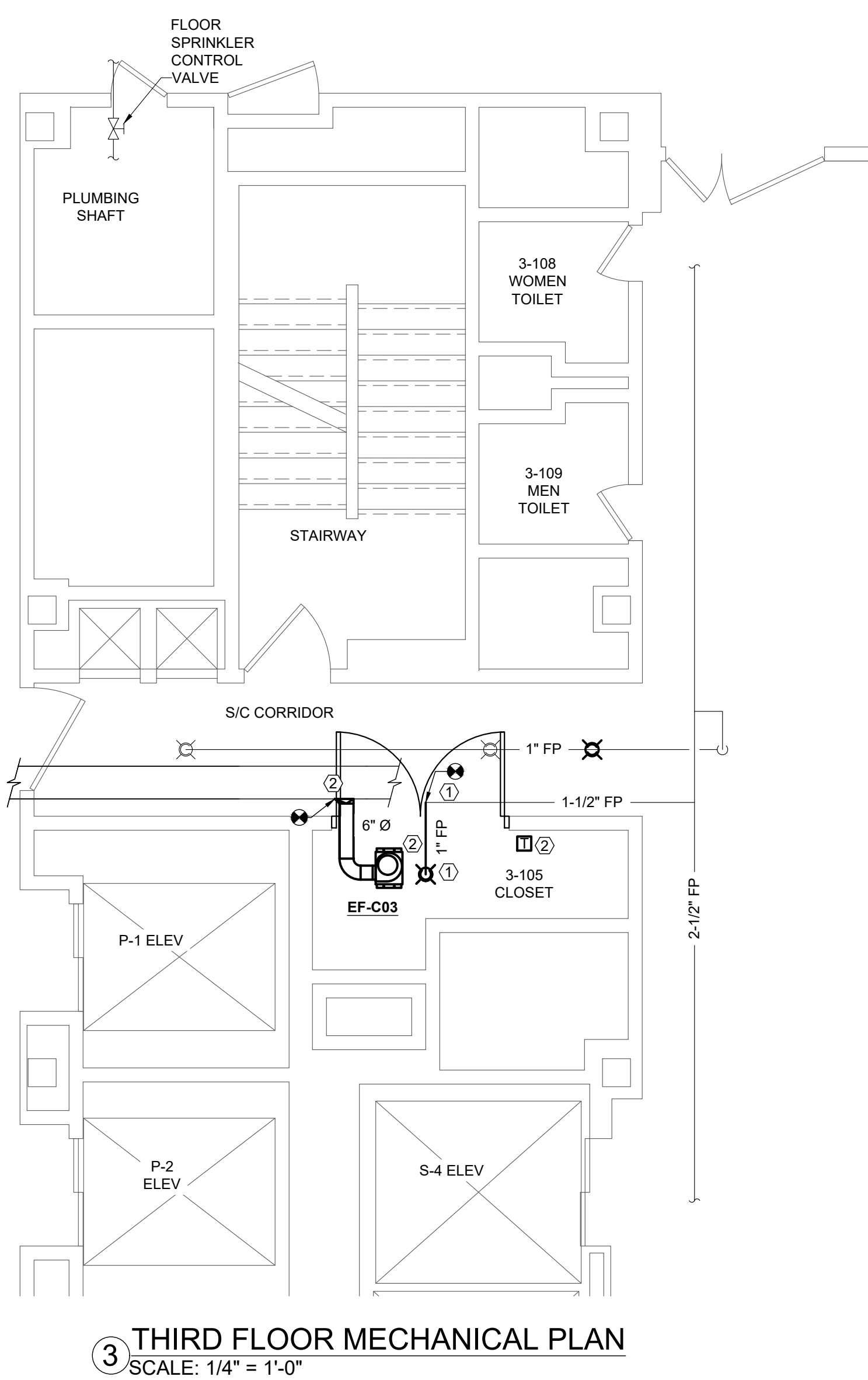
Drawing Number

18-01-BK MD-104

Dwg. 21 of 91

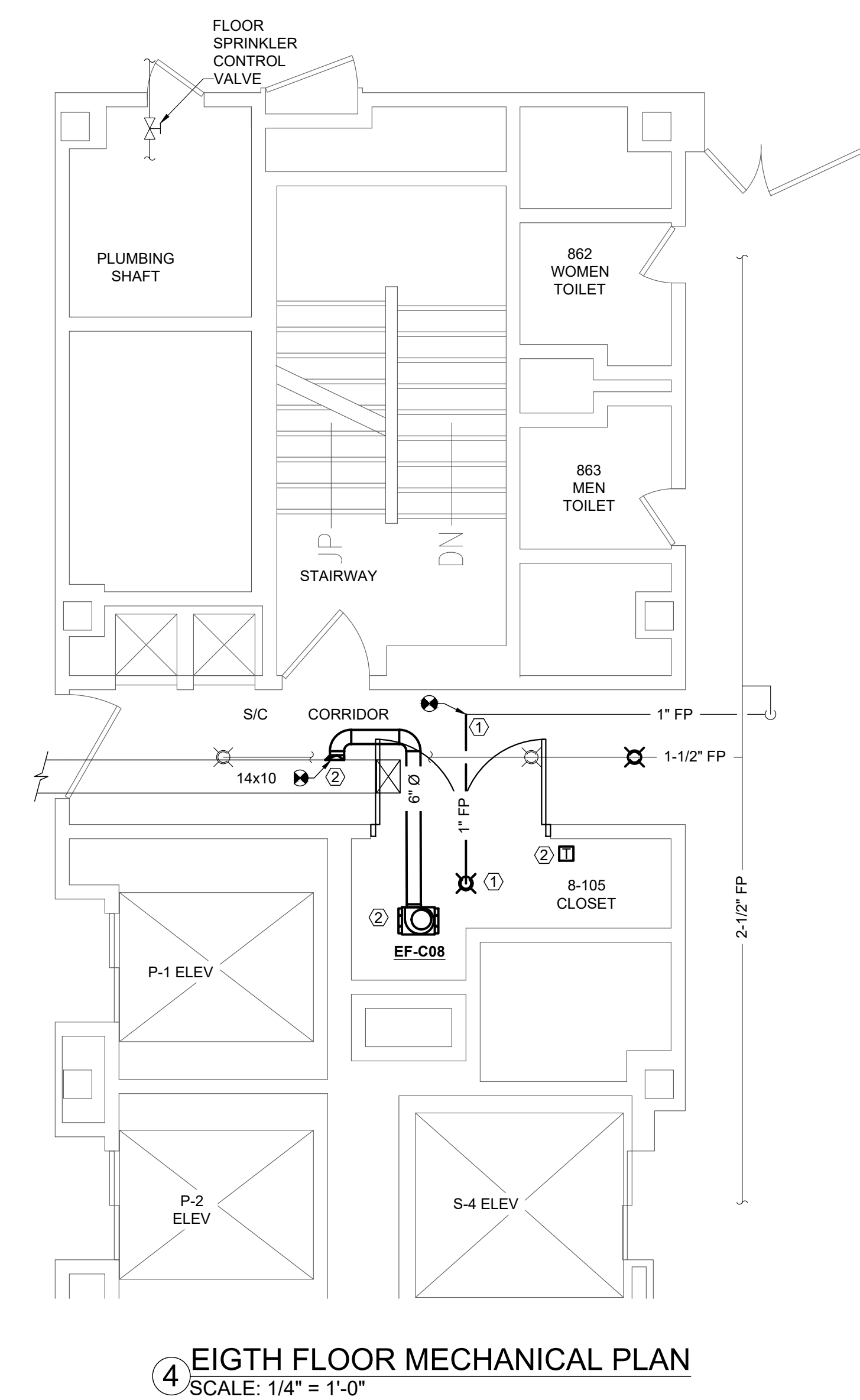
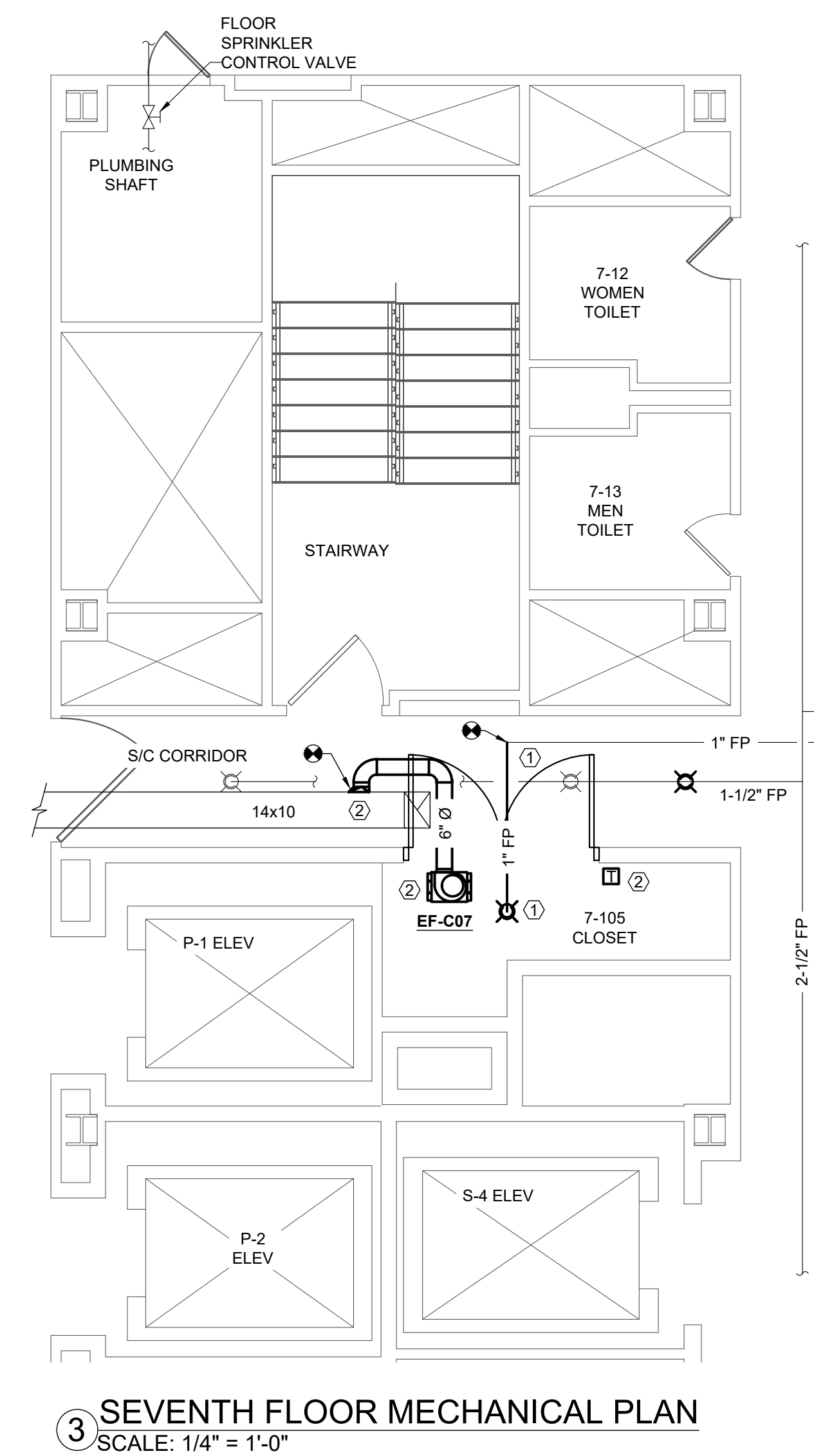
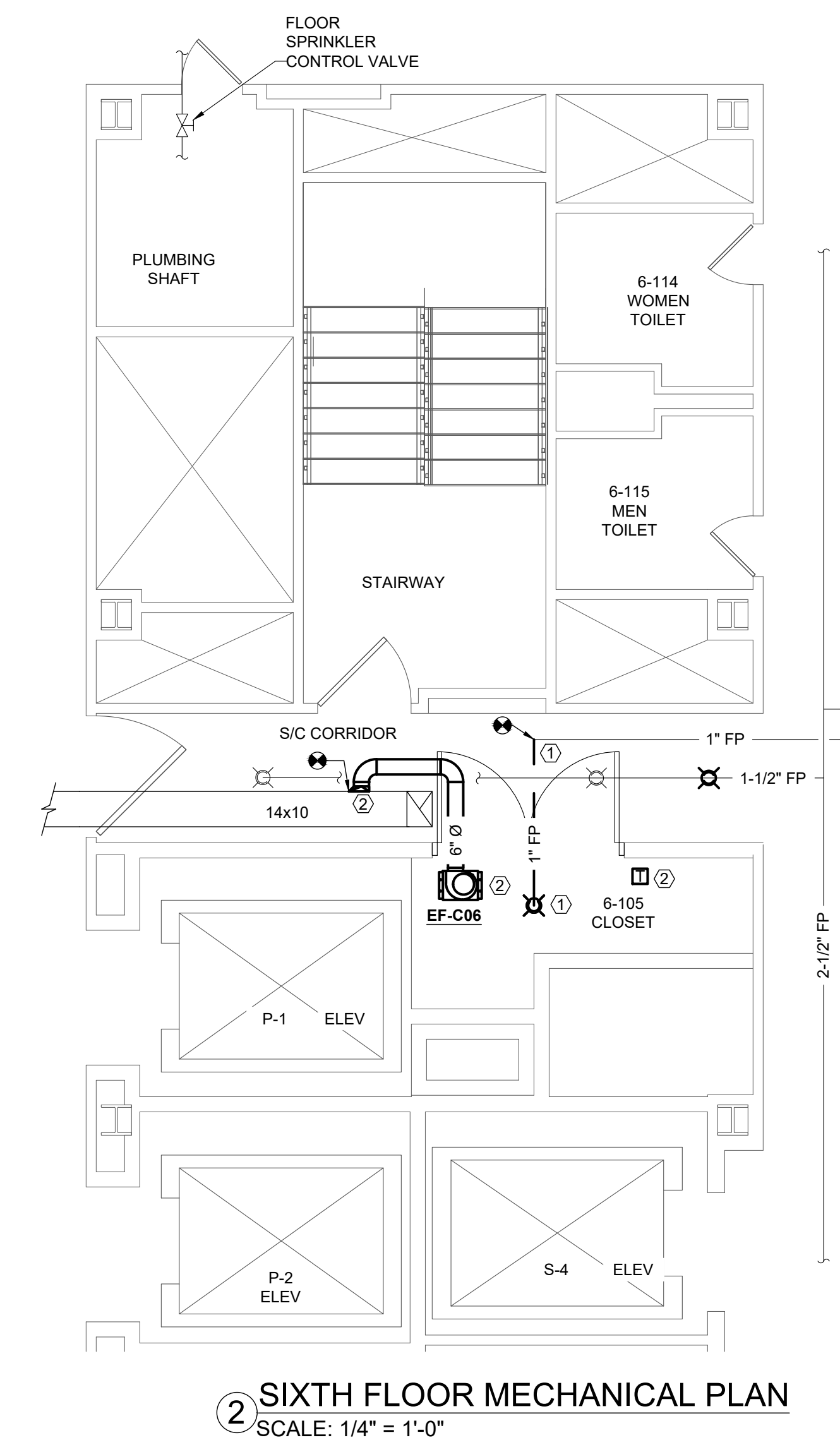
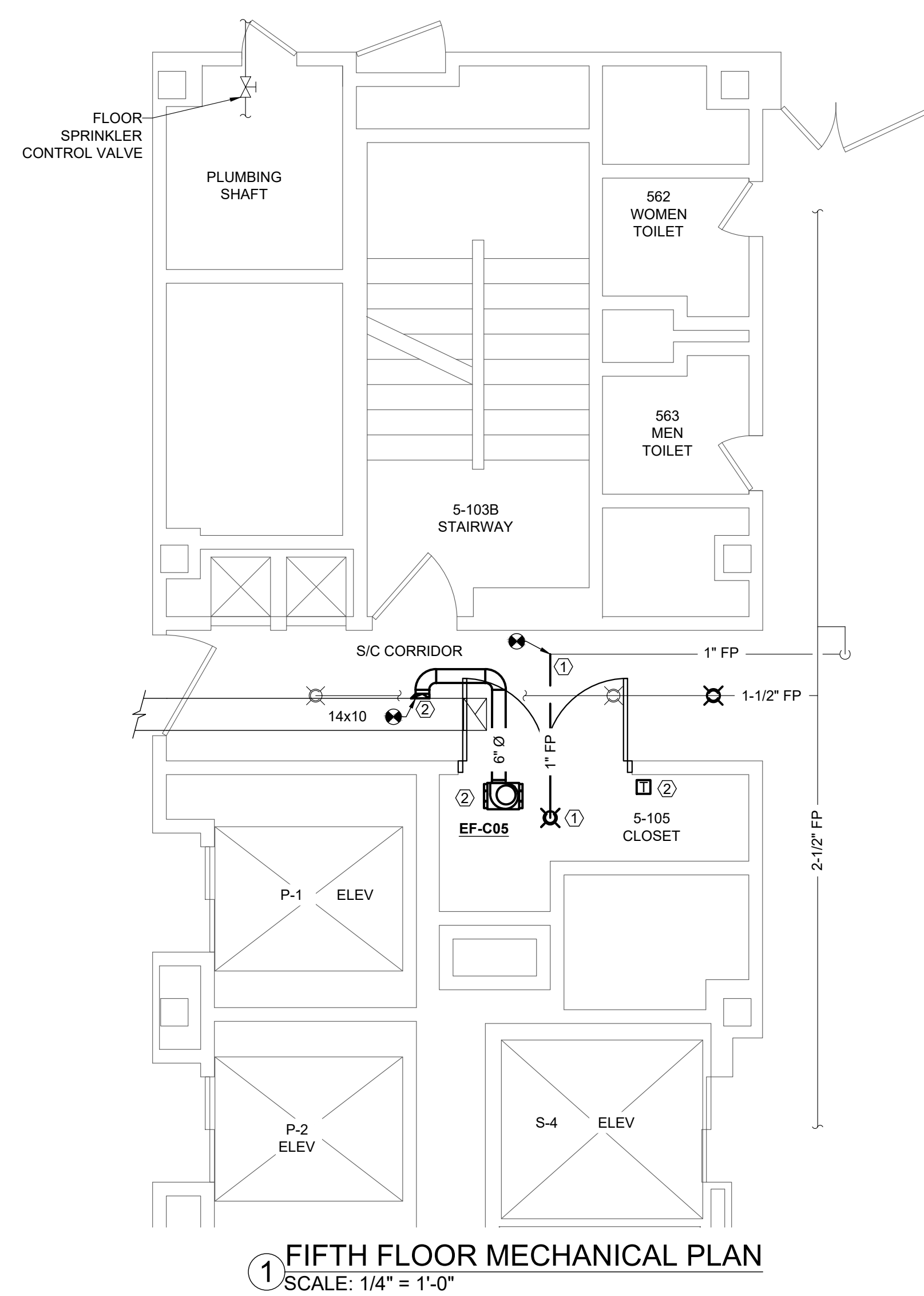
Office of Construction and Facilities Management

[illegible]



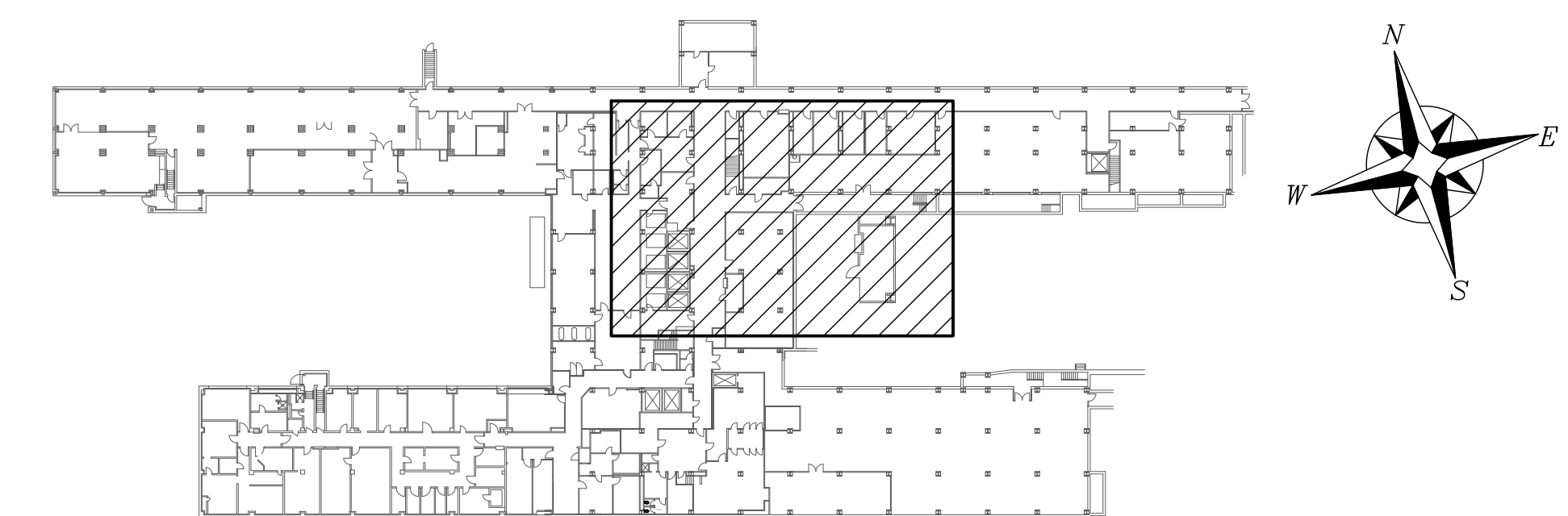
-
- A detailed architectural floor plan of Building 1. A central rectangular area is highlighted with diagonal hatching and a thick black border, indicating the study area. To the right of the plan is a compass rose with 'N' for North, 'S' for South, 'E' for East, and 'W' for West. Below the plan, the text 'LOCATION KEY - BUILDING 1' is centered.

VA FORM 08-6231



GENERAL NOTES:

1. PROVIDE UPRIGHT SPRINKLER HEADS AND 1" PIPING AS SHOWN. TIE INTO EXISTING 2-1/2" MAIN IN CORRIDOR. SPRINKLERS MUST BE A MINIMUM OF 6'-0" APART AND 4" AWAY FROM ADJACENT WALLS.
2. PROVIDE CEILING MOUNTED EXHAUST FAN, 6" DUCT, TEMPERATURE SENSOR, AND SMOKE/FIRE DAMPER. CONNECT TO EXISTING EXHAUST DUCT MAIN IN CORRIDOR. CONNECT EXHAUST FAN AND THERMOSTAT CONTROLS WITH CAT-16 CONNECTION TO NEAR THE NEAREST BMS SYSTEM. REFER TO SCHEDULE FOR BMS PANEL LOCATION.



LOCATION KEY - BUILDING 1

[illegible]

A

B

C

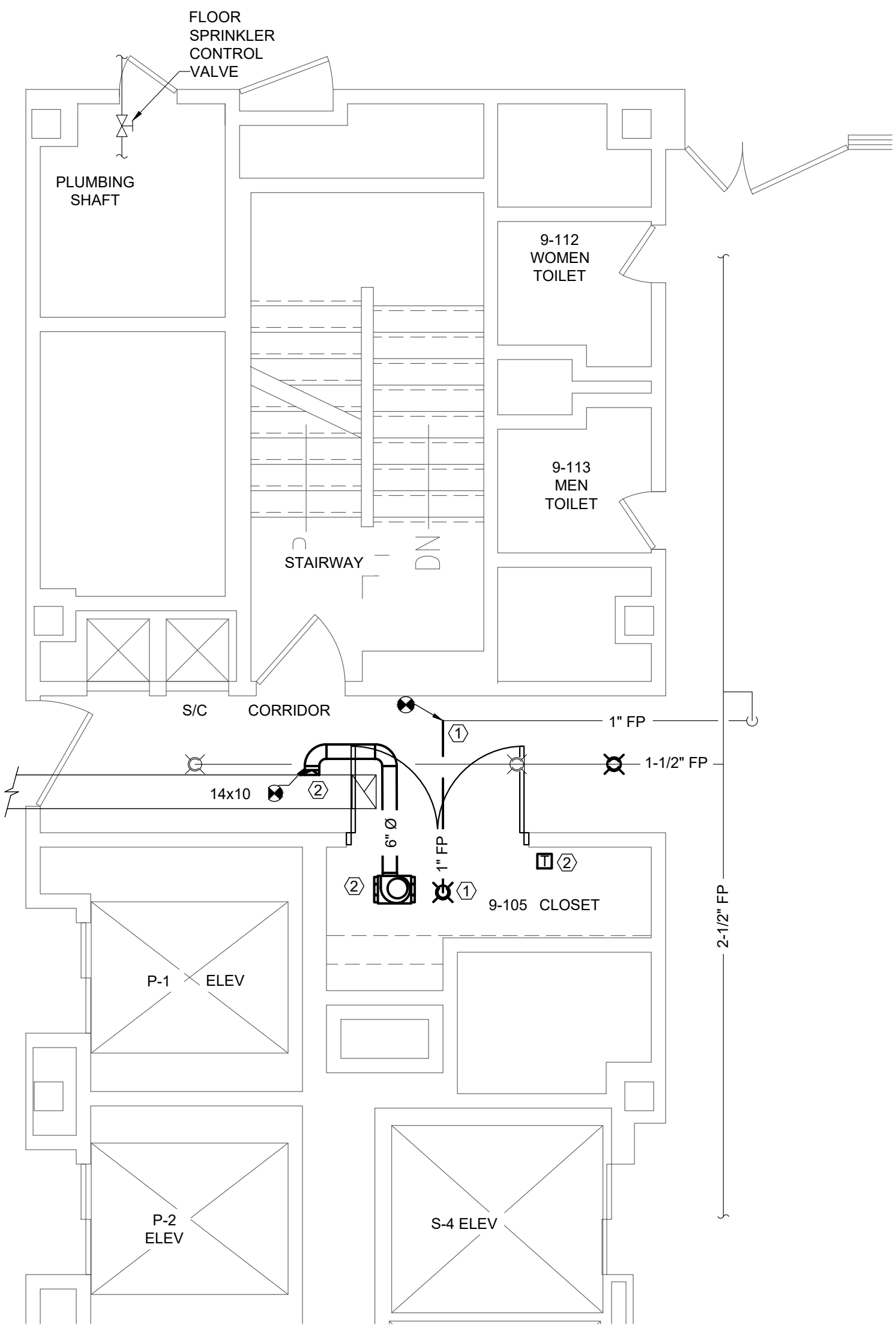
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E

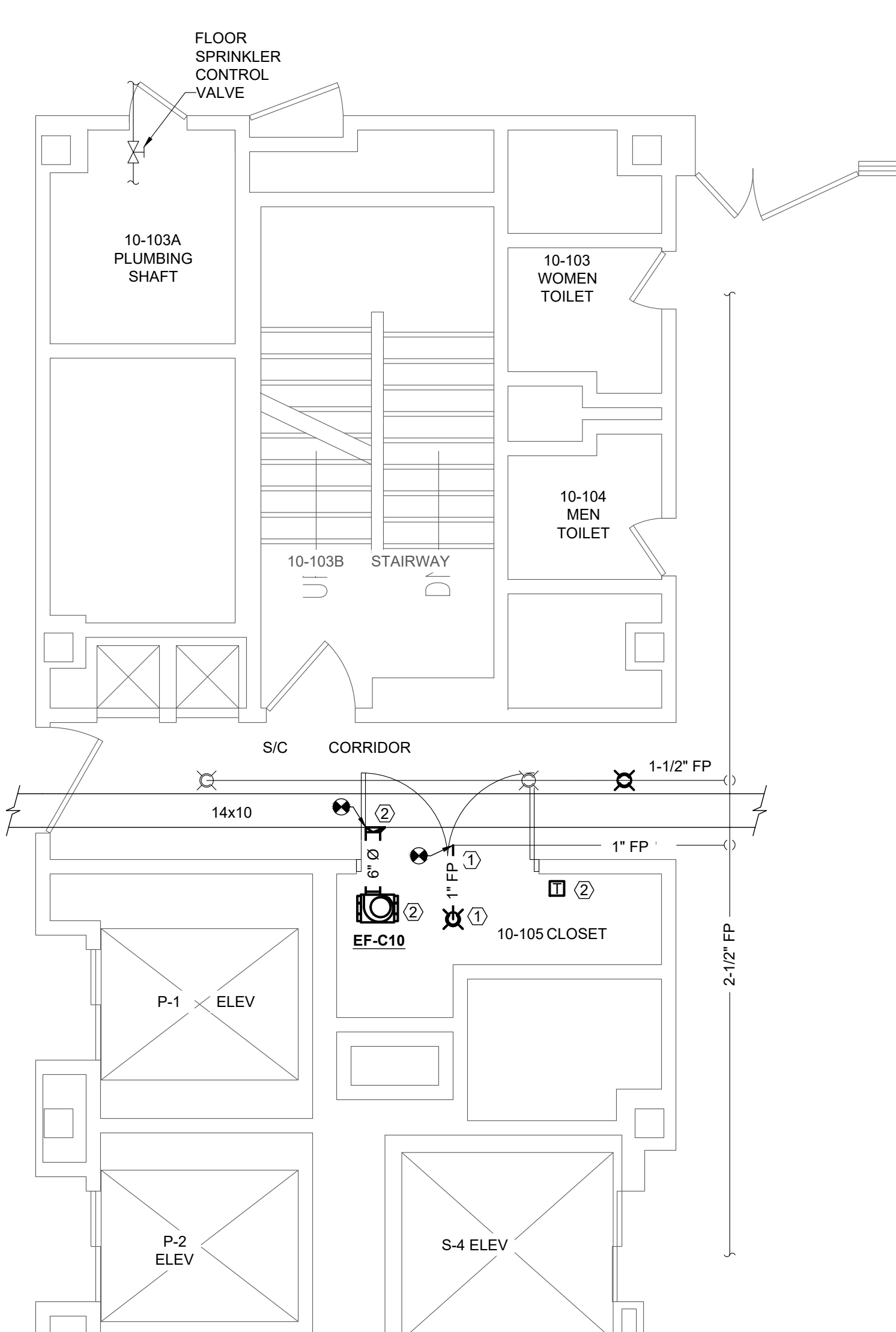
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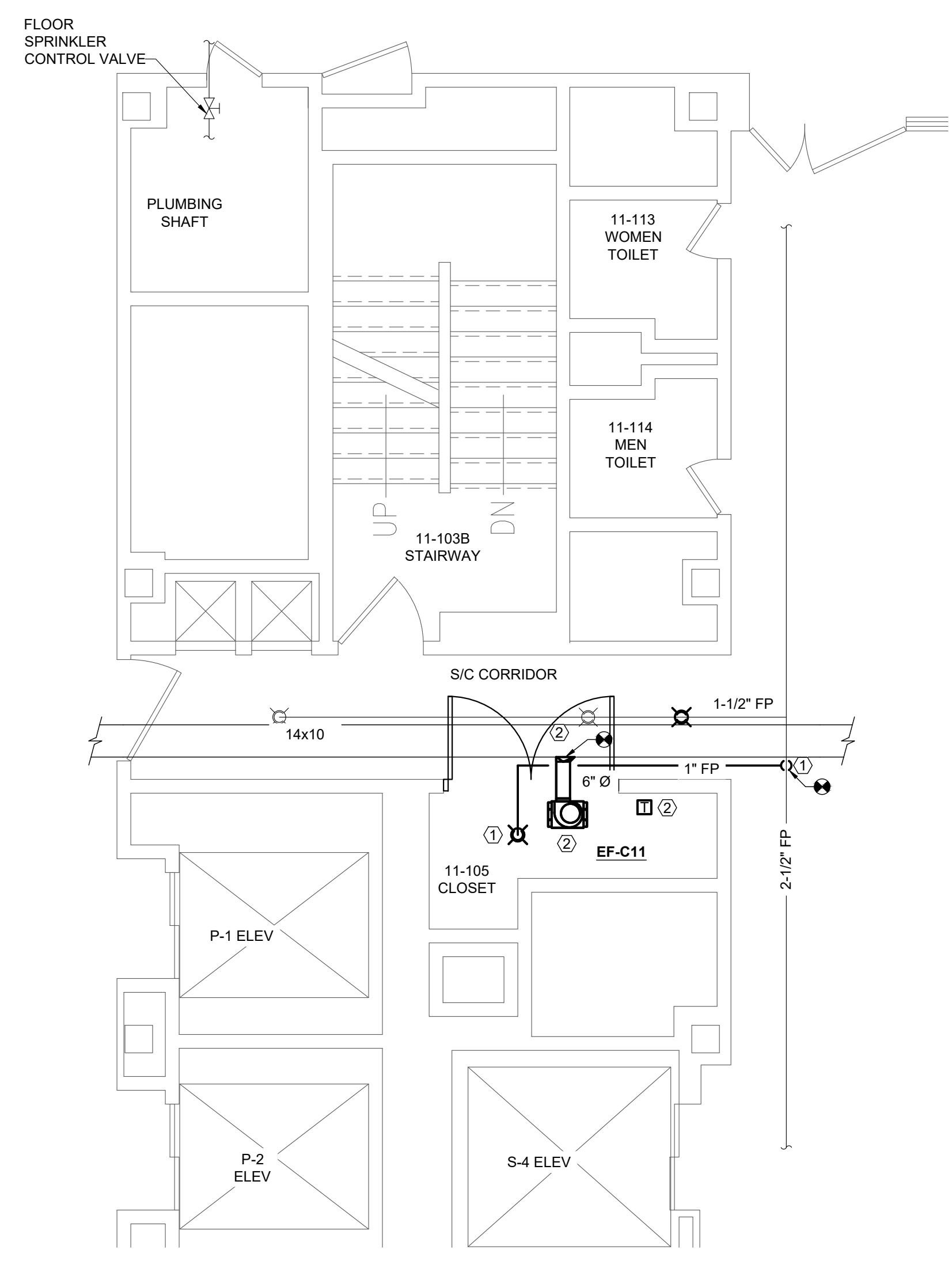
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



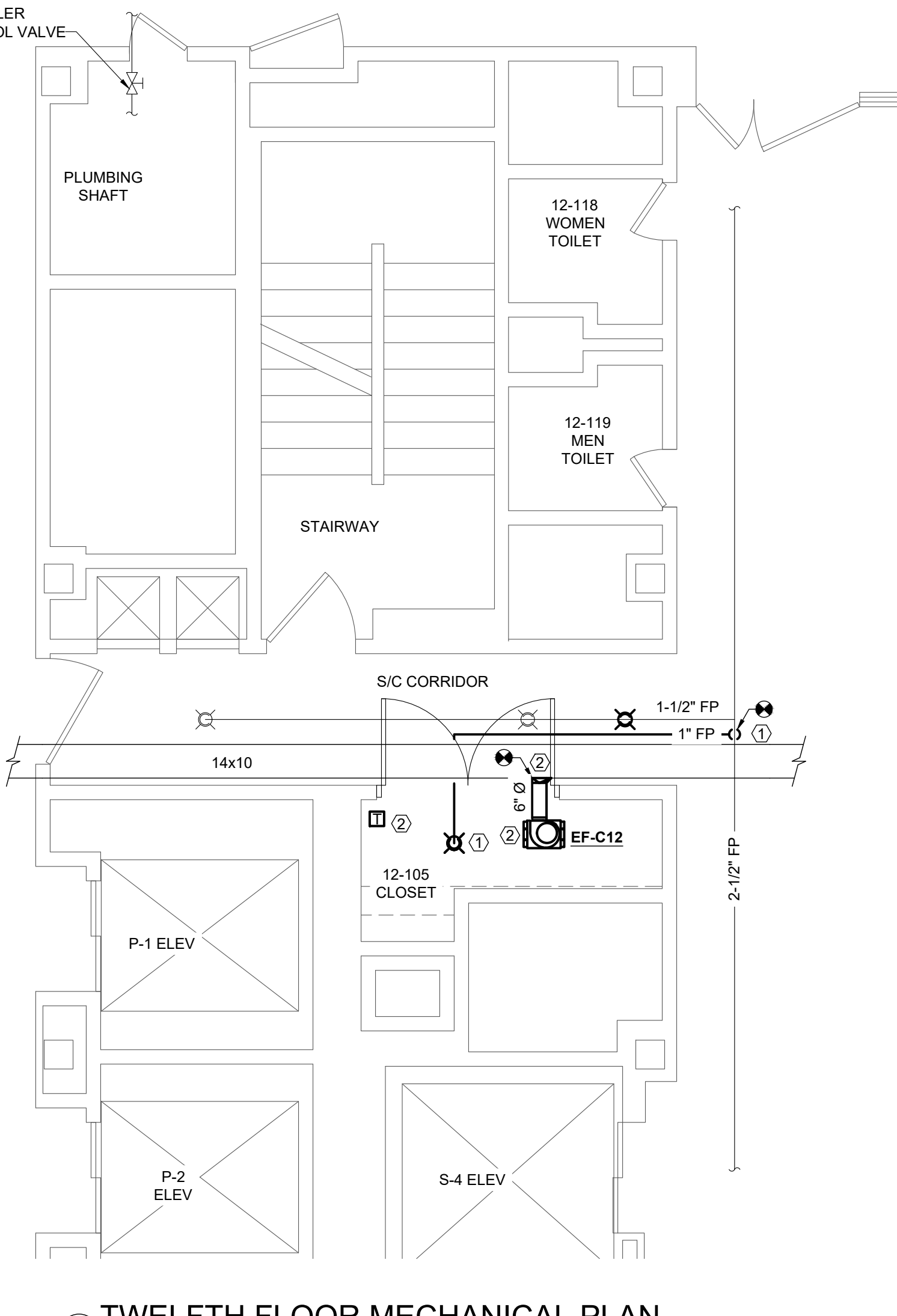
1 NINTH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



2 TENTH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



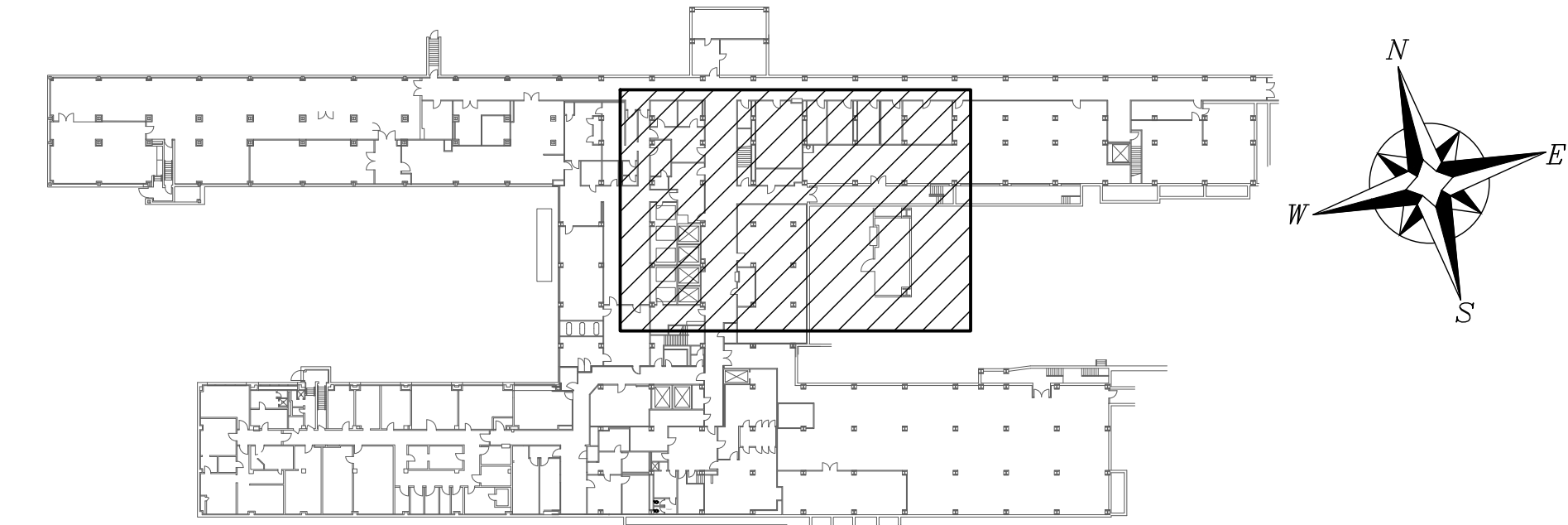
3 ELEVENTH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



4 TWELFTH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. PROVIDE UPRIGHT SPRINKLER HEADS AND 1" PIPING AS SHOWN. TIE INTO EXISTING 2-1/2" MAIN IN CORRIDOR. SPRINKLERS MUST BE A MINIMUM OF 6'-0" APART AND 4" AWAY FROM ADJACENT WALLS.
2. PROVIDE CEILING MOUNTED EXHAUST FAN, 6" DUCT, TEMPERATURE SENSOR, AND SMOKE/FIRE DAMPER. CONNECT TO EXISTING EXHAUST DUCT MAIN IN CORRIDOR. CONNECT EXHAUST FAN AND THERMOSTAT CONTROLS WITH CAT-16 CONNECTION TO NEAR THE NEAREST BMS SYSTEM. REFER TO SCHEDULE FOR BMS PANEL LOCATION.



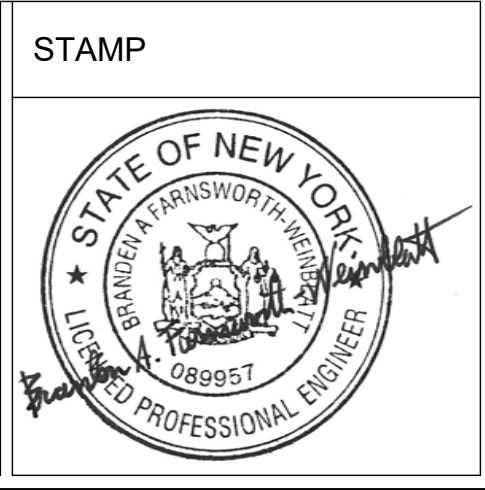
LOCATION KEY - BUILDING 1

REV. 0 ISSUED FOR CONSTRUCTION	08/24/22
Revisions:	Date

CONSULTANTS:

PATRIOT
DESIGN & CONSULTING
STILL SERVING

3610 LAWSON ROAD ★ JAMESTOWN, NY 14701
(716) 484 - 1366 (716) 484 - 1519 FAX



ARCHITECT/ENGINEERS:

D2X Associates

259 St. Ives Dr.
Talent, OR 97540

APPROVED BY:	DATE:
VJC	08/24/22

Drawing Title
NINTH TO TWELFTH FLOOR HVAC AND FIRE PROTECTION PLANS
Approved: Project Director

Project Title	Project Number
UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS	630A4-16-430
Location	Building Number
800 POLY PLACE, BROOKLYN NY 11209	1
Issue Date	Drawing Number
08/24/2022	18-01-BK
Checked	Dwg. 26 of 91
BFW	M-104
Drawn	
ANG	

Office of Construction and Facilities Management

Department of Veterans Affairs

A

B

C

D

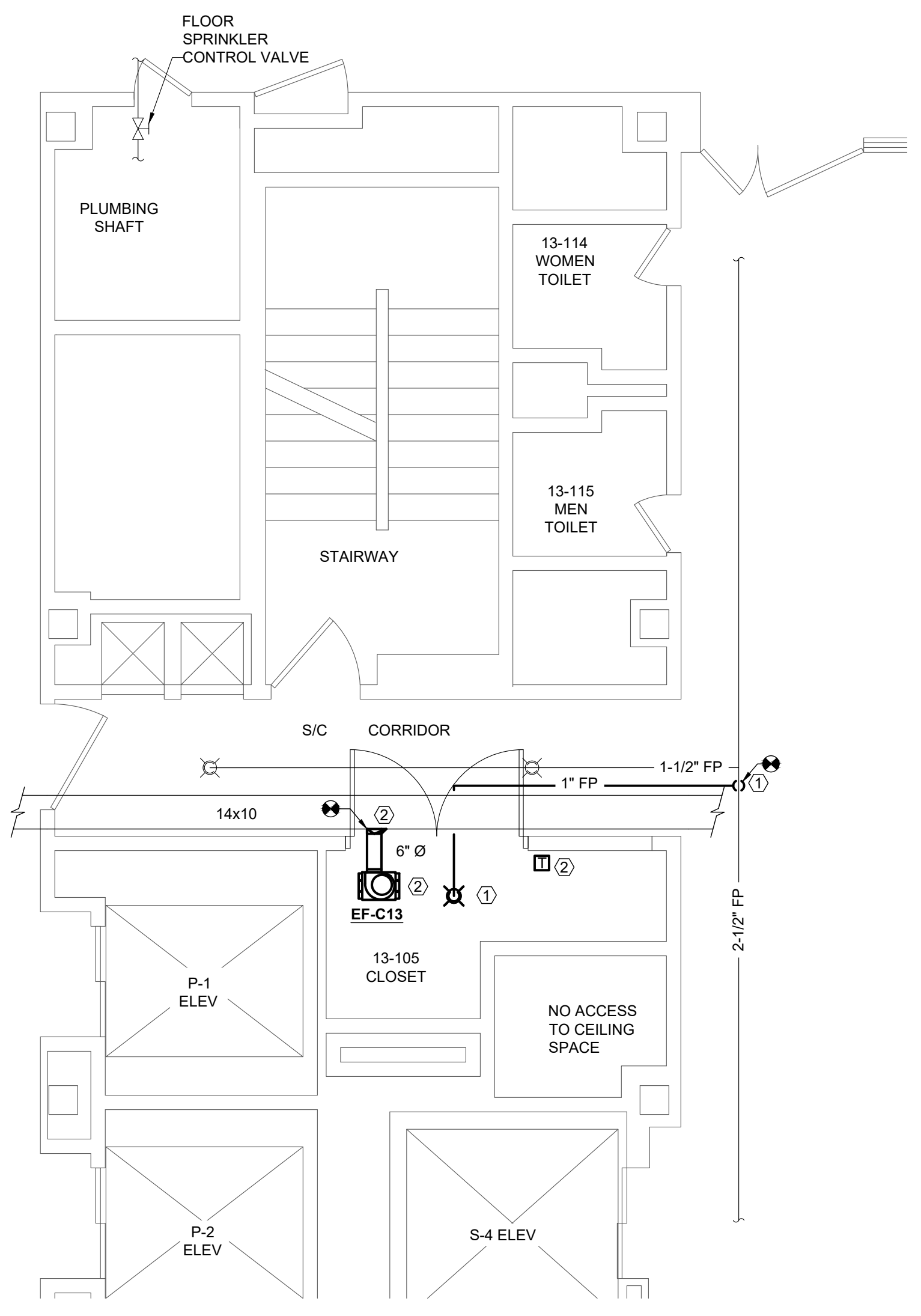
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F

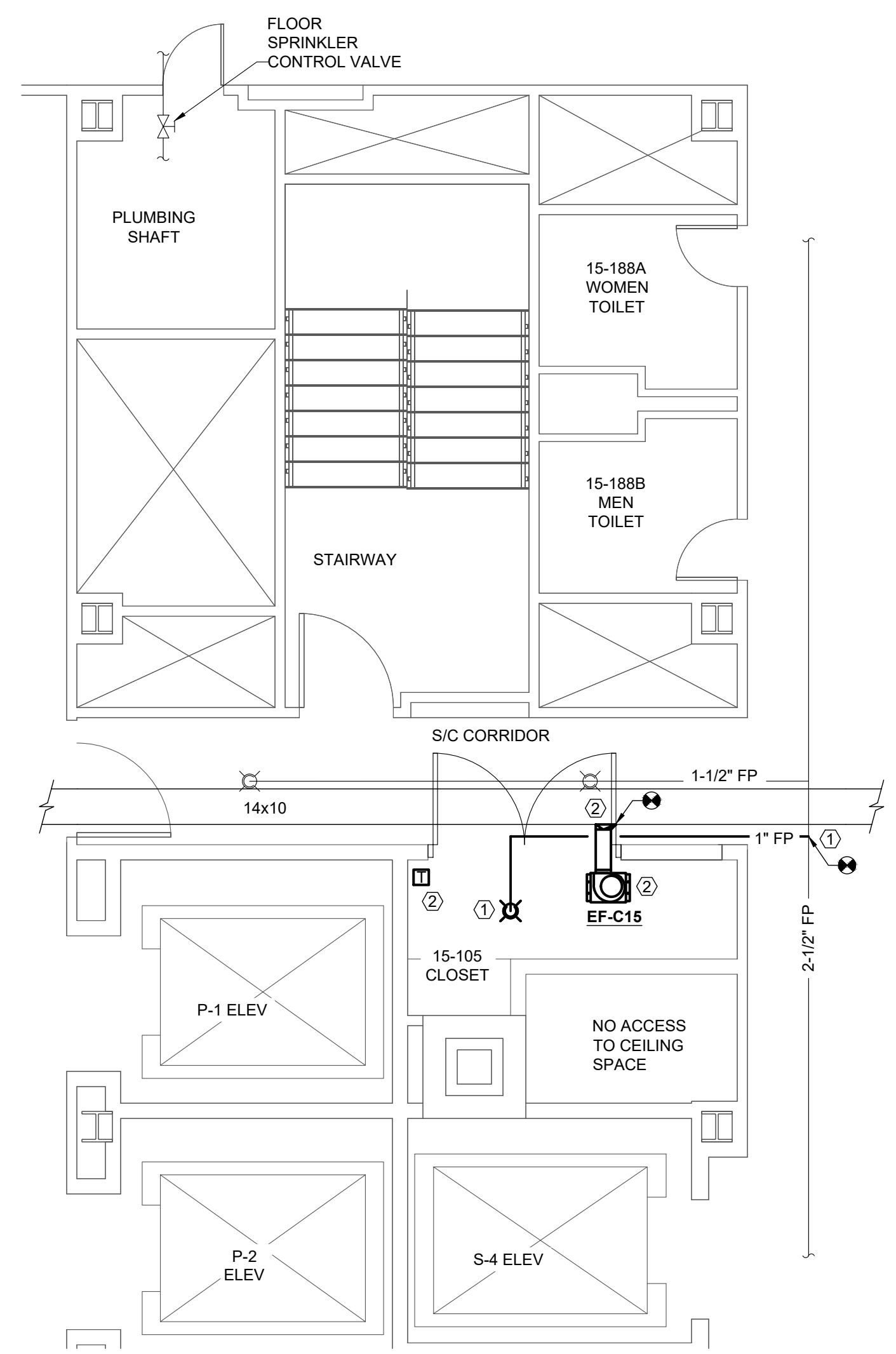
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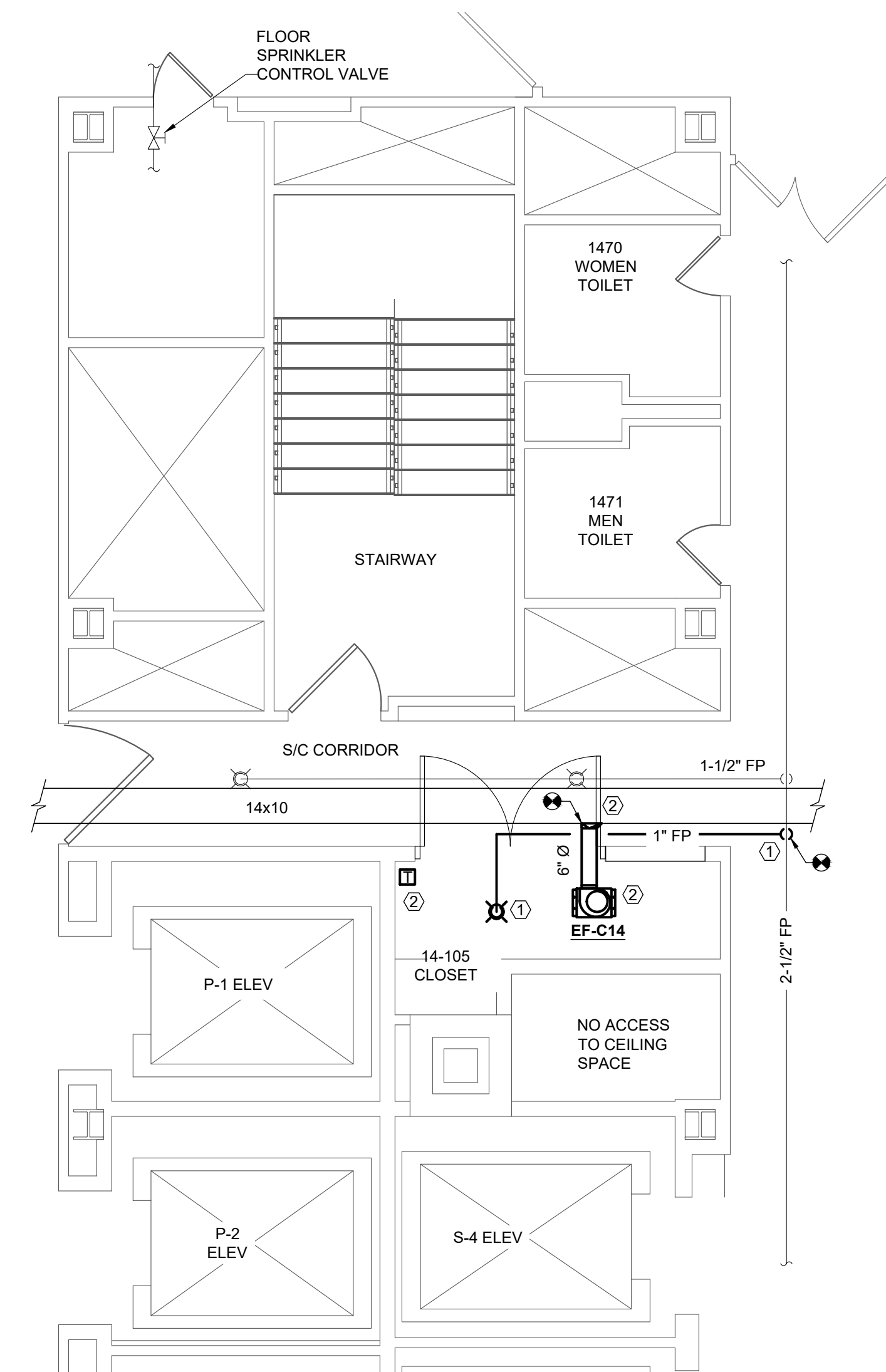
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one and one half inches = one foot
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one quarter inch = one foot
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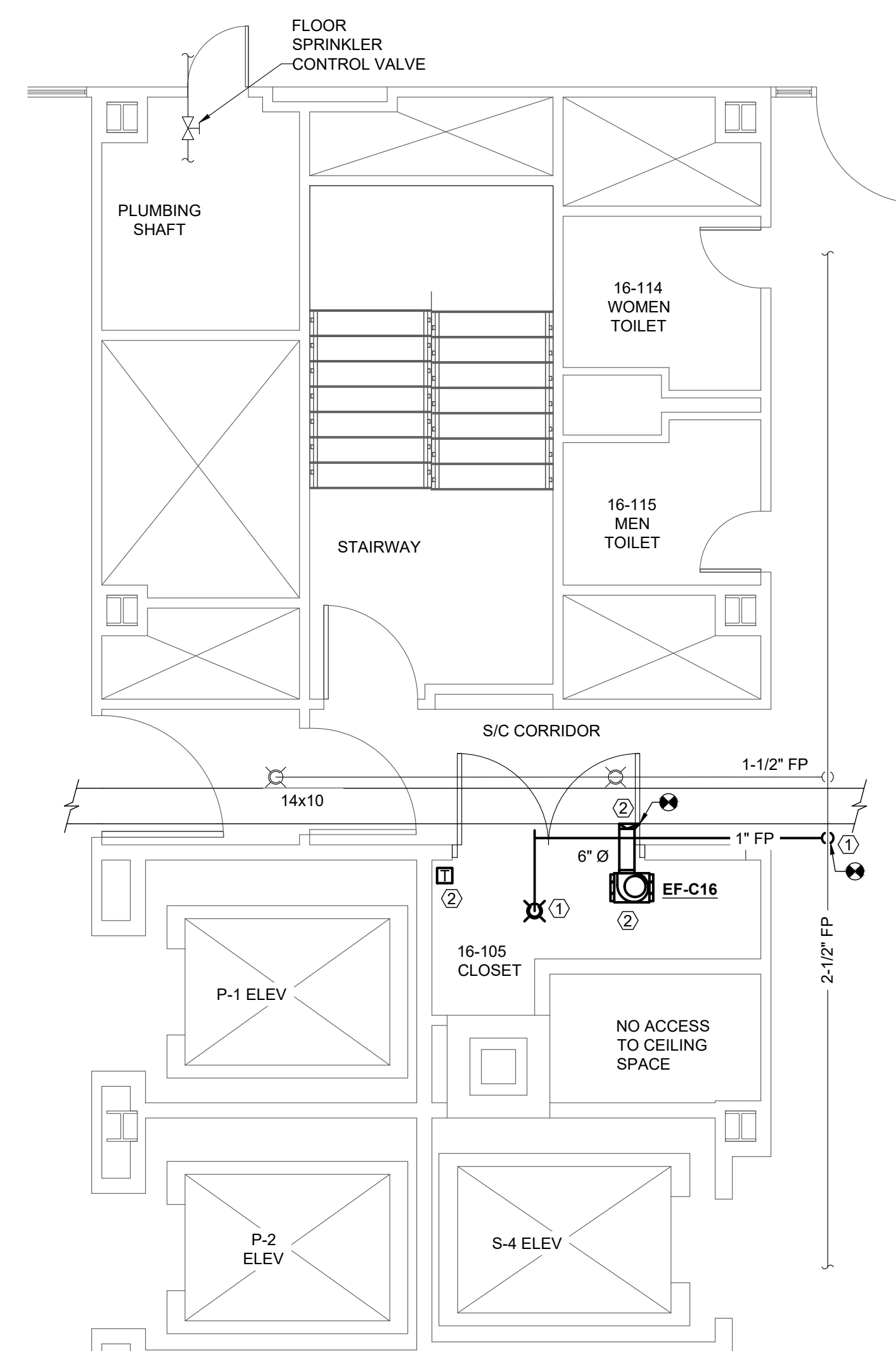
1 THIRTEENTH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



3 FIFTEENTH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

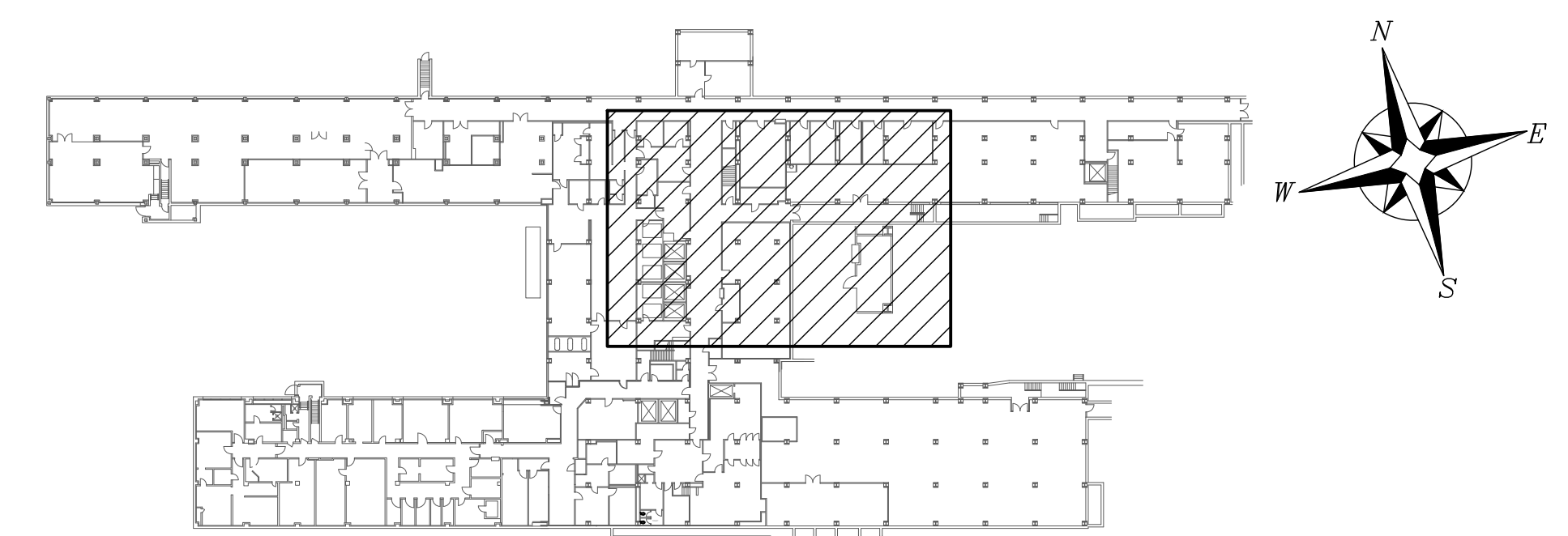


2 FOURTEENTH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

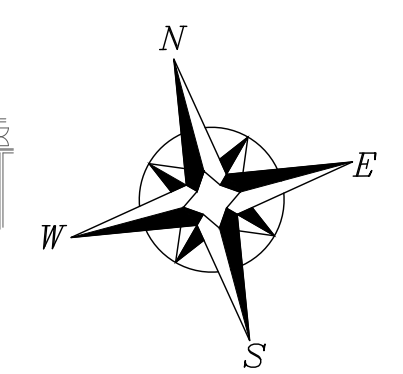


4 SIXTEENTH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

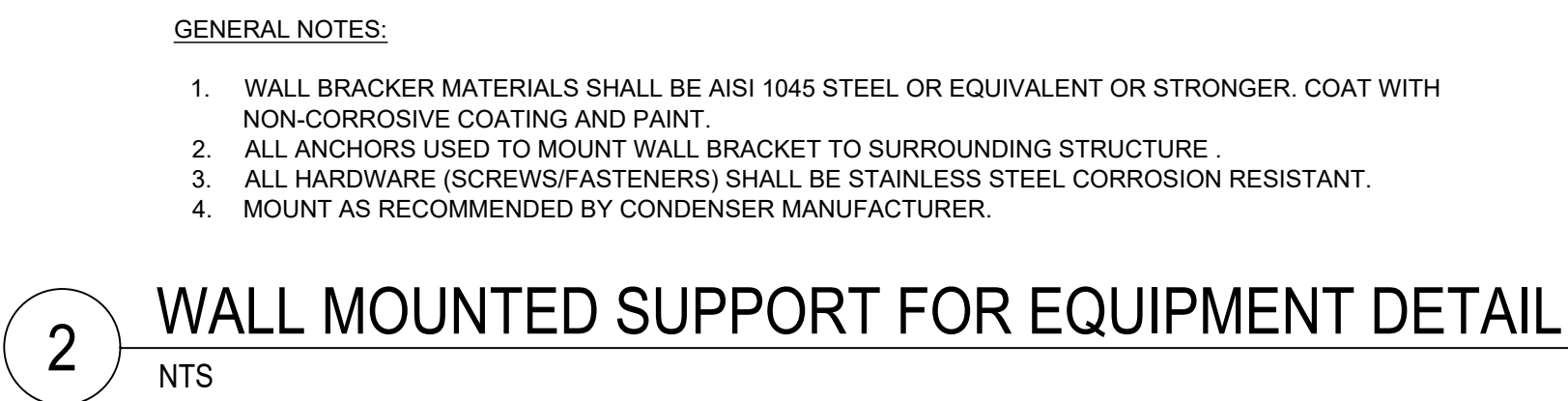
- GENERAL NOTES:**
1. PROVIDE UPRIGHT SPRINKLER HEADS AND 1" PIPING AS SHOWN. TIE INTO EXISTING 2-1/2" MAIN IN CORRIDOR. SPRINKLERS MUST BE A MINIMUM OF 6'-0" APART AND 4" AWAY FROM ADJACENT WALLS.
 2. PROVIDE CEILING MOUNTED EXHAUST FAN, 6" DUCT, TEMPERATURE SENSOR, AND SMOKE/FIRE DAMPER. CONNECT TO EXISTING EXHAUST DUCT MAIN IN CORRIDOR. CONNECT EXHAUST FAN AND THERMOSTAT CONTROLS WITH CAT-16 CONNECTION TO NEAR THE NEAREST BMS SYSTEM. REFER TO SCHEDULE FOR BMS PANEL LOCATION.



LOCATION KEY - BUILDING 1



REV: 0 ISSUED FOR CONSTRUCTION 08/24/22 Revisions: Date	CONSULTANTS: PATRIOT DESIGN & CONSULTING STILL SERVING 3610 LAWSON ROAD ★ JAMESTOWN, NY 14701 (716) 484 - 1366 (716) 484 - 1519 FAX		STAMP	ARCHITECT/ENGINEERS: D2X Associates 259 St. Ives Dr. Talent, OR 97540	APPROVED BY: VJC DATE: 08/24/22	Drawing Title THIRTEENTH TO SIXTEENTH FLOOR HVAC AND FIRE PROTECTION PLANS	Project Title UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRIC DISTRIBUTION, NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS	Project Number 630A4-16-430	Office of Construction and Facilities Management Department of Veterans Affairs	
						Approved: Project Director	Location 800 POLY PLACE, BROOKLYN NY 11209	Building Number 1		
							Issue Date 08/24/2022	Checked BFW	Drawn ANG	Drawing Number 18-01-BK
										M-105 Dwg. 27 of 91



CONSULTANTS:

PATRIOT
DESIGN & CONSULTING
STILL SERVING

3610 LAWSON ROAD * JAMESTOWN, NY 14701
(716) 484 - 1366 (716) 484 - 1519 FAX

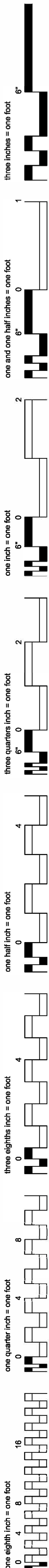
 Department of
Veterans Affairs

VA FORM 08-6231

9

AIR CONDITIONING
 ABOVE FINISHED FLOOR
 ABOVE FINISHED GRADE
 ALLAN-BRADLEY
 ALLIS-CHALMERS
 AMPERES
 ARCHITECTURAL
 AMERICAN WIRE GAGE
 AUTOMATIC SWITCH CO
 BUILDING
 BUSSMAN
 CIRCUIT BREAKER
 COMPACT FLUORESCENT
 CONTRACTING OFFICERS REPRESENTATIVE
 COOPER
 CUTLER - HAMMER
 DOUBLE TWIN TUBE
 DRAWING
 ELECTRICAL METALLIC TUBING
 EMERGENCY
 EXISTING
 FEET
 FEDERAL PACIFIC ELECTRIC
 FIRE ALARM
 G & W ELECTRIC
 GALVANIZED
 GENERAL ELECTRIC
 GROUND SHAMUT
 GROUND-FAULT INTERRUPTING
 GROUND
 I-T-E IMPERIAL
 INTERNATIONAL BUILDING CODE
 INTERRUPTING CAPACITY
 INSULATED
 LIGHT EMITTING DIODE
 LITTLEFUSE
 MANUFACTURER
 MAXIMUM
 MACHINE
 MOTOR CONTROL CENTER
 MECHANICAL
 MINIMUM
 MOUNTED
 NATIONAL ELECTRICAL CODE
 NATIONAL ELECTRICAL
 MANUFACTURERS ASSOCIATION
 NOT IN CONTRACT
 NOT TO SCALE
 POWELL
 RECEPTACLE
 REFRIGERATOR
 REPRESENTATIVE
 RIGID GALVANIZED CONDUIT
 ROOM
 RTE CORP.
 RUSSELECTRIC
 S & C ELECTRIC
 SCHWEITZER ENGR. LABS
 SIEMENS
 SQUARE D
 TELEPHONE
 TELEVISION
 TYPICAL
 UNLESS NOTED OTHERWISE
 UNINTERRUPTIBLE POWER SUPPLY
 VETERAN AFFAIRS
 VOLTS
 WATTS
 WESTINGHOUSE
 WITH
 WATER PROOF
 (OR WEATHER RESISTANT)
 SINTH

1. THE ELECTRICAL INSTALLATION SHALL COMPLY WITH THE LATEST EDITIONS OF THE NEC, IBC AND VA STANDARDS.
2. COORDINATE WITH THE VA ALL REQUIRED ELECTRICAL SHUT DOWNS A MINIMUM OF 14 DAYS PRIOR TO REQUESTED TIME TO PERFORM THE WORK. NOTIFICATION OF SHUT DOWN DOES NOT GUARANTEE APPROVAL.
3. MINIMUM WIRE SIZE FOR POWER AND LIGHTING SHALL BE #12 AWG UNLESS NOTED OTHERWISE (INCLUDING WHEN NO CONDUCTORS ARE SPECIFIED). ALL CONDUCTORS SHALL BE COPPER AND SHALL HAVE THHN/TNW INSULATION. ALL BRANCH CIRCUITS, SHALL BE PROVIDED WITH AN INSULATED GROUNDING CONDUCTOR TOGETHER WITH THE PHASE CONDUCTORS. SHARED NEUTRAL CONDUCTORS ARE NOT PERMITTED.
4. THE ELECTRICAL DRAWINGS ARE SCHEMATIC IN NATURE. REVIEW ALL DISCIPLINE DRAWINGS AND SITE CONDITIONS BEFORE STARTING THE WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE VA REPRESENTATIVE BEFORE PERFORMING CHANGES.
5. COORDINATE ALL REQUIRED FINAL CONNECTIONS TO EQUIPMENT WITH VENDOR DRAWINGS.
6. FOR EQUIPMENT TO BE CONNECTED TO EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT (PANELBOARDS, SWITCHBOARDS, SWITCHGEAR, ETC.), INSTALL NEW BREAKERS UNLESS NOTED OTHERWISE. NEW BREAKERS SHALL HAVE INTERRUPTING CAPACITIES EQUAL TO EXISTING DISTRIBUTION EQUIPMENT. VERIFY THE DISTRIBUTION EQUIPMENT HAS ADEQUATE CAPACITY FOR THE NEW LOAD. IF DISTRIBUTION EQUIPMENT IS FOUND NOT TO HAVE ENOUGH CAPACITY, CONTRACTOR SHALL BRING ISSUE TO THE ATTENTION OF THE VA REPRESENTATIVE.
7. DURING THE BID PROCESS, VISIT THE PROJECT SITE AND GET FAMILIAR WITH THE COMPLEXITY INVOLVED IN THE INSTALLATION OF ELECTRICAL EQUIPMENT.
8. NOT ALL SYMBOLS AND ABBREVIATIONS SHOWN THIS SHEET, MAY BE USED ON THIS PROJECT.
9. COORDINATE WITH THE VA FOR LOCK OUT TAG OUT (LOTO) PROCEDURES. VA LOTO PROCEDURES SHALL BE FOLLOWED.

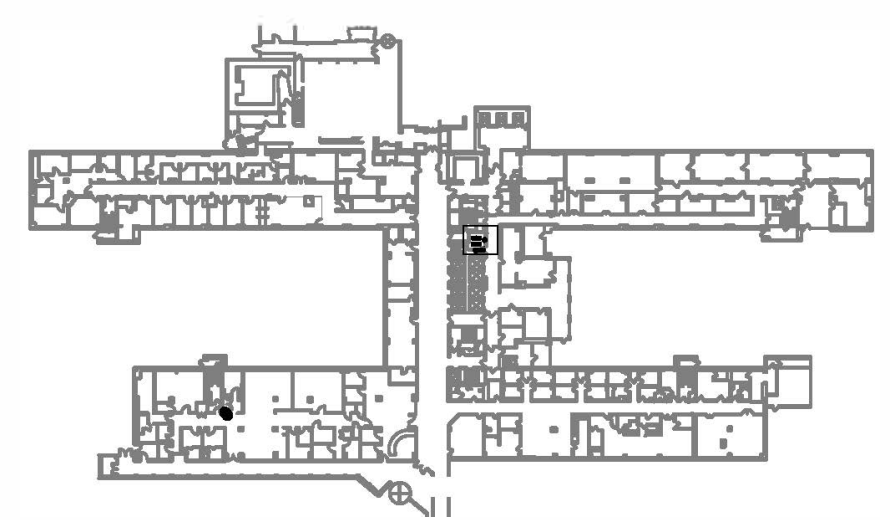


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three eighths inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot



- DRAWING NOTES:**
1. ALL SHOWN AS EXISTING UNLESS OTHERWISE INDICATED.
 2. REFER TO INSTALLATION ONE-LINE DIAGRAMS ON DRAWINGS EP-601 AND EP-602.
 3. CORRIDOR AREA IS SUSPENDED CEILING AND AREA ABOVE SUSPENDED CEILING IS VERY CONGESTED. COORDINATE EXACT ROUTING IN FIELD PRIOR TO CONSTRUCTION.
 4. PROVIDE ALL REQUIRED TEMPORARY LIGHTING FOR AREAS SERVED BY LIFE SAFETY LIGHTING CIRCUITS DURING BRANCH CIRCUIT CHANGEOVERS TO LIFE SAFETY SYSTEM.
 5. ALL RACEWAY PENETRATIONS TO/FROM ROOM G-422 SHALL BE SEAL FOR A 2-HOUR FIRE RATING.
 6. WORK ABOVE SUSPENDED CEILING SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
- DRAWING KEYNOTES:**
1. PROVIDE POWER PANEL AS INDICATED AND SCHEDULED. REFER TO PANEL SCHEDULES ON DRAWINGS EP-604 THROUGH EP-606.
 2. DISCONNECT AND REMOVE FEEDER POWER CIRCUIT TO PANEL LPGX FROM PANEL DP-C IN BASEMENT FEEDER ROOM C COMPLETE. DISCONNECT AND REMOVE MAIN BRANCH CIRCUIT BREAKERS AND PANEL BUS COMPLETE. BRANCH CIRCUITS SHALL REMAIN AND REMAIN AND BE REFEED PRIOR TO DEMOLITION WORK. REFER TO PANEL SCHEDULE ON DRAWING EP-607 FOR ADDITIONAL REQUIREMENTS. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
 3. PROVIDE POWER CIRCUIT. REFER TO INSTALLATION ONE-LINE DIAGRAMS.
 4. UTILIZE EXISTING BREAKER IN SWITCHGEAR INDICATED. REFER TO ONE-LINE DIAGRAMS FOR ADDITIONAL REQUIREMENTS.
 5. PROVIDE ALL MATERIAL AND LABOR TO REMOVE SUSPENDED CEILING TILES TO FACILITATE ELECTRICAL WORK IN THE AREA. PROVIDE REPLACEMENT SUSPENDED CEILING TILES FOR ANY DAMAGED TILES DURING CONSTRUCTION. REPLACEMENT SUSPENDED CEILING TILES SHALL MATCH EXISTING STYLE AND COLOR.
 6. DISCONNECT AND PULL BACK LIFE SAFETY BRANCH CIRCUITS FROM PANEL INDICATED. BRANCH CIRCUITS SHALL BE REFEED FROM LIFE SAFETY PANEL. PROVIDE BRANCH CIRCUITS TO INTERCEPT AND REFEED LIFE SAFETY BRANCH CIRCUITS. REFER TO PANEL SCHEDULES ON DRAWING EP-607 FOR ADDITIONAL REQUIREMENTS. LIFE SAFETY PANELS SHALL BE INSTALLED AND TESTED PRIOR TO TRANSFERRING OF EXISTING LIFE SAFETY BRANCH CIRCUITS. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.



B1 - GROUND FL - KEY PLAN
NOT TO SCALE



DESIGN NOTE:

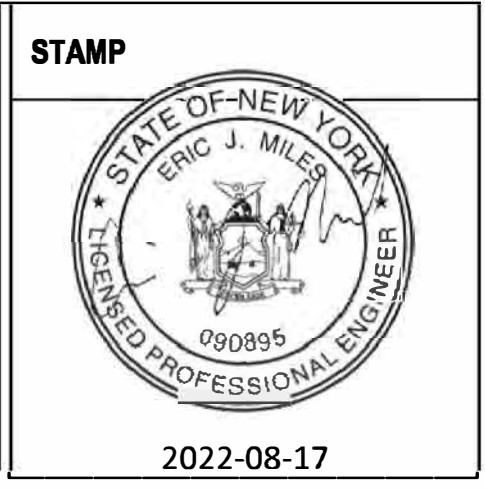
1. CLOUDED PANEL LOCATIONS TO BE FINALIZED. LOCATIONS COORDINATED WITH AREA FUNCTIONS AND CONSIDERATION OF ADDING ELECTRICAL CLOSET.

A1 PARTIAL BUILDING 1 GROUND FLOOR PLAN
1/8"=1'-0"

REV. 0 ISSUED FOR CONSTRUCTION	08/24/22
Revisions:	Date

CONSULTANTS:

RAMBOLL
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
18 LINK DRIVE
BINGHAMTON, NY 13902



ARCHITECT/ENGINEERS:

D2X Associates
259 St. Ives Dr.
Talent, OR 97540

APPROVED BY:
VJC

DATE:
08/24/22

Drawing Title
TASK ORDER 1, 2, AND 3
PARTIAL GROUND FLOOR PLAN -
INSTALLATION

Approved: Project Director

Project Title
UPGRADE LIFE SAFETY CRITICAL BRANCH
ELECTRICAL DISTRIBUTION
NY HARBOR HEALTHCARE CENTER
VA BROOKLYN CAMPUS

Location
800 POLY PLACE, BROOKLYN NY 11209

Issue Date
08/24/22

Checked
BKD

Drawn
KMB

Project Number
630A4-16-430

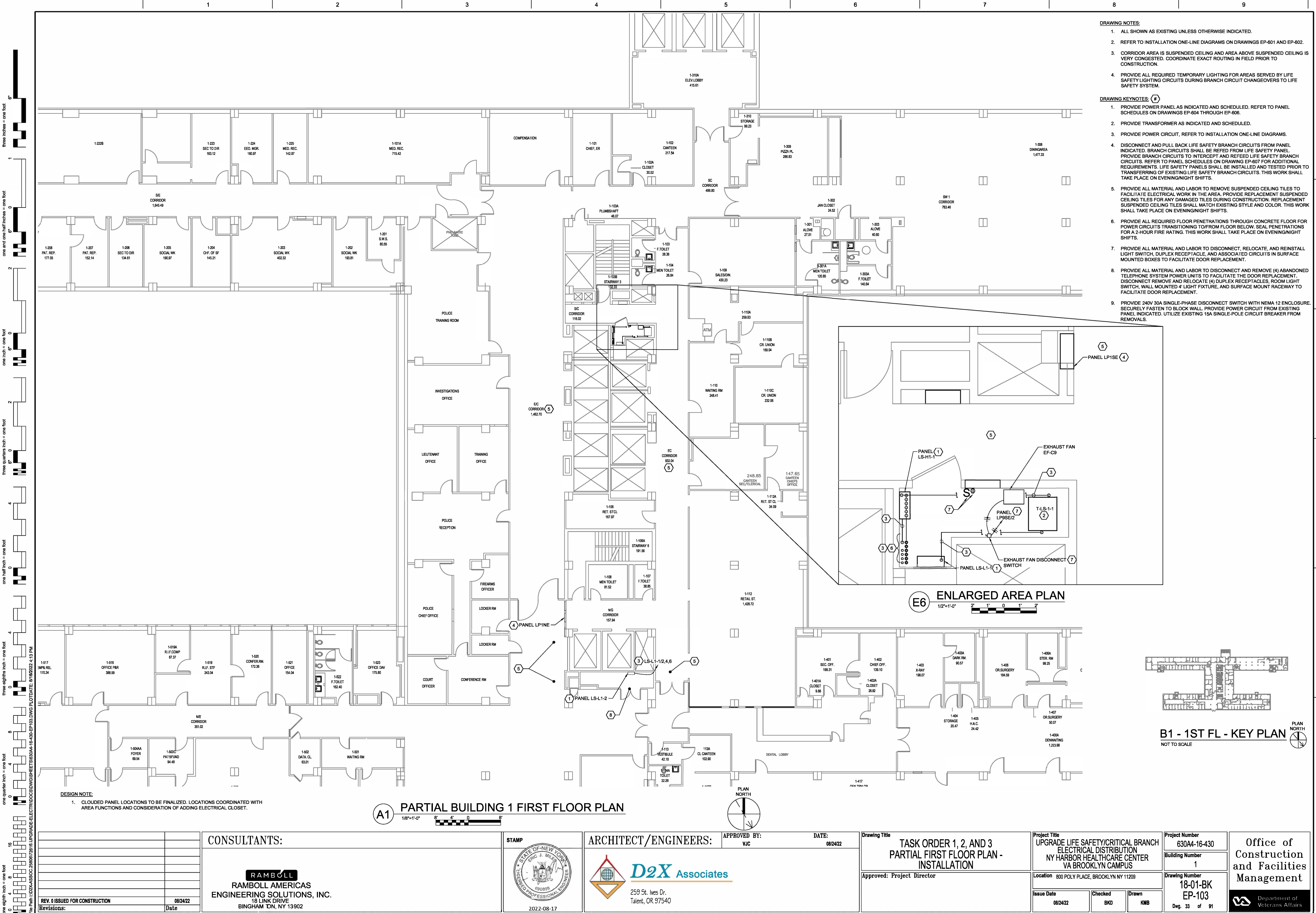
Building Number
1

Drawing Number
18-01-BK
EP-102

Dwg. 32 of 91

Office of Construction and Facilities Management

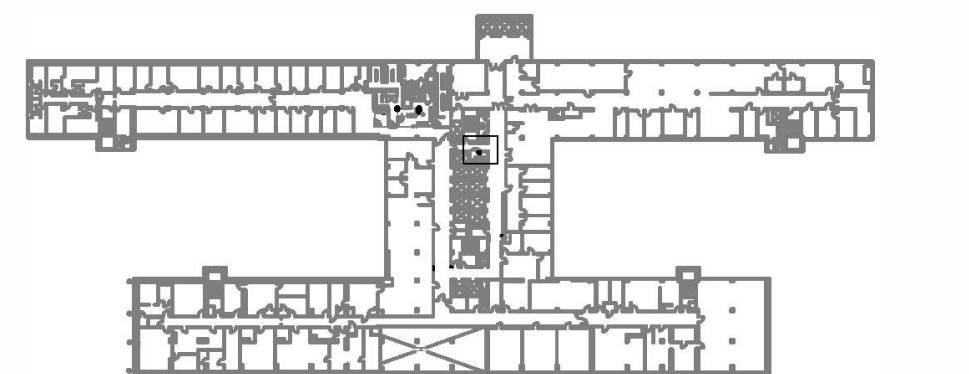
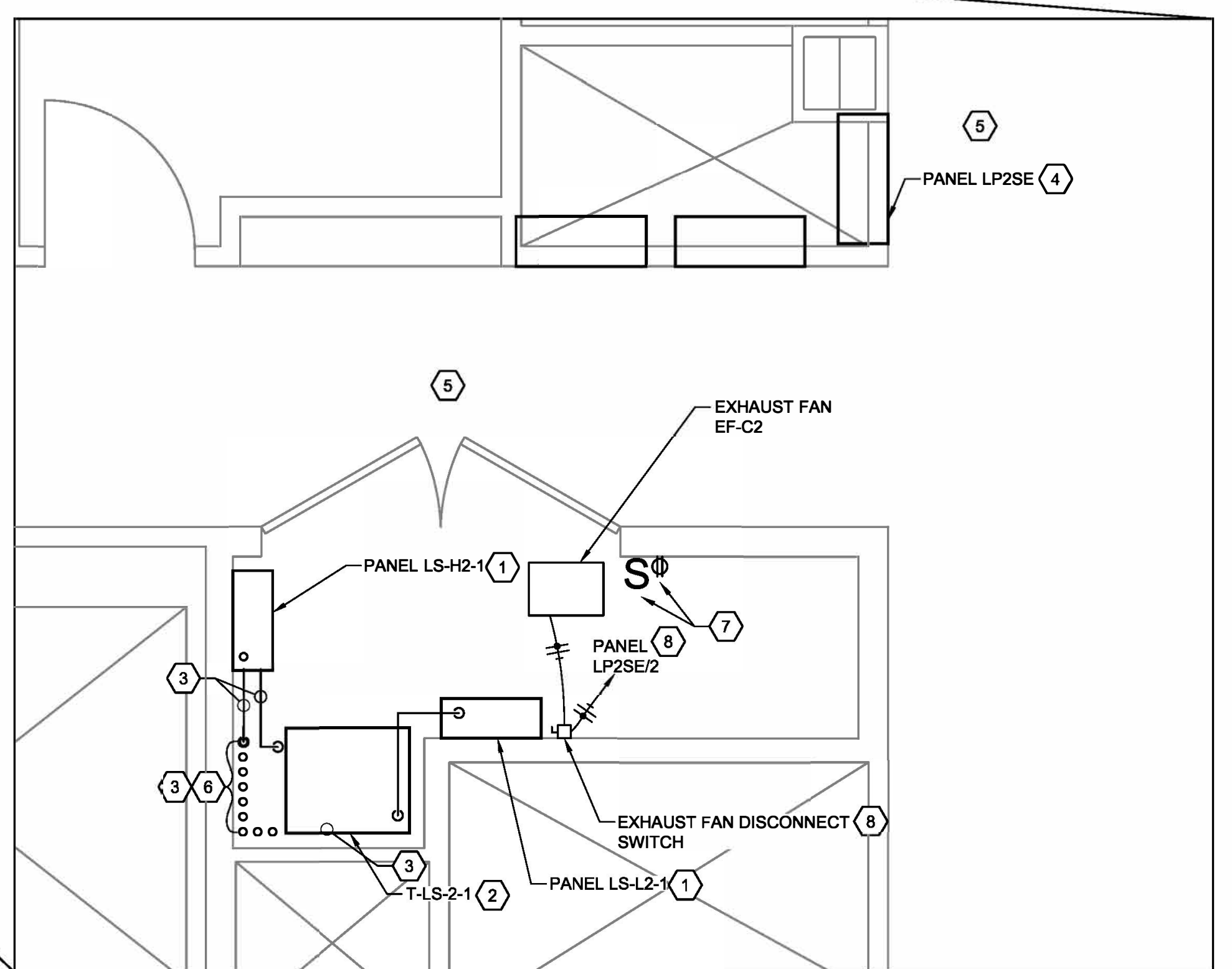
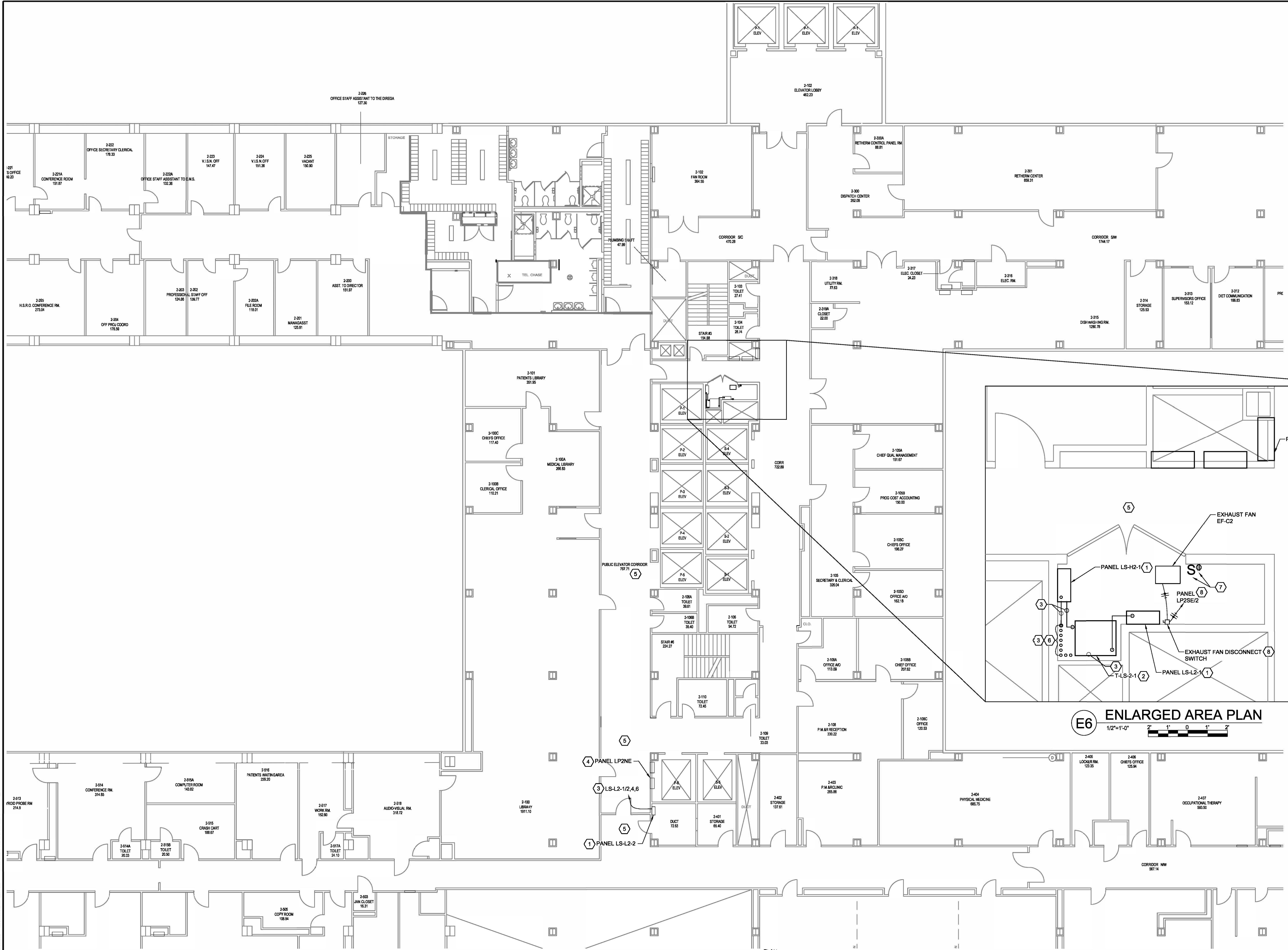
Department of Veterans Affairs



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one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot

- DRAWING NOTES:**
1. ALL SHOWN AS EXISTING UNLESS OTHERWISE INDICATED.
 2. REFER TO INSTALLATION ONE-LINE DIAGRAMS ON DRAWINGS EP-601 AND EP-602.
 3. CORRIDOR AREA IS SUSPENDED CEILING AND AREA ABOVE SUSPENDED CEILING IS VERY CONGESTED. COORDINATE EXACT ROUTING IN FIELD PRIOR TO CONSTRUCTION.
 4. PROVIDE ALL REQUIRED TEMPORARY LIGHTING FOR AREAS SERVED BY LIFE SAFETY LIGHTING CIRCUITS DURING BRANCH CIRCUIT CHANGEOVERS TO LIFE SAFETY SYSTEM.

- DRAWING KEYNOTES:**
1. PROVIDE POWER PANEL AS INDICATED AND SCHEDULED. REFER TO PANEL SCHEDULE ON DRAWINGS EP-604 THROUGH EP-606.
 2. PROVIDE TRANSFORMER AS INDICATED AND SCHEDULED.
 3. PROVIDE POWER CIRCUIT, REFER TO INSTALLATION ONE-LINE DIAGRAMS.
 4. DISCONNECT AND PULL BACK LIFE SAFETY BRANCH CIRCUITS FROM PANEL INDICATED. BRANCH CIRCUITS SHALL BE REPEATED FROM LIFE SAFETY PANEL. PROVIDE BRANCH CIRCUITS TO INTERCEPT AND REFEED LIFE SAFETY BRANCH CIRCUITS. REFER TO PANEL SCHEDULES ON DRAWING EP-607 FOR ADDITIONAL REQUIREMENTS. LIFE SAFETY PANELS SHALL BE INSTALLED AND TESTED PRIOR TO TRANSFERRING OF EXISTING LIFE SAFETY BRANCH CIRCUITS. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
 5. PROVIDE ALL MATERIAL AND LABOR TO REMOVE SUSPENDED CEILING TILES TO FACILITATE ELECTRICAL WORK IN THE AREA. PROVIDE REPLACEMENT SUSPENDED CEILING TILES FOR ANY DAMAGED TILES DURING CONSTRUCTION. REPLACEMENT SUSPENDED CEILING TILES SHALL MATCH EXISTING STYLE AND COLOR. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
 6. PROVIDE ALL REQUIRED FLOOR PENETRATIONS THROUGH CONCRETE FLOOR FOR POWER CIRCUITS TRANSITIONING TO/FROM FLOOR BELOW. SEAL PENETRATIONS FOR A 2-HOUR FIRE RATING. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
 7. PROVIDE ALL MATERIAL AND LABOR TO DISCONNECT, RELOCATE, AND REINSTALL LIGHT SWITCH, DUPLEX RECEPTACLE, AND ASSOCIATED CIRCUITS IN SURFACE MOUNTED BOXES TO FACILITATE DOOR REPLACEMENT.
 8. PROVIDE 240V 30A SINGLE-PHASE DISCONNECT SWITCH WITH NEMA 12 ENCLOSURE. SECURELY FASTEN TO BLOCK WALL. PROVIDE POWER CIRCUIT FROM EXISTING PANEL INDICATED. UTILIZE EXISTING 15A SINGLE-POLE CIRCUIT BREAKER FROM REMOVALS.



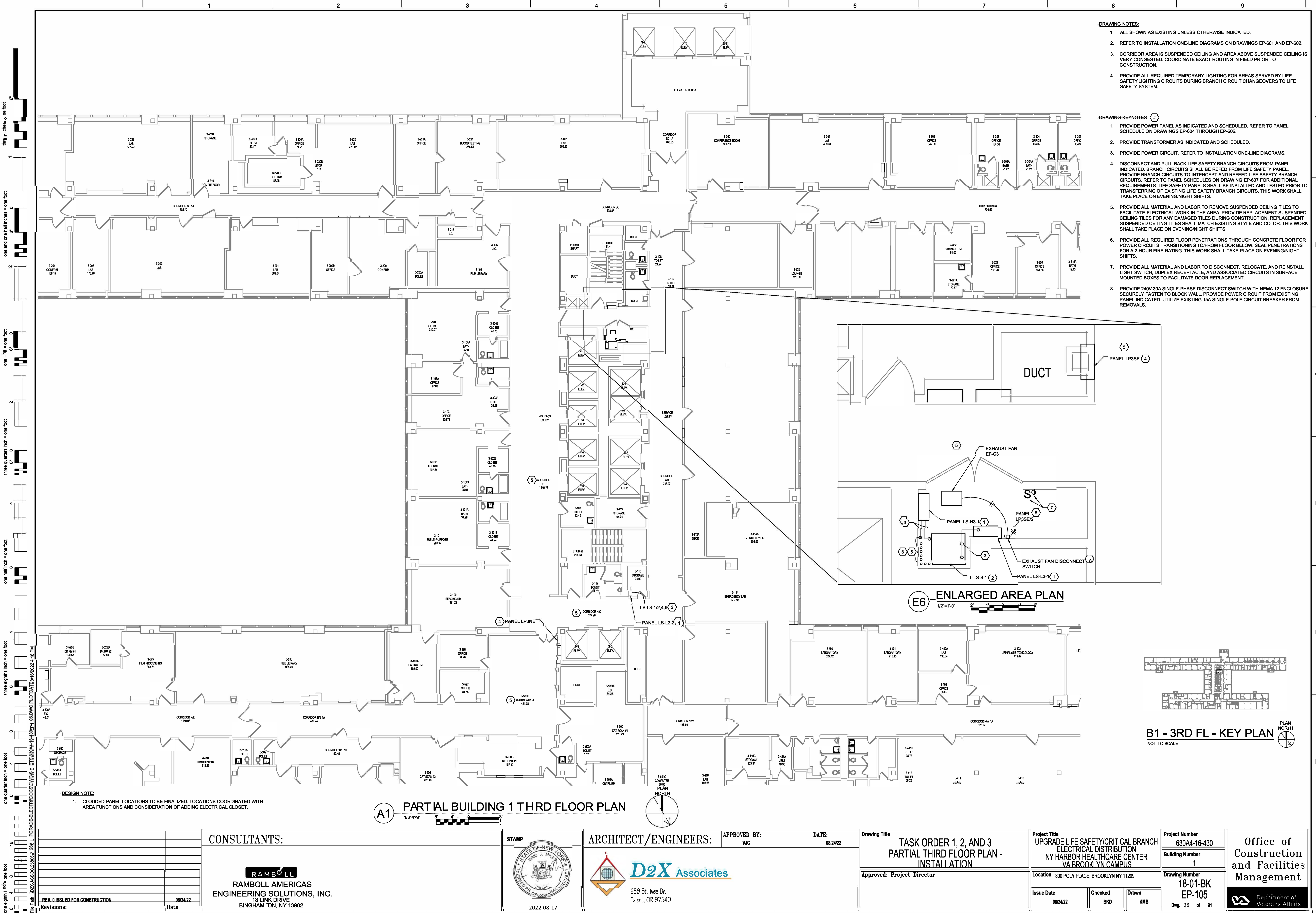
B1 - 2ND FL - KEY PLAN
NOT TO SCALE

DESIGN NOTE:

1. CLOUDED PANEL LOCATIONS TO BE FINALIZED. LOCATIONS COORDINATED WITH AREA FUNCTIONS AND CONSIDERATION OF ADDING ELECTRICAL CLOSET.

A1 PARTIAL BUILDING 1 SECOND FLOOR PLAN
1/8"=1'-0"

CONSULTANTS: RAMBOLL RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC. 18 LINK DRIVE BINGHAM TON, NY 13902		STAMP 	ARCHITECT/ENGINEERS: 259 St. Ives Dr. Talent, OR 97540	APPROVED BY: VJC DATE: 08/24/22	Drawing Title TASK ORDER 1, 2, AND 3 PARTIAL SECOND FLOOR PLAN - INSTALLATION Approved: Project Director	Project Title UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRICAL DISTRIBUTION NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS Location 800 POLY PLACE, BROOKLYN NY 11209 Issue Date 08/24/22 Checked BKD Drawn KMB	Project Number 630A4-16-430 Building Number 1 Drawing Number 18-01-BK EP-104 Dwg. 34 of 91	Office of Construction and Facilities Management
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- DRAWING NOTES:
1. ALL SHOWN AS EXISTING UNLESS OTHERWISE INDICATED.
 2. REFER TO INSTALLATION ONE-LINE DIAGRAMS ON DRAWINGS EP-601 AND EP-602.
 3. CORRIDOR AREA IS SUSPENDED CEILING AND AREA ABOVE SUSPENDED CEILING IS VERY CONGESTED. COORDINATE EXACT ROUTING IN FIELD PRIOR TO CONSTRUCTION.
 4. PROVIDE ALL REQUIRED TEMPORARY LIGHTING FOR AREAS SERVED BY LIFE SAFETY LIGHTING CIRCUITS DURING BRANCH CIRCUIT CHANGEOVERS TO LIFE SAFETY SYSTEM.

- DRAWING KEYNOTES:
1. PROVIDE POWER PANEL AS INDICATED AND SCHEDULED. REFER TO PANEL SCHEDULE ON DRAWINGS EP-604 THROUGH EP-608.
 2. PROVIDE TRANSFORMER AS INDICATED AND SCHEDULED.
 3. PROVIDE POWER CIRCUIT, REFER TO INSTALLATION ONE-LINE DIAGRAMS.
 4. DISCONNECT AND PULL BACK LIFE SAFETY BRANCH CIRCUITS FROM PANEL INDICATED. BRANCH CIRCUITS SHALL BE REPEATED FROM LIFE SAFETY PANEL. PROVIDE BRANCH CIRCUITS TO INTERCEPT AND REFEED LIFE SAFETY BRANCH CIRCUITS. REFER TO PANEL SCHEDULES ON DRAWING EP-607 FOR ADDITIONAL REQUIREMENTS. LIFE SAFETY PANELS SHALL BE INSTALLED AND TESTED PRIOR TO TRANSFERRING OF EXISTING LIFE SAFETY BRANCH CIRCUITS. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
 5. PROVIDE ALL MATERIAL AND LABOR TO REMOVE SUSPENDED CEILING TILES TO FACILITATE ELECTRICAL WORK IN THE AREA. PROVIDE REPLACEMENT SUSPENDED CEILING TILES FOR ANY DAMAGED TILES DURING CONSTRUCTION. REPLACEMENT SUSPENDED CEILING TILES SHALL MATCH EXISTING STYLE AND COLOR. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
 6. PROVIDE ALL REQUIRED FLOOR PENETRATIONS THROUGH CONCRETE FLOOR FOR POWER CIRCUITS TRANSITIONING TO/FROM FLOOR BELOW. SEAL PENETRATIONS FOR A 2-HOUR FIRE RATING. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
 7. PROVIDE ALL MATERIAL AND LABOR TO DISCONNECT, RELOCATE, AND REINSTALL LIGHT SWITCH, DUPLEX RECEPTACLE, AND ASSOCIATED CIRCUITS IN SURFACE MOUNTED BOXES TO FACILITATE DOOR REPLACEMENT.
 8. PROVIDE 240V 30A SINGLE-PHASE DISCONNECT SWITCH WITH NEMA 12 ENCLOSURE. SECURELY FASTEN TO BLOCK WALL. PROVIDE POWER CIRCUIT FROM EXISTING PANEL INDICATED. UTILIZE EXISTING 15A SINGLE-POLE CIRCUIT BREAKER FROM REMOVALS.

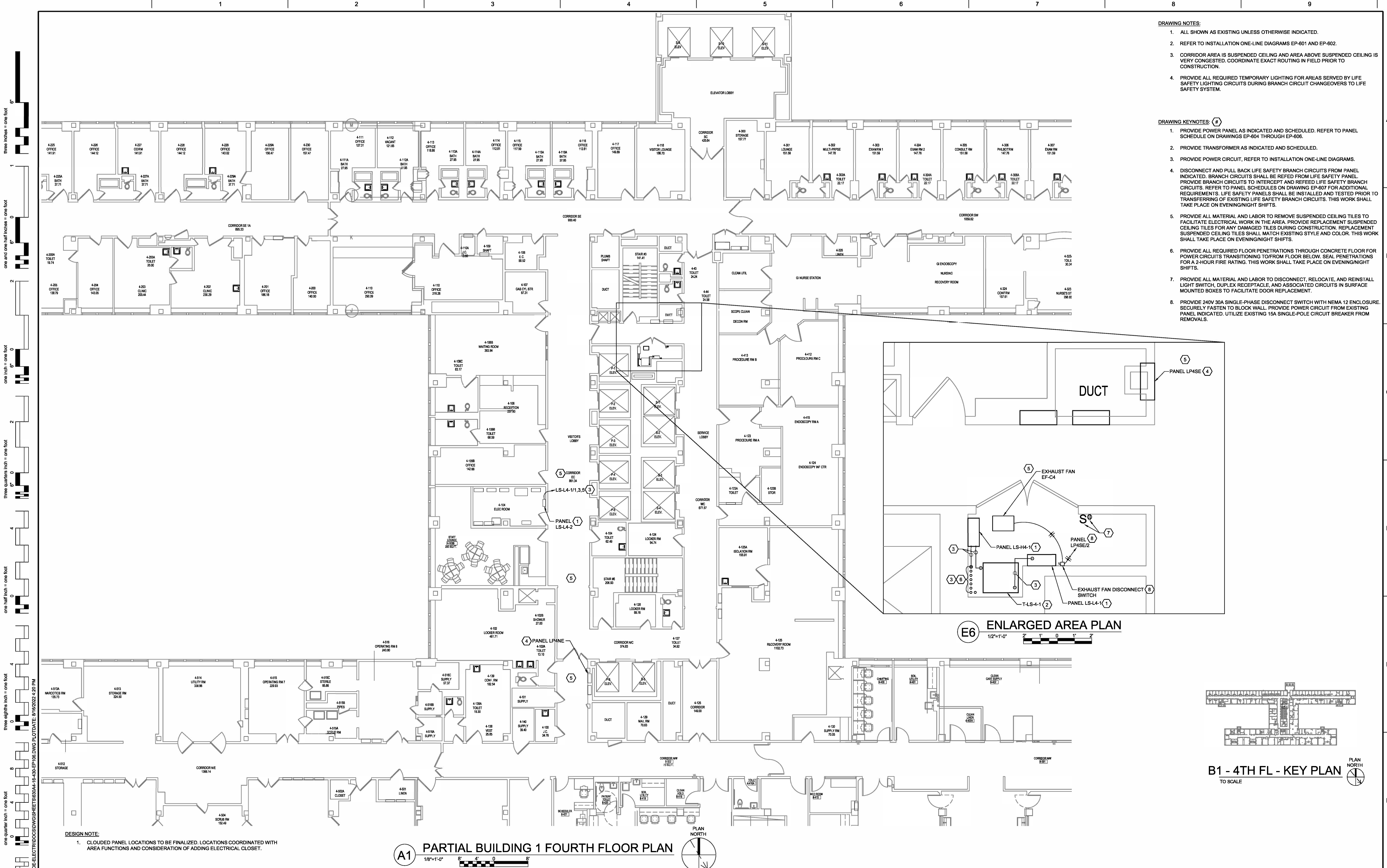
E6 ENLARGED AREA PLAN
1/2"=1'-0"

B1 - 3RD FL - KEY PLAN
NOT TO SCALE

A1 PARTIAL BUILDING 1 THRD FLOOR PLAN
1/8"=1'-0"

DESIGN NOTE:
1. CLOUDED PANEL LOCATIONS TO BE FINALIZED. LOCATIONS COORDINATED WITH AREA FUNCTIONS AND CONSIDERATION OF ADDING ELECTRICAL CLOSET.

CONSULTANTS: RAMBOLL RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC. 18 LINK DRIVE BINGHAM TON, NY 13902		STAMP 	ARCHITECT/ENGINEERS: 259 St. Ives Dr. Talent, OR 97540	APPROVED BY: VJC	DATE: 08/24/22	Drawing Title TASK ORDER 1, 2, AND 3 PARTIAL THIRD FLOOR PLAN - INSTALLATION	Project Title UPGRADE LIFE SAFETY/CRITICAL BRANCH ELECTRICAL DISTRIBUTION NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS	Project Number 630A4-16-430	Office of Construction and Facilities Management 	
REV. 1 ISSUED FOR CONSTRUCTION Revisions: _____ Date: 08/24/22						Approved: Project Director	Location 800 POLY PLACE, BROOKLYN NY 11209	Building Number 1	Drawing Number 18-01-BK EP-105 Dwg. 35 of 91	
							Issue Date 08/24/22	Checked BKD	Drawn KMB	



- DRAWING NOTES:**
1. ALL SHOWN AS EXISTING UNLESS OTHERWISE INDICATED.
 2. REFER TO INSTALLATION ONE-LINE DIAGRAMS EP-601 AND EP-602.
 3. CORRIDOR AREA IS SUSPENDED CEILING AND AREA ABOVE SUSPENDED CEILING IS VERY CONGESTED. COORDINATE EXACT ROUTING IN FIELD PRIOR TO CONSTRUCTION.
 4. PROVIDE ALL REQUIRED TEMPORARY LIGHTING FOR AREAS SERVED BY LIFE SAFETY LIGHTING CIRCUITS DURING BRANCH CIRCUIT CHANGEOVERS TO LIFE SAFETY SYSTEM.

- DRAWING KEYNOTES:**
1. PROVIDE POWER PANEL AS INDICATED AND SCHEDULED. REFER TO PANEL SCHEDULE ON DRAWINGS EP-604 THROUGH EP-606.
 2. PROVIDE TRANSFORMER AS INDICATED AND SCHEDULED.
 3. PROVIDE POWER CIRCUIT, REFER TO INSTALLATION ONE-LINE DIAGRAMS.
 4. DISCONNECT AND PULL BACK LIFE SAFETY BRANCH CIRCUITS FROM PANEL INDICATED. BRANCH CIRCUITS SHALL BE REFEED FROM LIFE SAFETY PANEL. PROVIDE BRANCH CIRCUITS TO INTERCEPT AND REFEED LIFE SAFETY BRANCH CIRCUITS. REFER TO PANEL SCHEDULES ON DRAWING EP-607 FOR ADDITIONAL REQUIREMENTS. LIFE SAFETY PANELS SHALL BE INSTALLED AND TESTED PRIOR TO TRANSFERRING OF EXISTING LIFE SAFETY BRANCH CIRCUITS. THIS WORK SHALL TAKE PLACE ON EVENING/NIGHT SHIFTS.
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CONSULTANTS: RAMBOLL RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC. 18 LINK DRIVE BINGHAMTON, NY 13902		ARCHITECT/ENGINEERS: D2X Associates 259 St. Ives Dr. Talent, OR 97540		APPROVED BY: VJC DATE: 08/24/22		Drawing Title TASK ORDER 1, 2, AND 3 PARTIAL FOURTH FLOOR PLAN - INSTALLATION Approved: Project Director		Project Title UPGRADE LIFE SAFETY CRITICAL BRANCH ELECTRICAL DISTRIBUTION NY HARBOR HEALTHCARE CENTER VA BROOKLYN CAMPUS Location 800 POLY PLACE, BROOKLYN NY 11209		Project Number 630A4-16-430 Building Number 1 Drawing Number 18-01-BK EP-106 Dwg. 36 of 91		Office of Construction and Facilities Management Department of Veterans Affairs	
DESIGN NOTE: 1. CLOUDED PANEL LOCATIONS TO BE FINALIZED. LOCATIONS COORDINATED WITH AREA FUNCTIONS AND CONSIDERATION OF ADDING ELECTRICAL CLOSET.		STAMP STATE OF NEW YORK ERIC J. MILES 090895 REGISTERED PROFESSIONAL ENGINEER 2022-08-17						Issue Date 08/24/22 Checked BKD Drawn KMB					