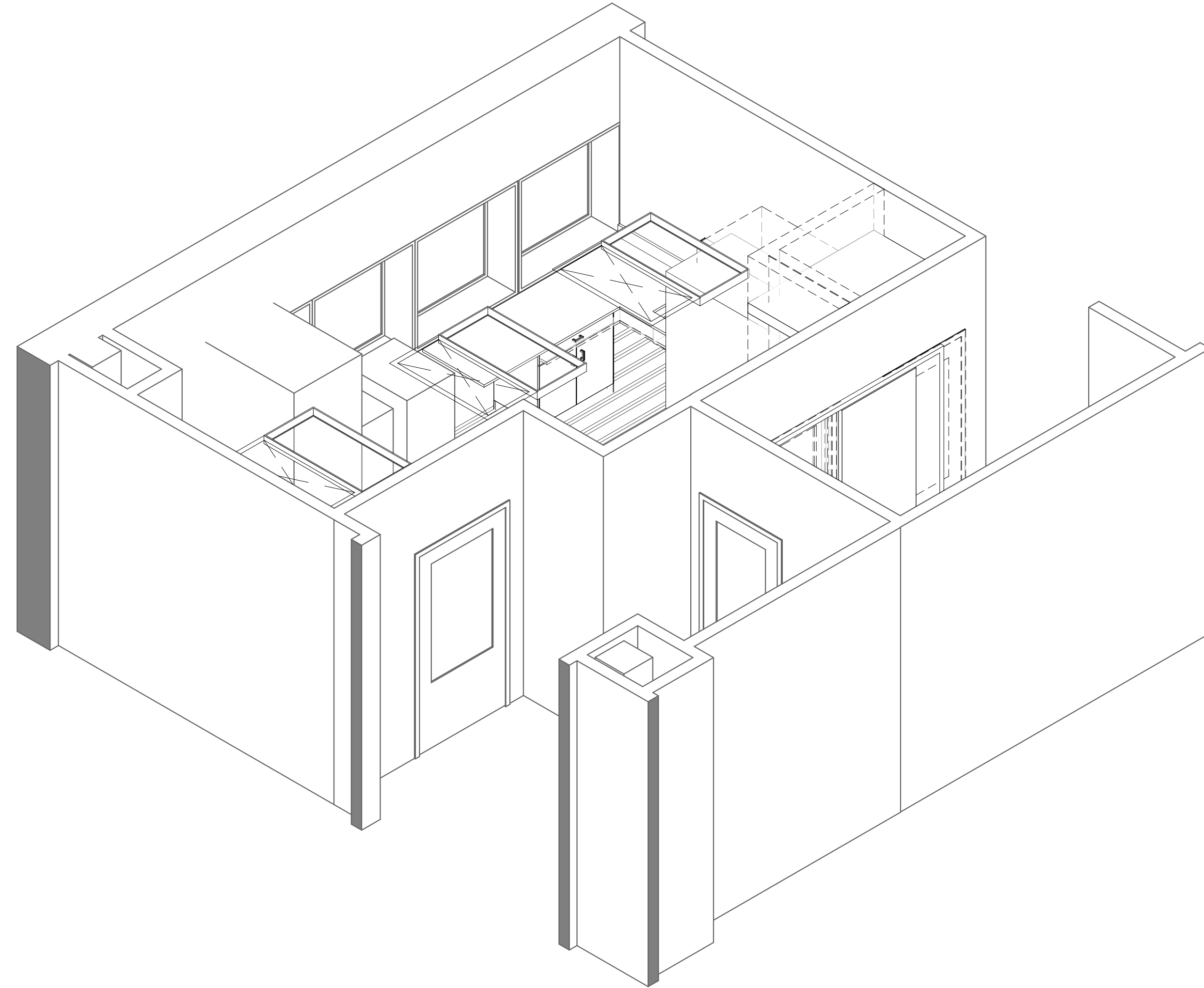


23024 3rd Flr. Blood Lab Crossing Station

3900 WOODLAND AVE
PHILADELPHIA PA 19104



DRAWING LIST

Revision No.	SHEET #	SHEET TITLE
GENERAL		
G001		COVER SHEET
G002		LIFESAFETY, ABBREVIATIONS & CODE NOTES
G003		INFECTION CONTROL RISK ASSESSMENT
G004		CONSTRUCTION SUB-SYSTEMS AND PARTITION TYPES
ARCHITECTURAL		
AD101		THIRD FLOOR PARTIAL DEMOLITION PLAN
A101		THIRD FLOOR PARTIAL PLANS
A102		INTERIOR ELEVATION, DETAILS AND DOOR SCHEDULE
A103		THIRD FLOOR FINISH & EQUIPMENT, PLANS & SCHEDULES
PLUMBING		
P001		MECHANICAL SYMBOLS, NOTES, AND ABBREVIATIONS
P101		MECHANICAL THIRD FLOOR DEMOLITION & NEW WORK PLANS
MECHANICAL		
M-001		MECHANICAL SYMBOLS, NOTES, AND ABBREVIATIONS
M-101		MECHANICAL THIRD FLOOR DEMOLITION & NEW WORK PLANS
ELECTRICAL		
E-001		ELECTRICAL SYMBOL LIST, NOTES, AND ABBREVIATIONS
E-101		ELECTRICAL THIRD FLOOR DEMOLITION & NEW WORK PLANS

SITE MAP



SYMBOLS

CONSTRUCTION SUBSYSTEM		REFERS TO A TYPICAL ASSEMBLY	ROOM NUMBER	Room name	REFERS TO NUMBER ON FLOOR PLAN
BUILDING WALL SECTION		LOCATION ON DRAWING SHEET	DOORS		REFERS TO NUMBER ON DOOR SCHEDULE, SEE SHEET A401
ELEVATION		ARROW INDICATES DIRECTION OF ELEVATION SHEET LOCATION WHERE ELEVATION IS LOCATED	PARTITION TYPES		REFERS TO INTERIOR PARTITIONS, SEE SHEET G004
INTERIOR ELEVATION		NUMBER INDICATES ELEVATION ON SHEET SHEET LOCATION WHERE ELEVATION IS LOCATED	EXTERIOR AND INTERIOR WINDOWS		REFERS TO FRAME TYPE, SEE ENLARGED ELEVATIONS ON SHEET A402
PLAN & SECTION DETAIL REFERENCE		LOCATION ON DRAWING SHEET	EXTERIOR AND INTERIOR STOREFRONT		REFERS TO FRAME TYPE, SEE ENLARGED ELEVATIONS ON SHEET A402
REVISION		REVISIONS ARE SHOWN WITHIN "CLOUDED" AREA REVISION NUMBER & DATE WILL APPEAR IN TITLE BLOCK SPACE SO LABELED	CONSTRUCTION NOTE		REFERS TO CONSTRUCTION NOTES ON THAT SHEET
			DEMOLITION NOTE		REFERS TO DEMOLITION NOTES ON THAT SHEET
			EXISTING GRID LINE		REFERS TO EXISTING GRID LINES IN PROJECT
			NEW GRID LINE		REFERS TO NEW GRID LINES

SUBMISSION REVIEW LOG:

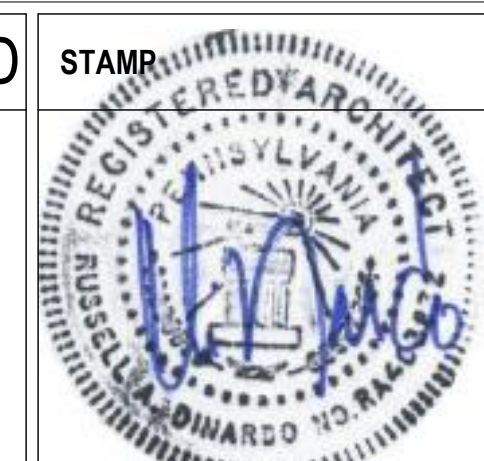
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Revisions:	Date:

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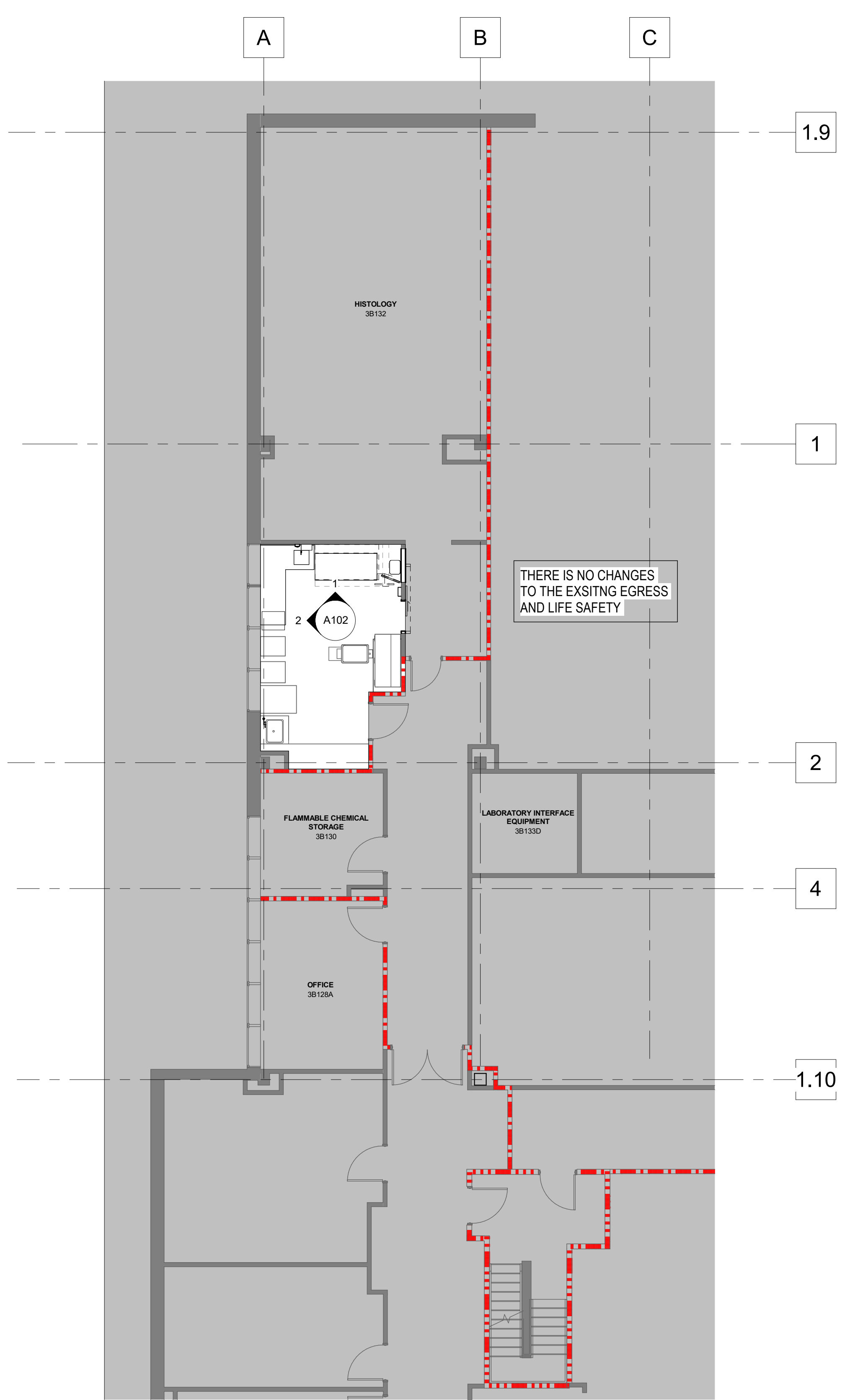
Drawing Title
COVER SHEET
Approved:

Phase
CONSTRUCTION DRAWINGS

Project Title
23024 3rd Flr. Blood Lab Crossing Station
Location
3900 WOODLAND AVE PHILADELPHIA PA 19104
Issue Date
08/01/2024
Checked
A H
Drawn
D K

Project Number
642.22.135
Building Number
2
Drawing Number
G001

A B C D E



1 FIRST FLOOR LIFE SAFETY PLAN
1/8" = 1'-0"

ABBREVIATIONS:

Table with 4 columns of abbreviations and their corresponding full names. Includes terms like CLASS A DOOR, AIR CONDITION, ARCHITECT/ENGINEER, etc.

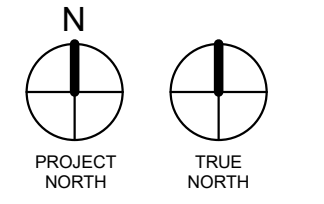
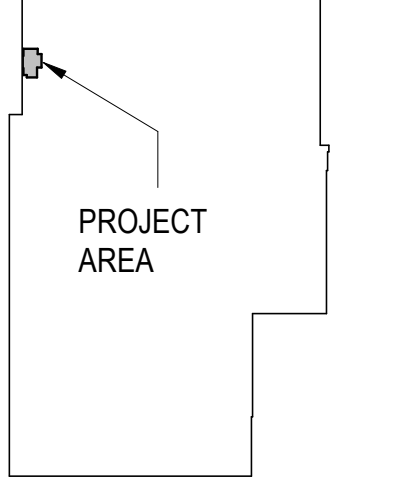
CODE NOTES:

- A. PRIMARY APPLICABLE CODES AND STANDARDS - EXISTING BUILDING / RECONSTRUCTION
THE DEPARTMENT OF VETERANS AFFAIRS HAS ADOPTED THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS AS A MINIMUM FOR ALL PROJECTS PERFORMED IN THE MODERNIZATION, ALTERATION, ADDITION OR IMPROVEMENT OF ITS REAL PROPERTY AND THE CONSTRUCTION OF NEW STRUCTURE.
1. NFPA 101 LIFE SAFETY CODE, 2024 EDITION
2. NFPA NATIONAL FIRE CODES (WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900)
3. NATIONAL ELECTRIC CODE (NEC)
4. INTERNATIONAL PLUMBING CODE (IPC)
5. ASME BOILER AND PRESSURE VESSEL CODE
6. ASME CODE FOR PRESSURE PIPING
7. ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAA) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PG-18-13)
8. ENERGY POLICY ACT (EPA)
9. VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL)
10. VA MENTAL HEALTH DESIGN GUIDE
11. INTERNATIONAL BUILDING CODE (IBC) - ONLY WHEN SPECIFICALLY REFERENCE IN VA DESIGN DOCUMENTS
12. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS
13. PHYSICAL SECURITY DESIGN MANUAL (PSDM)
2. THE CONSTRUCTION CLASSIFICATION IS TYPE II (22). THE OCCUPANCY GROUP IS HEALTH. THE MINIMUM FIRE RATING FOR ALL LOAD BEARING STRUCTURAL ELEMENTS IS 2 HOURS. IF DURING CONSTRUCTION, ANY DAMAGE TO EXISTING FIREPROOFING IS OBSERVED OR IF DISCOVERED THAT ANY FIRE PROTECTION IS MISSING, THE CONTRACTOR SHALL REPAIR TO MAINTAIN FULL PROTECTION.
3. RENOVATION TO EXISTING LAB POSSESS NO CHANGE TO EXISTING BUILDING OCCUPANCY OR EXISTING EGRESS PATHS.
NFPA 101 REVIEW
B. CHAPTER 39 EXISTING BUSINESS OCCUPANCIES
1. (39.1.1.1) THE REQUIREMENTS OF THIS CHAPTER SHALL APPLY TO EXISTING BUILDINGS OR PORTIONS THEREOF USED AS BUSINESS OCCUPANCIES.
C. MEANS OF EGRESS - CHAPTER 39 AND CHAPTER 7
TRAVEL DISTANCE TO EXITS (39.2.6)
1. 39.2.6.3 TRAVEL DISTANCE SHALL NOT EXCEED 300 FT. IN BUSINESS OCCUPANCIES PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM.
2. THERE IS NO CHANGE TO THE EXISTING CORRIDOR PLAN CONFIGURATION AND EXISTING.
D. FIRE PROTECTION EQUIPMENT - CHAPTER 39 AND CHAPTER 9
1. THE EXISTING CORRIDORS ARE FULLY PROTECTED WITH AN AUTOMATIC SPRINKLER SYSTEM.
2. (39.3.5) EXTINGUISHMENT REQUIREMENTS. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN EVERY BUSINESS OCCUPANCY IN ACCORDANCE WITH SECTION 9.9.
A. (9.9) WHERE REQUIRED BY ANOTHER SECTION OF THIS CODE, PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS.
E. INTERIOR FINISHES - CHAPTER 39 AND SECTION 10.2
1. (18.3.3.2.1) INTERIOR WALL AND CEILING FINISH MATERIALS COMPLYING WITH SECTION 10.2 SHALL BE CLASS A OR CLASS B IN EXITS AND IN EXIT ACCESS CORRIDORS.
2. (39.3.3.2.2) INTERIOR WALL AND CEILING FINISHES SHALL BE CLASS A, CLASS B, OR CLASS C IN AREAS OTHER THAN THOSE SPECIFIED IN 39.3.2.1...

LIFESAFETY LEGEND:

- EXIT SIGN
EXISTING 1 HR FIRE RATED FIRE BARRIER
EXISTING 2 HR FIRE RATED FIRE BARRIER
EXISTING SMOKE BARRIER
5P OCCUPANT LOAD
FEC FIRE EXTINGUISHER IN CABINET
E FIRE EXTINGUISHER ON WALL WITH MOUNTING BRACKET
EXIT INFORMATION
MAX. NO. PERSON EXIT ALLOWS
EXIT WIDTH IN INCHES
ACTUAL OCCUPANT LOAD

KEY PLAN



Autodesk Docs: 23024 Blood Lab Grossing Station/23024 Blood Lab Grossing Station.vvt

Revisions table with columns for revision number, description, and date.

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Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: LIFESAFETY, ABBREVIATIONS & CODE NOTES
Approved:

Phase: CONSTRUCTION DRAWINGS

Project Title: 23024 3rd Flr. Blood Lab Grossing Station
Location: 3900 WOODLAND AVE PHILADELPHIA PA 19104
Issue Date: 08/01/2024
Checked: AH
Drawn: DK

Project Number: 642.22.135
Building Number: 2
Drawing Number: G002

INFECTION CONTROL NOTES:

THE PURPOSE OF INFECTION CONTROL PROCEDURES IS TO MINIMIZE THE POTENTIAL FOR THE SPREAD OF INFECTIONS DUE TO DEGRADED AIR QUALITY, ENVIRONMENTAL CONTAMINATION, OR CONTAMINATION OF WATER. IT IS THE POLICY OF THIS MEDICAL CENTER THAT A SYSTEMATIC APPROACH BASED ON ASSESSMENT AND PLANNING WILL EFFECTIVELY MANAGE THE ISSUE OF TRANSMISSION OF INFECTIOUS DISEASES AND THE AGGRAVATION OF ALLERGIES. THE OVERALL APPROACH RELIES ON PRE-CONSTRUCTION ASSESSMENT, MANAGEMENT OF HVAC SYSTEMS, AND AGGRESSIVE USE OF A VARIETY OF BARRIERS. CONTRACTOR IS TO WORK CLOSELY WITH THE VA FACILITY MANAGEMENT SERVICE CENTER, THE INFECTION CONTROL PROGRAM STAFF AND THE SAFETY AND OCCUPATION HEALTH MANAGER TO HAVE IN PLACE A MONITORING PROGRAM TO ASSURE RIGOROUS IMPLEMENTATION OF THE REQUIRED MEASURES, REFER TO PROJECT SPECIFICATIONS.

- A. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND COORDINATE ALL INFECTION CONTROL REQUIREMENTS WITH THE DEMOLITION AND NEW CONSTRUCTION. THE CONTRACTOR SHALL REPORT ALL DISCOVERIES TO THE OWNERS' REPRESENTATIVE FOR RESOLUTION PRIOR TO BEGINNING.
B. CONTRACTOR TO INSTALL BARRIERS AND OTHER MEASURES. CONSTRUCTION BARRIER DOOR(S) MUST BE SELF-CLOSING. PROVIDE DUST CONTROL AND CONTAINMENT STICKY MATS ON ALL ACCESS DOORS INTO CONSTRUCTION AREA. ANTE-ROOM REQUIRED AT CONSTRUCTION ENTRY. PROVIDE MANOMETER MONITORS FOR ALL CONSTRUCTION BARRIERS.
C. CONTRACTOR TO DISPOSE OF MATERIALS BEFORE 8:00 AM AND OR AFTER 4:00 PM UNLESS ARRANGED WITH THE VA TO DISPOSE OF DURING NORMAL HOURS. USE ROUTE AGREED UPON BY ICRA TEAM AND COTR FOR TRANSPORT OF TRANSPORT CONTAINERS THROUGH THE FACILITY. CONTRACTORS CAN ONLY DEVIATE TO NORMAL HOURS WITH THE APPROVAL OF THE INFECTION CONTROL NURSE AND COR DUE TO PARTICULAR CIRCUMSTANCES THAT MAY OBSTRUCT PROGRESS. A CLEAR PLAN WILL HAVE TO BE SUBMITTED AND PRECAUTIONARY INFECTION CONTROL MEASURES IMPLEMENTED.
D. CONTRACTOR TO COVER CARTS AND WEAR BOOTIES WHEN DISPOSING MATERIALS.
E. CONTRACTOR TO CHANGE MATS MULTIPLE TIMES A DAY AS NEEDED AND MOP FLOORS BEHIND THEM MULTIPLE TIMES A DAY.
F. CONTRACTOR TO MAINTAIN CONTINUOUS NEGATIVE AIR PRESSURE WITHIN THE WORK SITE UTILIZING WINDOW EXHAUST FANS STRATEGICALLY LOCATED OR PROVIDED NEGATIVE PRESSURE AIR HEPA UNITS AND EXHAUST TO EXTERIOR OF THE BUILDING. CONTRACTOR TO INCLUDE MONITORING MANOMETER AT ANTEROOM SO THE NEGATIVE PRESSURE CAN BE INSPECTED.

INFECTION CONTROL RISK ASSESSMENT

Infection Control Risk Assessment Matrix of Precautions for Construction & Renovation

STEP ONE: Using the following table, identify the Type of Construction Project Activity (Type A-D)

Table with 4 columns: TYPE A, TYPE B, TYPE C, TYPE D. Each column lists inspection and non-invasive activities, small scale activities, large-scale activities, and major demolition and construction activities.

STEP 1 - Activity Type: TYPE C

STEP TWO: Using the following table, identify the Patient Risk Groups that will be affected. If more than one risk group will be affected, select the higher risk group.

Table with 4 columns: LOW RISK, MEDIUM RISK, HIGH RISK, HIGHEST RISK. Lists various patient care areas and associated services.

STEP 2 - Patient Risk Group: HIGH RISK

STEP THREE: Match the Patient Risk Group (Low, Medium, High, Highest) from Step Two with the planned Construction Activity Project Type (A, B, C, D) from Step one using the table to find the Class of Precautions (I, II, III, IV) or level of infection control activities required.

Construction Project Type

Table with 5 columns: Patient Risk Group, TYPE A, TYPE B, TYPE C, TYPE D. Shows risk group assignments for different project types.

Infection control permit and approval will be required when Class of Precautions III (Type C) and all Class of Precautions IV or V are necessary.

Environmental conditions that could affect human health, such as sewage, mold, asbestos, gray water and black water will require Class of Precautions IV for LOW and MEDIUM Risk Groups and Class of Precautions V for HIGH and HIGHEST Risk Groups.

*Type C (Medium Risk Groups) and Type D (Low Risk Groups) work areas (Class III precautions) that cannot be sealed and completely isolated from occupied patient care spaces should be elevated to include negative air exhaust requirements as listed in Class IV Precautions.

STEP 3 - Class of Precautions: CLASS IV

STEP FOUR: Assess potential risk to areas surrounding the project. Using Table 4, identify the surrounding areas that will be affected and the type of impact that will occur. If more than one risk group will be affected, select the higher risk group using Table 2 - Patient Risk Group.

Table with 5 columns: Unit Below, Unit Above, Unit Lateral, Unit Behind, Unit in Front. Lists risk groups and contact information for surrounding areas.

Noise & Vibration Mitigation Strategies
- Use diamond drills instead of powder-actuated fasteners.
- Schedule noise-making periods with adjacent spaces.
- Use beam clamps instead of shot.
- Prefab where possible.
- Use rim snips to cut metal studs instead of using a chop saw.
- Install metal decking with vent tabs, then use ceiling floor deck hangers.
- Consider compression style fittings instead of soldering, brazing, or welding.
- Wet one drill instead of dry core or percussion.
- Instead of jackhammering concrete, use wet diamond saws.
- Use HEPA vacuums instead of standard wet/dry vacuums.
- Use mechanical joining system sprinkler fittings instead of threaded.
- Where fumes are tolerated, use chemical adhesive remover (floor glue) instead of mechanical.
- To remove flooring, consider abrasive blasting instead of using a floor scraper.
- Use electronic shears instead of reciprocating saw for ductwork cutting.
- Install exterior main/material lifts.

Ventilation & Pressurization Mitigation Strategies
- HEPA to exterior.
- Install temporary ductwork.
- Utilize temporary HVAC equipment.
- Vacate the area.
- Install temporary partitions.
- Use carbon filtration cots.
Impact to Other Systems Mitigation Strategies
- Schedule outages.
- Provide temporary systems.
- Back-feed electrical or medical gases.

Minimum Required Infection Control Precautions by Class | Before and During Work Activity

Table with 5 columns: CLASS I, CLASS II, CLASS III, CLASS IV, CLASS V. Lists 18 numbered precautionary measures for each class.

Minimum Required Infection Control Precautions | Upon Completion of Work Activity

Table with 2 columns: CLASSES I, II, & III; CLASSES IV & V. Lists cleaning and HVAC system requirements for each class.

Attachment A: Infection Control Construction Permit. Fields for Location of Construction, Project Coordinator, Contractor Performing Work, Supervisor, Permit Request Signature, Permit Authorized Signature, Project No., Project Start Date, Estimated Duration, Permit Expiration Date, Telephone, Date.

Table with 4 columns: YES, NO, CONSTRUCTION ACTIVITY, YES, NO, INFECTION CONTROL RISK GROUP. Lists activities and their corresponding risk groups.

Assigned CLASS: CLASS I, CLASS II, CLASS III, CLASS IV, CLASS V

Table with 2 columns: CLASS I, CLASS II, CLASS III. Lists 18 numbered precautionary measures for each class upon completion of work activity.

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Revisions table with columns for Revisions and Date.

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Office of Construction and Facilities Management U.S. Department of Veterans Affairs

Drawing Title: INFECTION CONTROL RISK ASSESSMENT. Approved: [Signature]

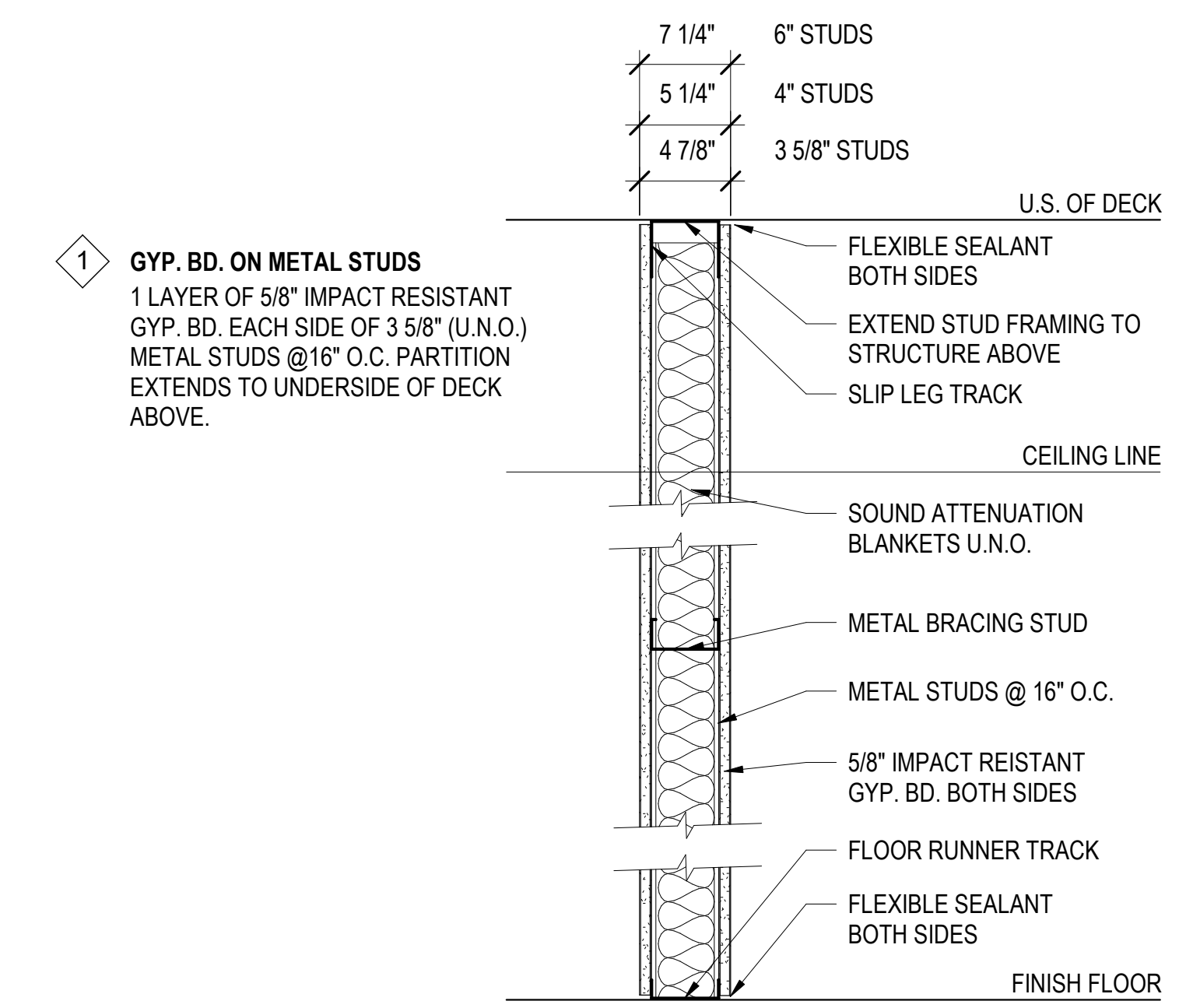
Phase: CONSTRUCTION DRAWINGS

Project Title: 23024 3rd Flr. Blood Lab Grossing Station. Location: 3900 WOODLAND AVE PHILADELPHIA PA 19104. Issue Date: 08/01/2024. Checked: AH. Drawn: DK.

Project Number: 642.22.135. Building Number: 2. Drawing Number: G003.

PARTITION NOTES:

- A. ALL STUD SPACING IS 16 INCHES ON CENTER UNLESS NOTED OTHERWISE.
- B. ALL STUDS SHALL BE 20 GAUGE UNLESS NOTED OTHERWISE.
- C. SEE FINISH SCHEDULE FOR LOCATION OF APPLIED FINISHES (SUCH AS CERAMIC TILE, WALL COVERING, ETC.) THAT MAY AFFECT THE PARTITION SURFACE AND CONSTRUCTION REQUIREMENTS.
- D. ALL SOUND RATED WALLS OR PARTITIONS (STC 45 OR AND ABOVE) SHALL HAVE AN ACOUSTICAL GASKET AND/OR ACOUSTICAL SEALANT AT THE TOP, BOTTOM AND SIDES WHERE A SOUND LEAK COULD OCCUR. ALL PENETRATIONS THROUGH SUCH PARTITIONS SHALL BE GASKETED AND SEALED ALONG THE PENETRATION PERIMETER. IF PARTITIONS ARE FIRE-RATED, PROVIDE UL-LABELLED FIRE STOPPING IN PLACE OF ACOUSTICAL SEALANT. AT PARTITIONS THAT ARE SOUND AND FIRE RATED, PROVIDE ACOUSTICAL SEALANT AT PARTITION PENETRATIONS THAT DO NOT REQUIRE FIRE STOPPING (EXAMPLE: DUCT PENETRATIONS WITH FIRE DAMPERS).
- E. ALL FIRE AND/OR SMOKE PARTITIONS, FIRE BARRIERS AND FIRE WALLS SHALL EXTEND FROM FINISH FLOOR TO WHERE IT MAY BE SEALED, SUCH AS THE UNDERSIDE OF THE STRUCTURE OR DECK, AND BE ENTIRELY SEALED WITH FIRE SAFING MATERIALS PER AN APPROVED FIRE RATED ASSEMBLY IN ACCORDANCE WITH A U.L. DESIGN OR A DESIGN TESTED BY A TESTING LAB APPROVED BY THE AUTHORITY HAVING JURISDICTION. ALL PENETRATIONS THROUGH AND EDGES OF PARTITIONS SHALL ALLOW FOR APPROPRIATE DEFLECTIONS AND MOVEMENT OF ADJACENT MATERIALS AND RESULTING SPACES PROPERLY FILLED WITH FIRE SAFING INSULATION AND/OR SEALED TO MAINTAIN THE RATING INTEGRITY.
- F. ALL RATED PARTITIONS SHALL BE PERMANENTLY IDENTIFIED WITH A SIGN OR STENCILING ABOVE THE CEILING. THE SIGN SHALL READ "X-HOUR FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS", AND BE LOCATED A MAXIMUM 15 FEET O.C. ON CONTINUOUS WALLS. BEGIN NEW SERIES ON ALL CORNERS. LETTERING AND ARROWS MAY BE UTILIZED TO INDICATE THE DIRECTION AND EXTENT OF THE FIRE RATING.
- G. ALL NON-RATED PARTITIONS OF COMBUSTIBLE CONSTRUCTION EXTENDING ABOVE THE CEILING SHALL BE FIREBLOCKED AT THE TOP OF PARTITION AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET IF NECESSARY. WITH 2 INCH NOMINAL LUMBER ALL PENETRATIONS OF THIS FIRE-STOPPING SHALL BE SEALED.
- H. PROVIDE BRACING AT 48" O.C. MAXIMUM ABOVE CEILING TO STRUCTURAL FRAMING WHERE PARTITION EXCEEDS THE MAXIMUM UNBRACED HEIGHT OR WHERE REQUIRED TO PROVIDE RIGIDITY TO THE PARTITION BELOW THE CEILING WHERE CERAMIC TILE OCCURS. ENSURE INTEGRITY OF FIRE AND SOUND RATINGS OF PARTITION IF BRACING PENETRATES PARTITION SURFACE.
- I. NON-RATED PARTITIONS THAT DO NOT EXTEND TO STRUCTURE OR DECK ABOVE, IN AREAS WITH ACOUSTICAL TILE CEILINGS, SHALL EXTEND A MINIMUM OF 6 INCHES ABOVE THE CEILING. SEE NOTE 'J' ABOVE FOR BRACING REQUIREMENTS. TOP OF PARTITION SHALL BE FIRE-STOPPED WITH NON-COMBUSTIBLE MATERIAL (I.E. METAL STUD RUNNER).
- J. FIBERGLASS FACED GYPSUM BOARD SHALL BE USED FOR THE FACE
- A. PROVIDE BLOCKING AT ALL ACCESSORIES AND CASEWORK.
- B. AT SPACES WITHOUT CEILINGS, SURROUNDING PARTITIONS SHALL EXTEND TO STRUCTURE OR DECK ABOVE WITHOUT ANY VOIDS ABOVE TOP OF WALL.
- C. SEE SPECIFICATION SECTION 092900 - GYPSUM BOARD ASSEMBLIES FOR FINISH LEVEL REQUIRED, UNLESS SPECIFICALLY NOTED.
- D. ONLY THOSE PARTITIONS SHOWN AS RATED WALLS ON THE FIRE PROTECTION PLANS AND THE REFLECTED CEILING PLANS MUST CONFORM TO THE UL LISTING INDICATED.
- E. PROVIDE METAL CONTROL JOINTS IN GYPSUM BOARD SURFACES SPACED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED BEST PRACTICES. WHERE VISUAL CONSIDERATIONS PREVAIL, CONSULT WITH ARCHITECT TO DETERMINE LOCATIONS.
- F. PROVIDE L-BEAD WITH SEALANT AND BACKER ROD WHERE GWP ABUTS A DISSIMILAR MATERIAL SUCH AS CMU.
- G. WALL ACCESSORIES SUCH AS FIRE EXTINGUISHER CABINETS, PAPER TOWEL DISPENSERS, ETC. INSTALLED IN RATED WALLS SHALL BE INSTALLED IN A MANNER WHICH WILL NOT REDUCE THE FIRE RATING OF THE WALL.
- H. ALL OUTSIDE CORNERS AND END OF GYPSUM BOARD PARTITIONS SHALL RECEIVE METAL CORNER BEADS OR METAL TRIM UNLESS NOTED OTHERWISE.



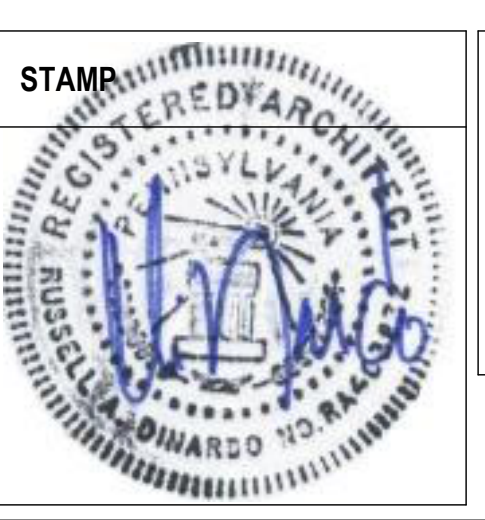
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Revisions:	Date:

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 U.S. Department of Veterans Affairs

Drawing Title
CONSTRUCTION SUB-SYSTEMS AND PARTITION TYPES
 Approved:

Phase
CONSTRUCTION DRAWINGS

Project Title
 23024 3rd Flr. Blood Lab Grossing Station
 Location
 3900 WOODLAND AVE PHILADELPHIA PA 19104
 Issue Date
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 Checked
 AH
 Drawn
 DK

Project Number
 642.22.135
 Building Number
 2
 Drawing Number
G004

A

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E

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DEMOLITION NOTES

(APPLY TO THIS SHEET ONLY)

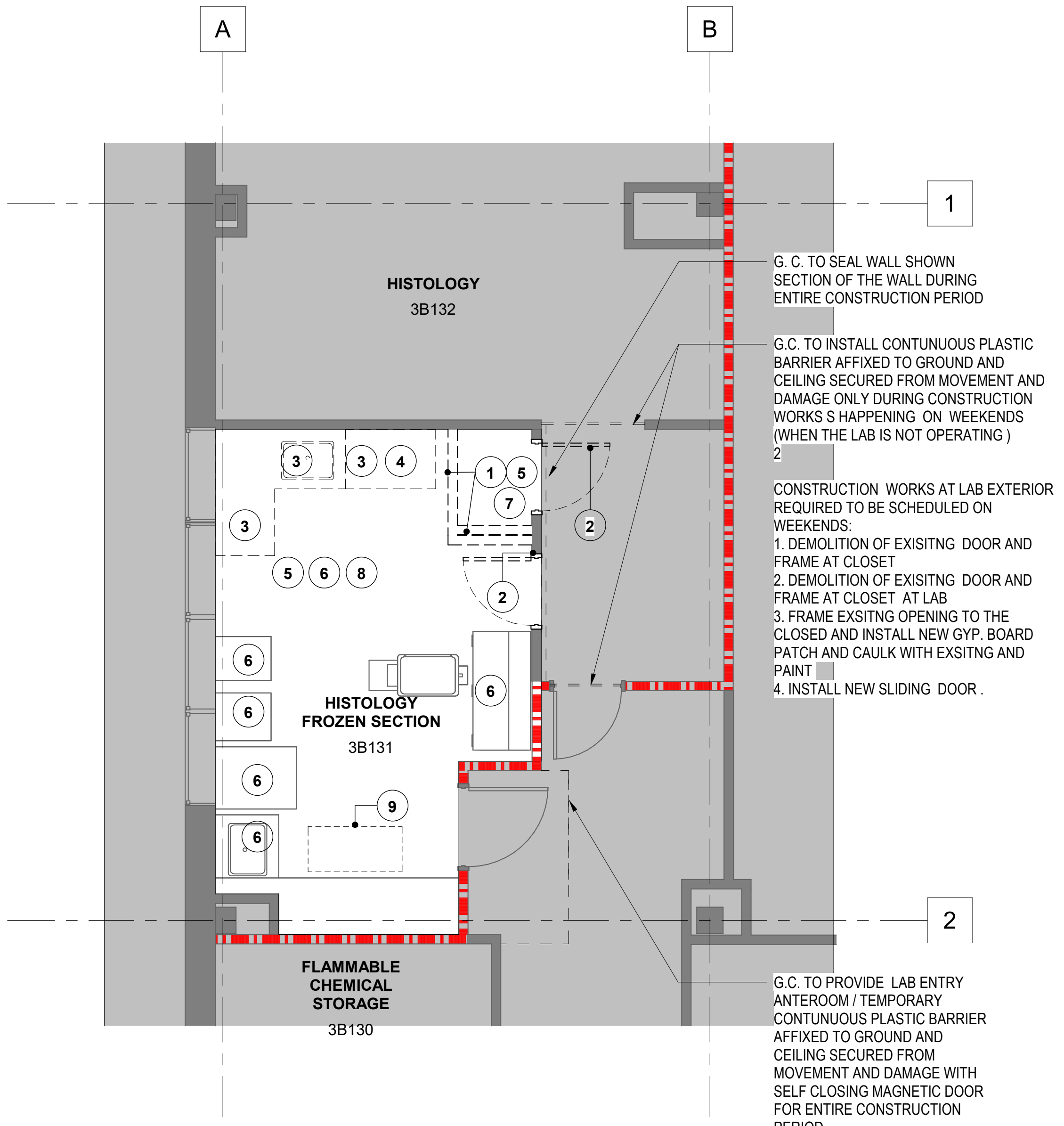
- 1 REMOVE EXISTING INTERIOR PARTITIONS IN THEIR ENTIRETY.
- 2 REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
- 3 REMOVE EXISTING CASEWORK, COUNTERTOP, SINK AND DRYING RACK
- 4 DISCONNECT AND REMOVE EXISTING GROSSING HOOD STATION
- 5 REMOVE EXISTING FLOOR FINISH AT ENTIRE ROOM AND CLOSET, PREPARE FOR INSTALLATION OF NEW FLOOR FINISH
- 6 REMOVAL AND TEMPORARY RELOCATION OF ALL MOVABLE FURNITURE AND EQUIPMENT TO BE FACILITATED BY THE VA. GC TO SEAL WITH PROTECTIVE PLASTIC FOIL ALL REMAINING PERMANENT FURNITURE, EQUIPMENT AND FIXTURE.
- 7 REMOVE CEILING AT CLOSET, PREPARE FOR SEAMLESS PATCHING (SEE GENERAL DEMO NOTE H)
- 8 INSTALL HEPA EXHAUST AIR SYSTEM DIRECTED OUTDOOR
- 9 REMOVE SECTION OF EXISTING CEILING, PREPARE FOR INSTALLATION OF NEW AIR DIFFUSER (SEE GENERAL DEMO NOTE H)

DEMOLITION LEGEND:

- EXISTING WALL TO REMAIN
- EXISTING DOOR TO REMAIN
- TEMPORARY 1 HR BARRIER
- DEMOLITION SCOPE
- EXISTING 1 HR FIRE RATED FIRE BARRIER
- EXISTING SMOKE BARRIER
- NOT IN SCOPE
- DEMOLITION NOTE

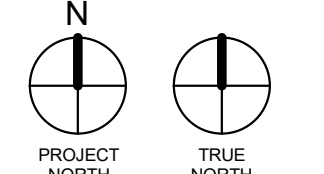
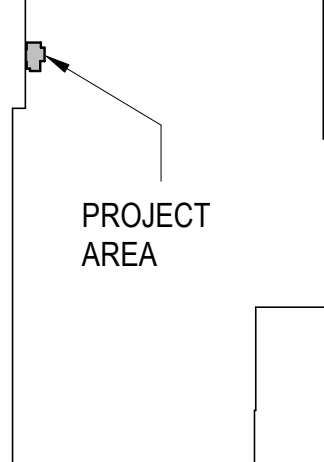
GENERAL DEMOLITION NOTES:

- A. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND COORDINATE ALL REMOVAL ACTIVITIES WITH NEW CONSTRUCTION. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO BEGINNING REMOVALS.
- B. PROTECT ALL CONSTRUCTION TO REMAIN FROM DAMAGE DURING REMOVAL OF ADJACENT CONSTRUCTION. REPAIR/REPLACE CONSTRUCTION TO REMAIN THAT WAS DAMAGED DURING DEMOLITION TO MATCH THE QUALITY OF THE NEW WORK. PROVIDE DUST CONTROL AND CONTAINMENT MATS, FLOOR AND WALL PROTECTION.
- C. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS WHERE WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING EXISTING ELECTRICAL OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO A PART OF THE CONTRACT. CONTRACTOR SHALL INSPECT THOSE AREAS AND ASCERTAIN WORK NEEDED AND DO THAT WORK IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AND AT NO ADDITIONAL COST TO THE OWNER.
- D. DO NOT DRILL OR CUT EXISTING FLOOR JOISTS, BEAMS, COLUMNS OR OTHER STRUCTURAL ELEMENTS UNLESS SPECIFICALLY NOTED. MAKE OPENINGS OF PROPER SIZE FOR CONDUITS AND PIPING AND OTHER ITEMS PASSING THROUGH OPENINGS.
- E. REPAIR, PATCH AND FINISH, OR REFINISH AS APPLICABLE, TO MATCH ADJACENT EXISTING FINISHES DAMAGED OR NEWLY EXPOSED DURING THE PERFORMANCE OF THE WORK OF THIS CONTRACT.
- F. WHERE CUTTING OF EXISTING SURFACES OR REMOVAL OF EXISTING FINISHES IS REQUIRED TO PERFORM THE WORK UNDER THIS CONTRACT, AND A NEW FINISH IS NOT INDICATED, FILL RESULTING OPENINGS AND PATCH THE SURFACE AFTER DOING THE WORK, AND FINISH TO MATCH ADJACENT EXISTING SURFACES.
- G. WHERE A NEW CEILING IS NOT SCHEDULED, INSTALL CONDUITS AND PIPING IN EVERY CASE ABOVE THE CEILING. REMOVE EXISTING CEILING AS NECESSARY. AFTER INSTALLATION OF CONCEALED WORK, REINSTALL REMOVED CEILING AND PATCH AND REFINISH TO MATCH ADJACENT UNREMOVED CEILINGS.
- H. G.C. TO CLOSE OR PROVIDE TEMPORARY CLOSING AT ALL OPEN SECTION OF CEILING AT THE END OF EACH SHIFT OF WORK. CEILING WORKS REQUIRED OPENING SHOULD BE DONE IN SEQUENCES EXECUTABLE DURING ONE SHIFT. IF CEILING IS REMOVED LONGER THEN ONE SHIFT, THE SPRINKLER SYSTEM IS CONSIDERED NON OPERATIONAL. THEREORE THE 1H FIRE RATED CONSTRUCTION BARRIER OR TEMPORARY UPRIGHT SPINKLER NEED TO BE PROVIDED.
- I. WORK SHOWN IS NEW UNLESS SPECIFICALLY NOTED OR OTHERWISE INDICATED AS EXISTING.
- J. WHERE "MATCH EXISTING" IS INDICATED, NEW CONSTRUCTION OR FINISHES, AS APPROPRIATE TO THE NOTE, SHALL MATCH THE EXISTING IN THE PARTICULAR.
- K. DEFINITIONS
 - M1. REMOVE: REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED, OR EXISTING.
 - M2. SALVAGE: ITEMS INDICATED TO BE SALVAGED SHALL REMAIN THE OWNER'S PROPERTY. REMOVE, CLEAN AND PACK OR CRATE ITEMS TO PROTECT AGAINST DAMAGE. IDENTIFY CONTENTS OF CONTAINERS AND DELIVER TO OWNER'S DESIGNATED STORAGE AREA.
 - M3. REINSTALL: REMOVE ITEMS INDICATED. CLEAN SERVICE AND OTHERWISE PREPARE THEM FOR REUSE. STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN THE SAME LOCATIONS OR IN LOCATIONS INDICATED.
 - M4. EXISTING: ORIGINAL ITEM TO REMAIN. PROTECT CONSTRUCTION INDICATED AS EXISTING AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION.
 - M5. RESTORE: ITEMS INDICATED SHALL BE BROUGHT BACK TO THEIR ORIGINAL CONDITION. ORIGINAL CONDITION IS THE CONDITION THAT THE REFERENCED ITEM WAS IN WHEN THE BUILDING WAS FIRST CONSTRUCTED.
 - M6. REPLACE: EXISTING ITEM TO BE REMOVED. PROVIDE NEW ITEM TO MATCH EXISTING.
- L. CONTRACTOR TO ABIDE BY ALL THE ICRA INFECTION CONTROL REGULATIONS.
- M. CONTRACTOR SHALL KEEP THE SITE CLEAN AT ALL TIMES AND COORDINATE TRASH REMOVAL WITH THE VA.
- N. TEMPORARY CONTINUOUS CONSTRUCTION BARRIER WILL BE PLASTIC AND MUST BE IN PLACE PRIOR TO ANY DEMOLITION. G.C. TO DETERMINE LOCATION FOR TEMPORARY CONSTRUCTION BARRIER DOOR ACCESS. CONSTRUCTION BARRIER DOOR(S) MUST BE SELF-CLOSING. PROVIDE STICKY MATS ON ALL ACCESS DOORS INTO CONSTRUCTION AREA. ANTE-ROOM REQUIRED AT CONSTRUCTION ENTRY. PROVIDE NANOMETER PRESSURE MONITORS FOR ALL CONSTRUCTION BARRIERS.
- O. PROVIDE NEGATIVE PRESSURE AIR HEPA UNITS AND EXHAUST TO EXTERIOR OF THE BUILDING.
- P. CONTRACTOR TO REVIEW & FOLLOW ALL ABATEMENT REQUIREMENTS PRIOR TO THE START OF GENERAL DEMOLITION.
- Q. GC TO NOTIFY VA TWO(2) WEEKS IN ADVANCE AND COORDINATE WITH VA WHEN MAJOR SHUTDOWNS ARE TO OCCUR. SHUTDOWNS WILL NEED TO OCCUR AFTER REGULAR BUSINESS HOURS, OVERNIGHT AND WEEKENDS AS NEEDED TO MINIMIZE IMPACT TO PATIENTS AND STAFF.



1 THIRD PARTIAL FLOOR DEMO PLAN
1/4" = 1'-0"

KEY PLAN



7/31/2024 2:55:38 PM
Autodesk Docs: 23024 Blood Lab Grossing Station/23024 Blood Lab Grossing Station.rvt
VA FORM 08 - 6231

Revisions:	Date:

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR PARTIAL DEMOLITION PLAN
Approved:

Phase
CONSTRUCTION DRAWINGS

Project Title
23024 3rd Flr. Blood Lab Grossing Station

Location
3900 WOODLAND AVE PHILADELPHIA PA 19104

Issue Date
08/01/2024

Checked
Checker

Drawn
AKH

Project Number
642.22.135

Building Number
2

Drawing Number
AD101

GENERAL RCP NOTES:

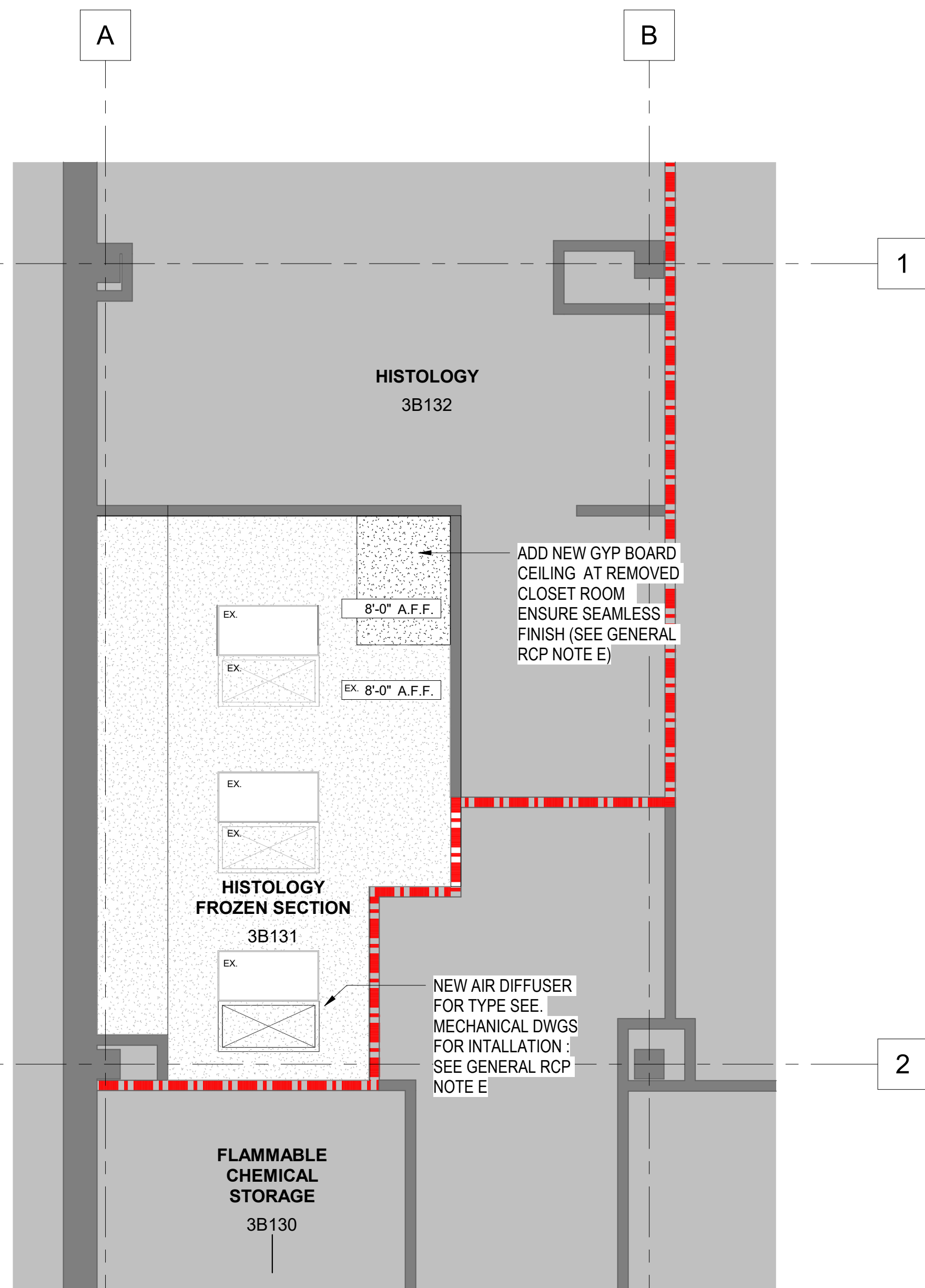
- A. IN ANY UNBRACED AREA OF CEILING WHICH IS LESS THAN 1000 SF, IT IS REQUIRED THAT SPRINKLER HEADS AND OTHER PENETRATIONS BE INSTALLED WITH A 2" OVERSIZED RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FOR ONE INCH OF FREE MOVEMENT IN ALL HORIZONTAL DIRECTIONS.
- B. HEIGHT OF CEILING ABOVE FINISH FLOOR IS TAKEN FROM FLOOR SURFACE DIRECTLY BELOW. CEILING HEIGHT TO MATH EXISTING AFF UNLESS NOTED OTHERWISE.
- C. SPRINKLER HEADS IN GYPSUM BOARD CEILINGS SHALL BE CENTERED AND ALIGN WITH RECESSED LIGHT FIXTURES IF APPLICABLE.
- D. PROVIDE CEILING ACCESS PANELS IN GWB CEILINGS TO PROVIDE ACCESS TO ELECTRICAL, MECHANICAL AND PLUMBING DEVICES THAT REQUIRE SERVICE FOR MAINTENANCE. CONFER WITH A/E PRIOR TO PLACEMENT. G.C. TO CLOSE OR PROVIDE TEMPORARY CLOSING AT ALL OPEN SECTION OF CEILING AT THE END OF EACH SHIFT OF WORK. CEILING WORKS REQUIRED OPENING SHOULD BE DONE IN SEQUENCES EXECUTABLE DURING ONE SHIFT. *IF CEILING IS REMOVED LONGER THEN ONE SHIFT, THE SPRINKLER SYSTEM IS CONSIDERED NON OPERATIONAL. THEREFORE THE 1H FIRE RATED CONSTRUCTION BARRIER OR TEMPORARY UPRIGHT SPINKLER NEED TO BE PROVIDED.

RCP LEGEND:

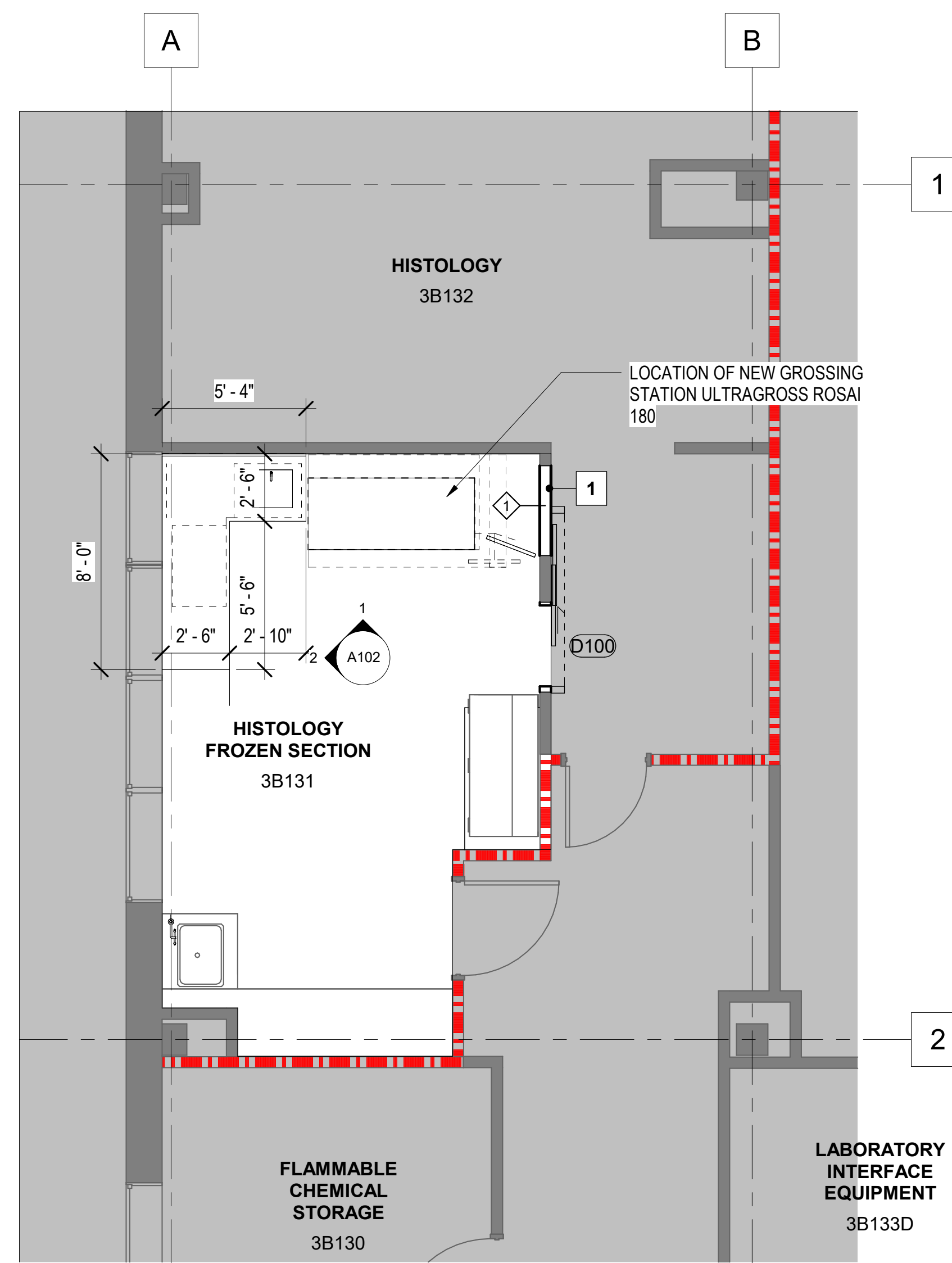
- (E) GYP BD CEILING
- (N) GYP BD CEILING
- (E) EXIT SIGN
- (e) 2' X 4' LIGHT FIXTURE
- HVAC SUPPLY, SEE MECHANICAL DRAWINGS
- RETURN AIR, SEE MECHANICAL DRAWINGS
- EXHAUST GRILLE, SEE MECHANICAL DRAWINGS
- HEIGHT ABOVE FINISHED FLOOR
SEE GENERAL NOTE D
- 1 HOUR RATED FIRE BARRIER

GENERAL FLOOR PLAN NOTES:

- A. DIMENSIONS TO FACE OF STUD UNLESS NOTED OTHERWISE.
- B. ALL PARTITIONS ARE TYPE 1 UNLESS NOTED OTHERWISE.
- C. PLAN DETAIL DIMENSIONS TAKE PRECEDENT IF A CONFLICT ARISES WITH TYPICAL DIMENSION STRINGS. SEE PLAN DETAIL SHEETS A101-A103.
- D. ALL INTERIOR DOORS ARE LOCATED WITH INTERIOR OF JAMB AT HINGE SIDE 6 INCHES FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
- E. DOORS REFERENCED BY A DOOR NUMBER INDICATE A NEW DOOR OR SOME MODIFICATION TO AN EXISTING DOOR. SEE DOOR SCHEDULE. DOORS WITHOUT DOOR NUMBER REFERENCES ARE EXISTING DOORS TO REMAIN, WITH NO WORK OR MODIFICATION REQUIRED.
- F. ALL CORRIDORS TO RECEIVE ABUSE-RESISTANT GYPSUM BOARD TO 4FT HT.
- G. PROVIDE CODE COMPLIANT WOOD BLOCKING OR SHEET METAL PLATES IN HOLLOW WALL SYSTEMS FOR ATTACHMENT OF ANY WALL MOUNTED ACCESSORIES INCLUDING, BUT NOT LIMITED TO, SHELVING, CASEWORK, TOILET ACCESSORIES, TOILET PARTITIONS, LIGHT FIXTURES, BENCHES, COAT RODS, AUDIO VISUAL EQUIPMENT, SECURITY CAMERAS, MARKER BOARDS, MIRRORS, ETC.
- H. WALL ACCESSORIES SUCH AS FIRE EXTINGUISHER CABINETS AND PAPER TOWEL DISPENSERS THAT REQUIRE A SEMI-RECESSED INSTALLATION SHALL NOT REDUCE THE FIRE RATING OF THE WALL. IF A DETAIL IS NOT PROVIDED WITHIN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CONSULT THE ARCHITECT FOR PROPER DETAILS PRIOR TO INSTALLING THE ACCESSORY.
- I. PARTITION TYPES AT INFILL WALLS SHALL MATCH ADJOINING EXISTING WALLS PROVIDING FOR A FLUSH, SMOOTH TRANSITION IN THE FINISHED SURFACE. MATCH BASE IN AREAS WHERE BASE IS OTHERWISE INDICATED TO REMAIN, RUNNING FROM AN INTERIOR CORNER OR OTHER DEFINED EDGE.
- J. PATCH AND REPAIR ALL GYPSUM BOARD SURFACES WHERE DEMOLITION OF ADJOINING OR INTERSECTING PARTITIONS HAS RESULTED IN LESS THAN A FINISHED CONDITION. PATCHES SHALL BE FLUSH AND SMOOTH.
- K. EXISTING ROOMS THAT ARE NOT INDICATED TO BE AFFECTED BY THE WORK ARE TO BE PROTECTED FROM DAMAGE AND/OR PAINT DEGRADATION. SHOULD THE GENERAL CONTRACTOR AFFECT THE CONDITION OR FINISH OF THESE ROOMS, THE SURFACE OR SPACE SHALL BE RESTORED TO ORIGINAL CONDITION.
- L. REFERENCE DRAWING A101 FOR GENERAL DEMOLITION PLANS. WHERE NEW CONSTRUCTION ABUTS EXISTING CONSTRUCTION IN THE SAME PLANE, FINISHES SHALL BE FLUSH. VERIFY ALL DIMENSIONS TO EXISTING ELEMENTS.
- M. THE FINISH FLOOR ELEVATION OF THE NEW ADDITION SHALL MATCH THAT OF THE EXISTING BUILDING.
- N. NOTIFY THE ARCHITECT OF ANY AND ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY THE ARCHITECT WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO PERFORM THE WORK AS INTENDED BY THE CONTRACT DOCUMENTS.
- O. VERIFY EXISTING DIMENSIONS, CONDITIONS AND CLEARANCES PRIOR TO THE SUBMISSION OF SHOP DRAWINGS.



2 PARTIAL THIRD FLOOR RCP
1/4" = 1'-0"



1 THIRD FLOOR PARTIAL PLAN
1/4" = 1'-0"

NEW CONSTRUCTION LEGEND:

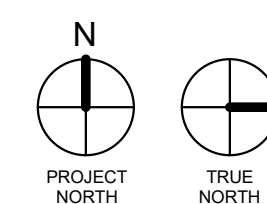
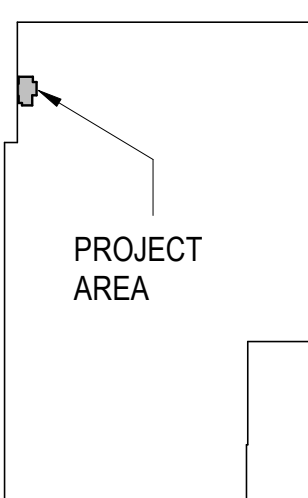
- EXISTING 1 HR FIRE RATED FIRE BARRIER
- EXISTING CONSTRUCTION TO REMAIN
- NEW PARTITION
- WALL TAGS
- NEW DOOR LEAF
- DIMENSIONS CENTERLINE
- FIRE EXTINGUISHER
- NEW CONSTRUCTION NOTE

CONSTRUCTION NOTES

(APPLY TO THIS SHEET ONLY)

- 1 FRAME IN EXISTING OPENING ENSURE SEAMLESS WALL FINISH

KEY PLAN



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Revisions:	Date:

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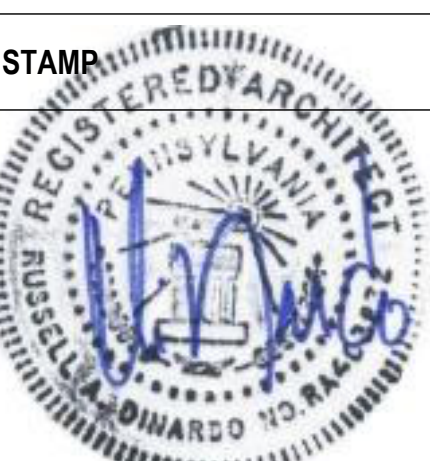
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR PARTIAL PLANS

Approved:

Phase
CONSTRUCTION DRAWINGS

Project Title
23024 3rd Flr. Blood Lab Crossing Station

Location
3900 WOODLAND AVE PHILADELPHIA PA 19104

Issue Date
08/01/2024

Checked
MC

Drawn
AKH

Project Number
642.22.135

Building Number
2

Drawing Number
A101

A

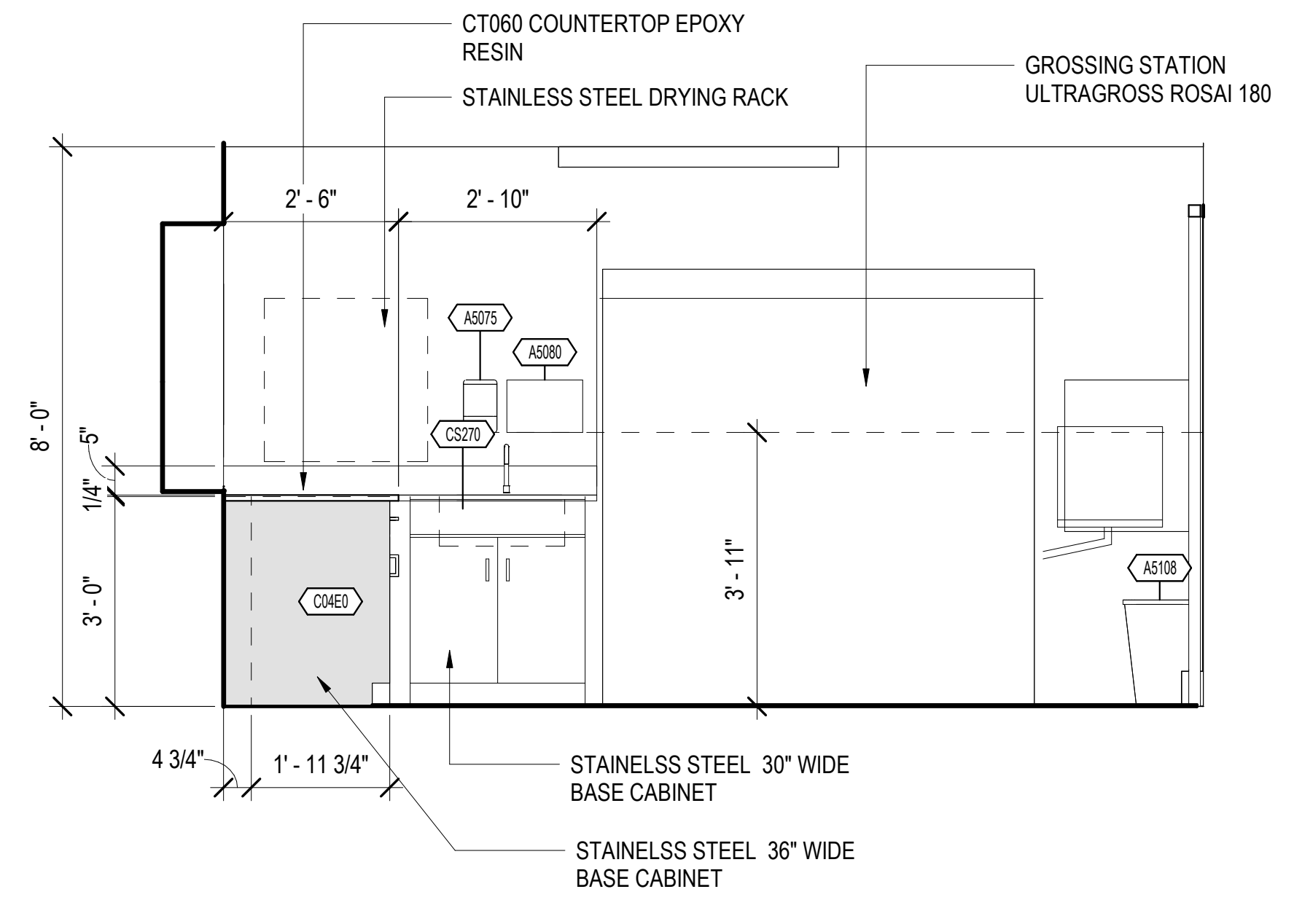
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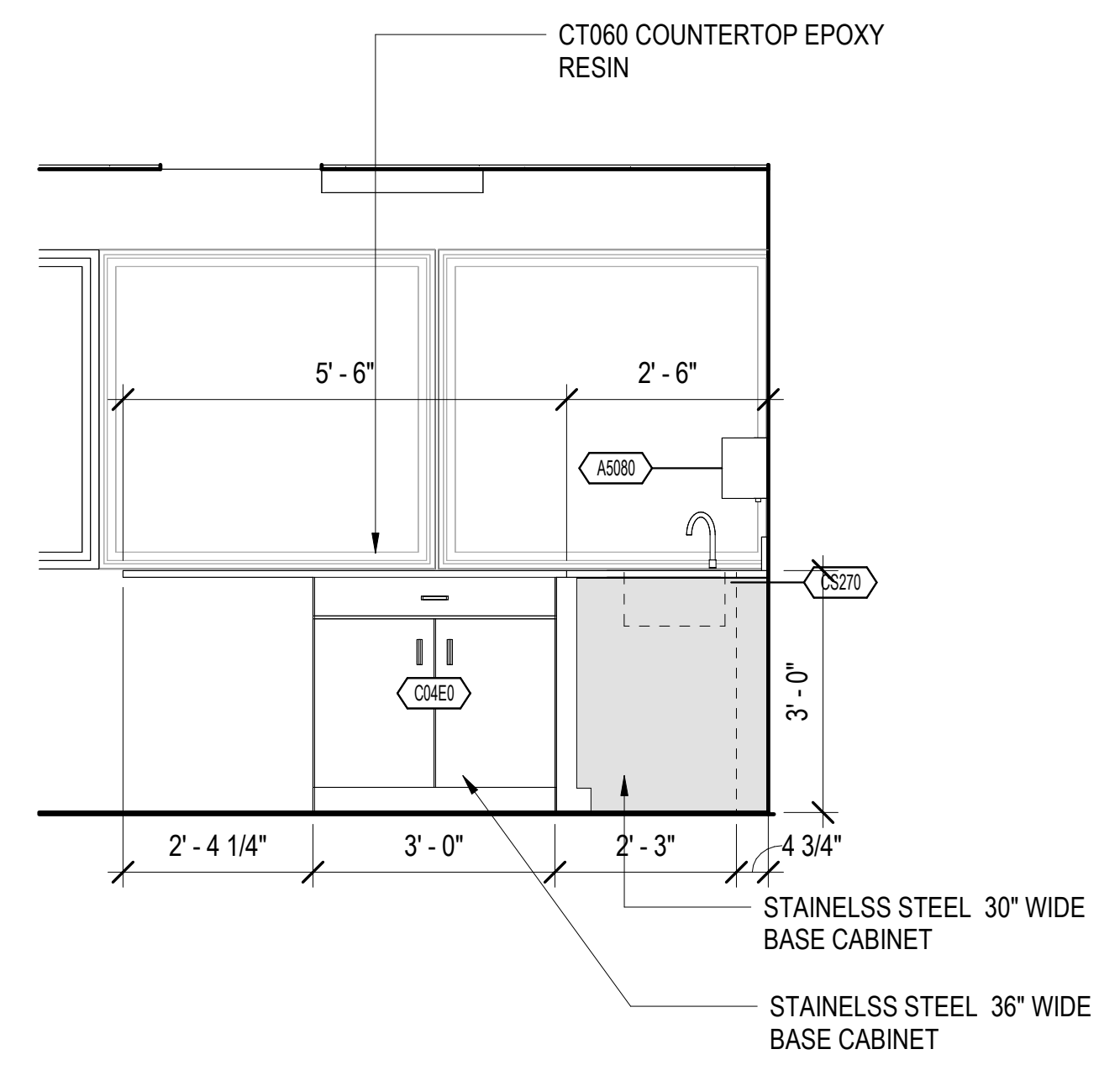
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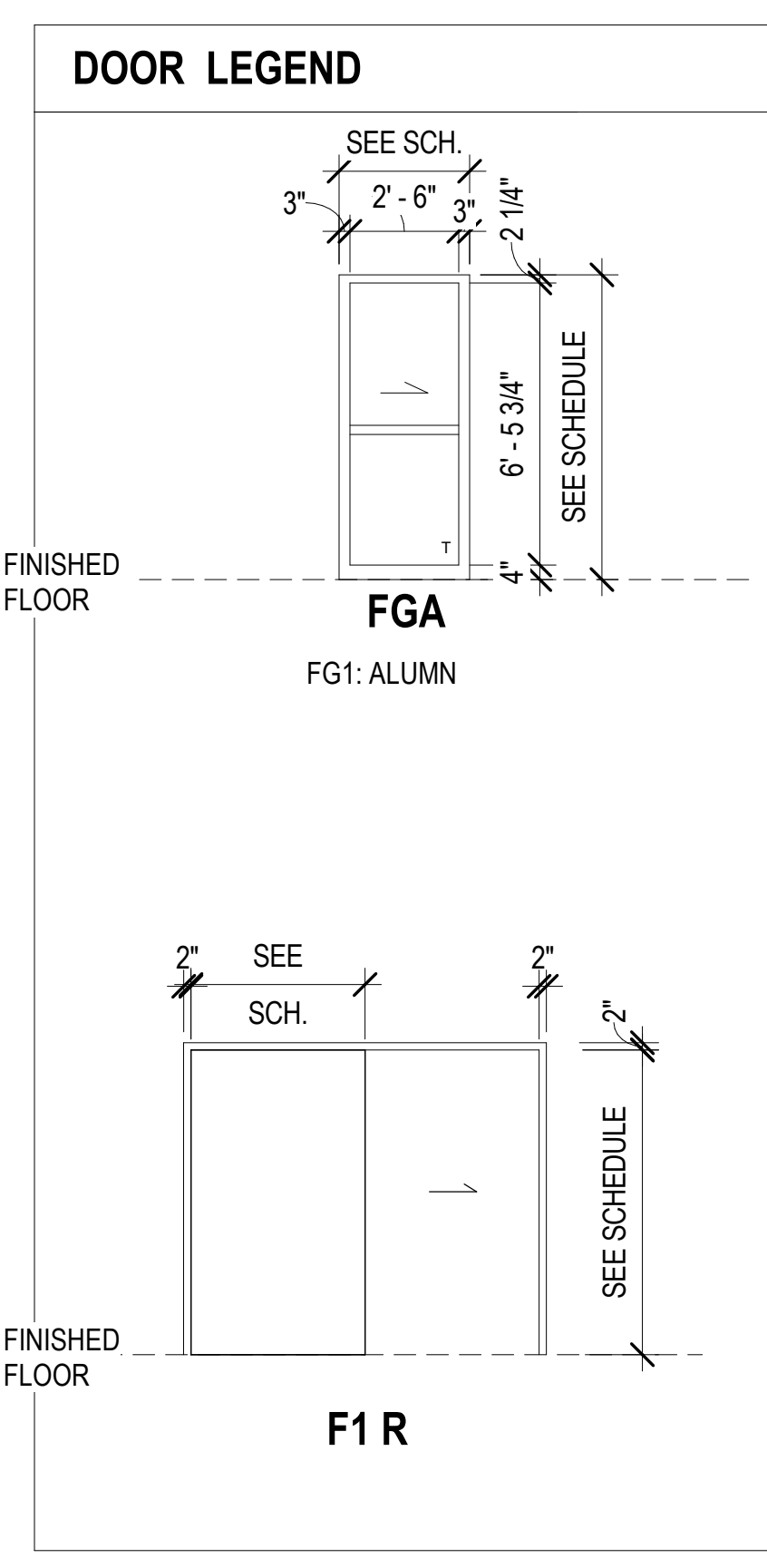
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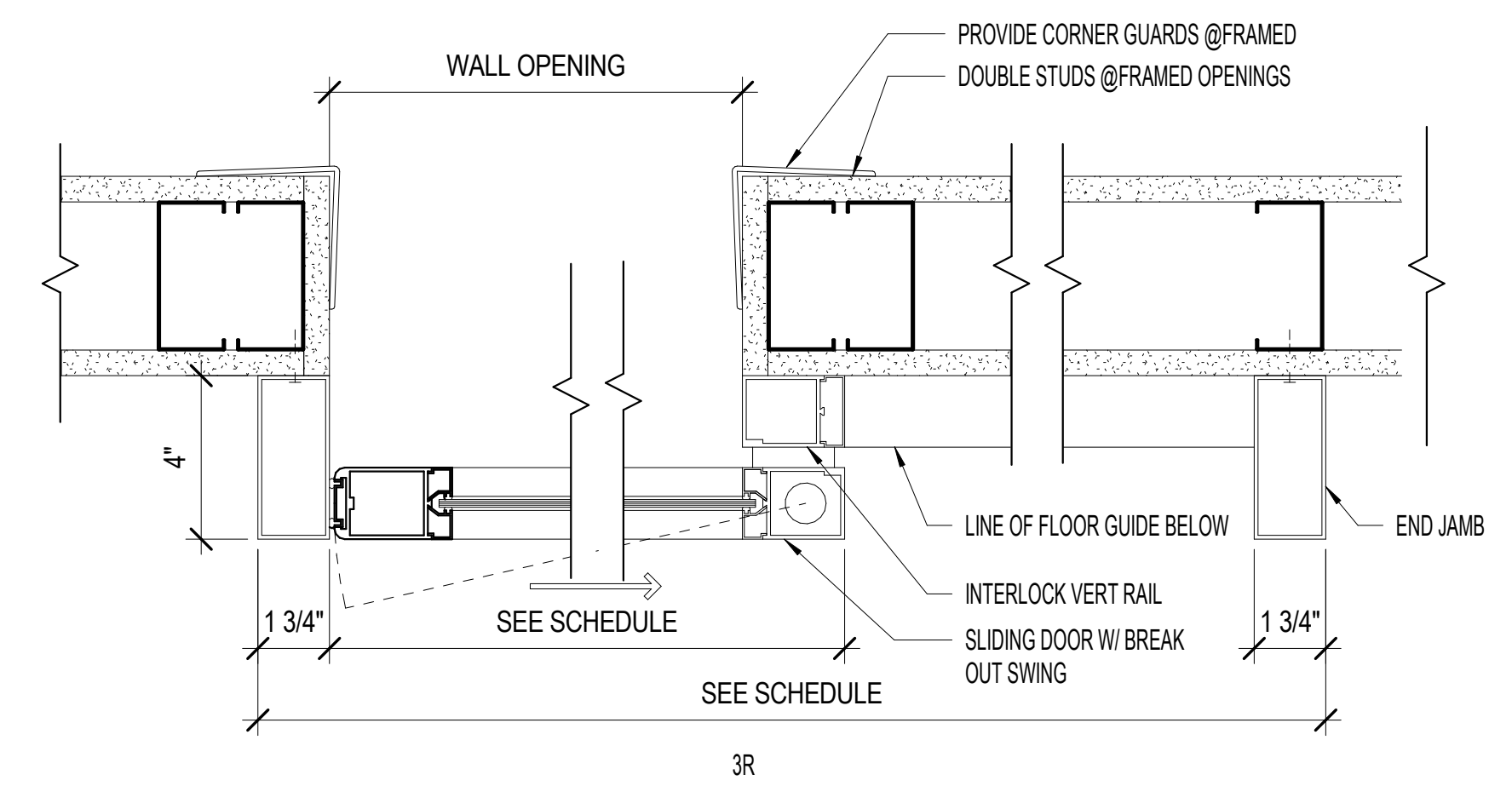
1 Elevation North
1/2" = 1'-0"



2 Elevation West
1/2" = 1'-0"



DOOR SCHEDULE									
NUMBER	LOCATION	WIDTH	HEIGHT	DOOR LEAF		DOOR FRAME		HDW SET	REMARKS
				MATERIAL	DOOR LEAF	STYLE	MATERIAL		
THIRD FLOOR									
D100	HISTOLOGY	3'-0"	7'-0"	ALUMN.	FGA	F1	ALUMN.	MANUF.	NOTE:1, 2, 3, 4



3 JAMB DETAIL SLIDING
3" = 1'-0"

DOOR ABBREVIATION. LEGEND	
HM	HOLLOW METAL
SCW	SOLID CORE WOOD
TEMP	TEMPERED
PR	PAIR
ALUM	ALUMINUM

GLAZING LEGEND	
T	TEMPERED SAFETY GLASS
FR	FIRE RATED GLASS
IR	IMPACT RESISTANT GLASS
NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTIONS OF THE VARIOUS GLAZING TYPES.	

- GENERAL DOOR SCHEDULE NOTES:**
- DOOR HARDWARE SHALL BE INSTALLED BY CONTRACTOR AND BE COMPATIBLE WITH BEST CORE SYSTEM.
 - VERIFY DOOR LEAF HEIGHT & WIDTH REQUIREMENTS W/ SLIDING DOOR TRACK MANUFACTURER.
 - TYPE 010: THE SLIDE-SWING PANEL SHALL BE PROVIDED WITH POSITIVE LATCH THAT WILL LATCH THIS PANEL IN PLACE WHEN CLOSED. A LEVER HANDLE SHALL BE PROVIDED ON EACH SIDE OF THE SLIDING PANEL TO UNLOCK THE DOOR.
 - THE DOOR NEEDS TO BE A SOUND RATED.

BASIS OF DESIGN: HORTON . PROFILER BARN DOOR SERIES
TYPE 010 SINGLE SLIDE SURFACE APPLIED

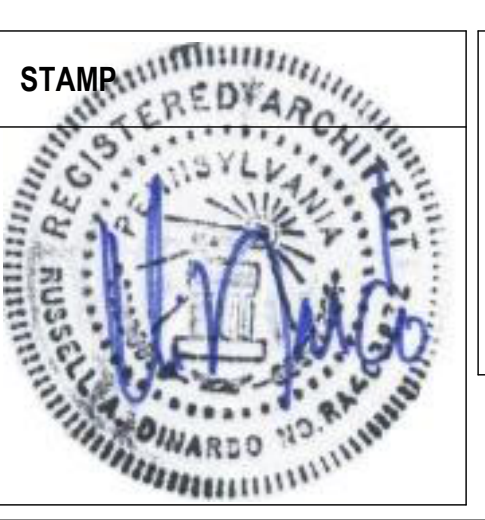
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Revisions:	Date:

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
INTERIOR ELEVATION , DETAILS AND DOOR SCHEUDLE
Approved:

Phase
CONSTRUCTION DRAWINGS

Project Title
23024 3rd Flr. Blood Lab Grossing Station
Location
3900 WOODLAND AVE PHILADELPHIA PA 19104
Issue Date
08/01/2024
Checked
MC
Drawn
AKH

Project Number
642.22.135
Building Number
2
Drawing Number
A102

EQUIPMENT SCHEDULE			
C/C - CONTRACTOR ACQUIRED / CONTRACTOR INSTALLED			
V/V - VA ACQUIRED / VA INSTALLED			
V/C - VA ACQUIRED / CONTRACTOR INSTALLED			
JSN	NAME	ACQ/INS	DESCRIPTION
A5075	SOAP DISPENSER	VC	<varies> DISPOSABLE DISPENSER, ONE-HANDED DISPENSING OPERATION. DESIGNED TO ACCOMMODATE DISPOSABLE SOAP CARTRIDGE AND VALVE.
A5080	PAPER TOWEL DISPENSER	VC	A SURFACE MOUNTED, SATIN FINISH STAINLESS STEEL, SINGLE-FOLD, PAPER TOWEL DISPENSER. DISPENSER FEATURES: TUMBLER LOCK, FRONT HINGED AT BOTTOM, AND REFILL INDICATOR SLOT. MINIMUM CAPACITY 400 SINGLE-FOLD PAPER TOWELS. FOR GENERAL PURPOSE USE THROUGHOUT THE FACILITY.
A5107	DISPENSER SURGICAL/ EXAMINATION, WALL MOUNTED Mini	VC	Examination glove dispenser box for wall mounting. Fabricated of either cold-rolled steel with a white baked enamel finish, plastic or acrylic. Provided with wall bracket to facilitate mounting and demounting.
A5108	SHARPS DISPOSAL	VC	A container for collecting and transporting syringes and other sharps for decontamination and disposal. Available in 2 gallon and 8 gallon with locking cover. Complies with OSHA regulations for handling sharps.
C0460	CABINET, U/C/B, 1 Shelf, 1 DRAWER, 2 DO.	CC	Standing height under counter base cabinet with an adjustable shelf and a full width drawer above solid hinged doors. Also referred to as a combination cabinet or a drawer and cupboard cabinet. For general purpose use throughout the facility.
CS270	SINK EPOXY RESIN	CC	One-piece cast epoxy resin sink (composition of modified epoxy resins and inert materials) connected with a drain and provided with a mixing faucet. For use in U/C/B cabinets and mounted under the epoxy resin countertops/work surfaces found in lab areas requiring optimum physical/chemical resisting properties. For general purpose use in a lab area.
CT060	COUNTERTOP EPOXY RESIN	CC	Modified epoxy resin countertop (composition of modified epoxy resins and inert materials) having a low sheen surface finish, standard thickness of 1" and a 4" built backsplash/corner. Also referred to as a work surface or work top. Available in a choice of colors and depths. Used in lab areas requiring optimum physical and chemical resisting properties.
P1965	EYE WASH STATION	CC	A sink mounted eyewash station. The unit is designed for emergency eye and face rinsing from soft flow dual spray-heads. The flow must be activated by the single momentary action and remain on until terminated.

FINISH SCHEDULE										
RM NO.	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING	CASEWORK	NOTES
3B131	HISTOLOGY FROZEN SECTION	WSF 1	WSF1	SC1	SC1	SC1	SC1	PT1	SS	

FLOOR FINISHES					
KEY	FINISH MATERIAL	MANUF.	ITEM NUMBER/COLOR/FINISH	SIZE	NOTES
WSF 1	WELDED SEAM SHEET FLOORING (HEAT WELDED ROD)	ARMSTRONG FLOORING - MEDIN PURE	ICEBERG H3016		PVC- FREE

BASE & TRIM FINISHES					
KEY	FINISH MATERIAL	MANUF.	ITEM NUMBER/COLOR/FINISH	SIZE	NOTES
WSF-1	INTEGRAL BASE 4 "	ARMSTRONG FLOORING - MEDIN PURE	ICEBERG H3016	4"	

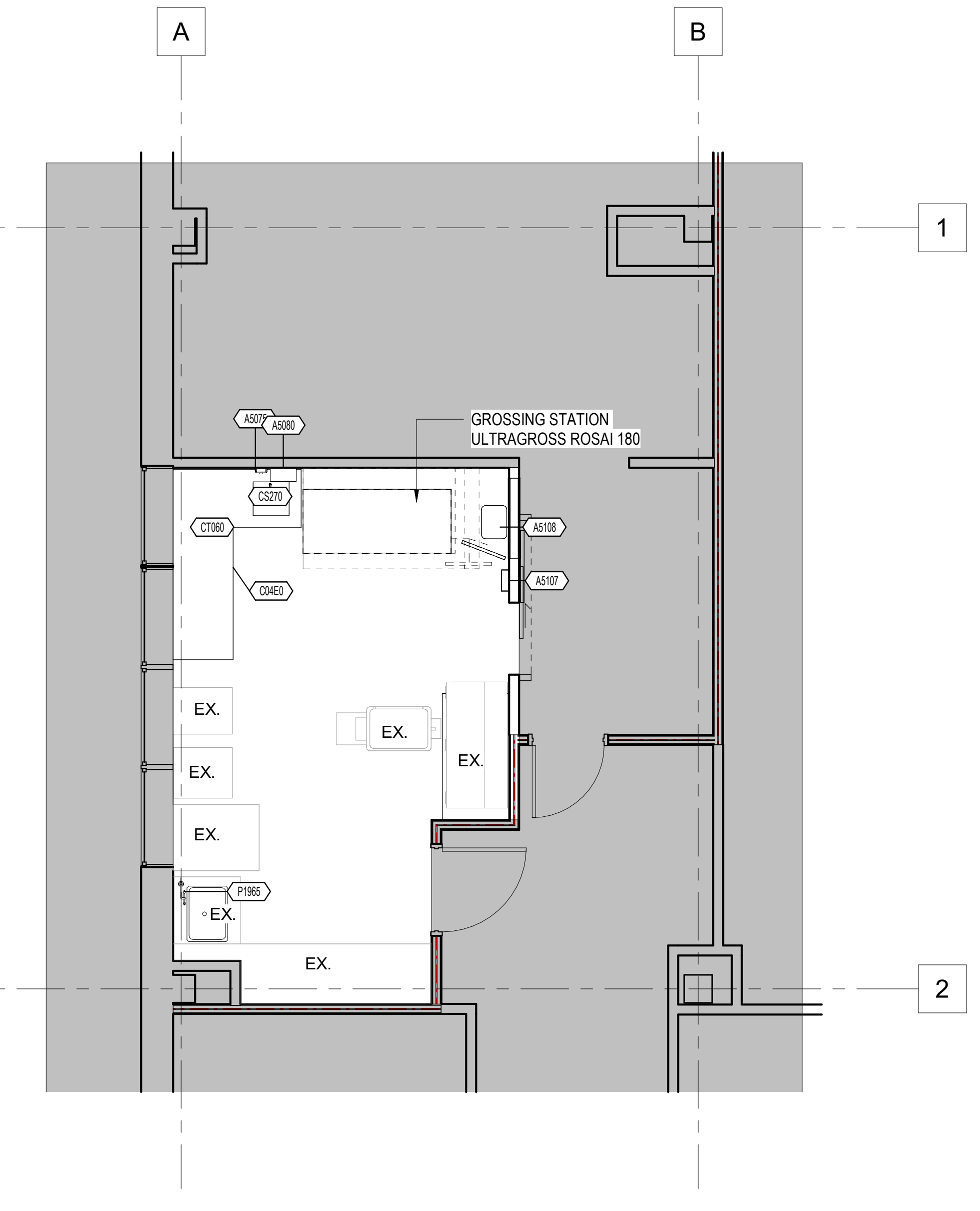
PAINT/WALL FINISHES					
KEY	FINISH MATERIAL	MANUF.	ITEM NUMBER/COLOR/FINISH	SIZE	NOTES
PT 1	PAINT 1 (CEILING)	SHERWIN WILLIAM	EXTRA WHITE SW7006		
SC 1	SPECIAL COATING (WALLS)	STONEHARD	STONEGLAZE / BLUE MIST		

CEILING FINISHES					
KEY	FINISH MATERIAL	MANUF.	ITEM NUMBER/COLOR/FINISH	SIZE	NOTES
GWB 1	GYPSUM WALL BOARD 1				

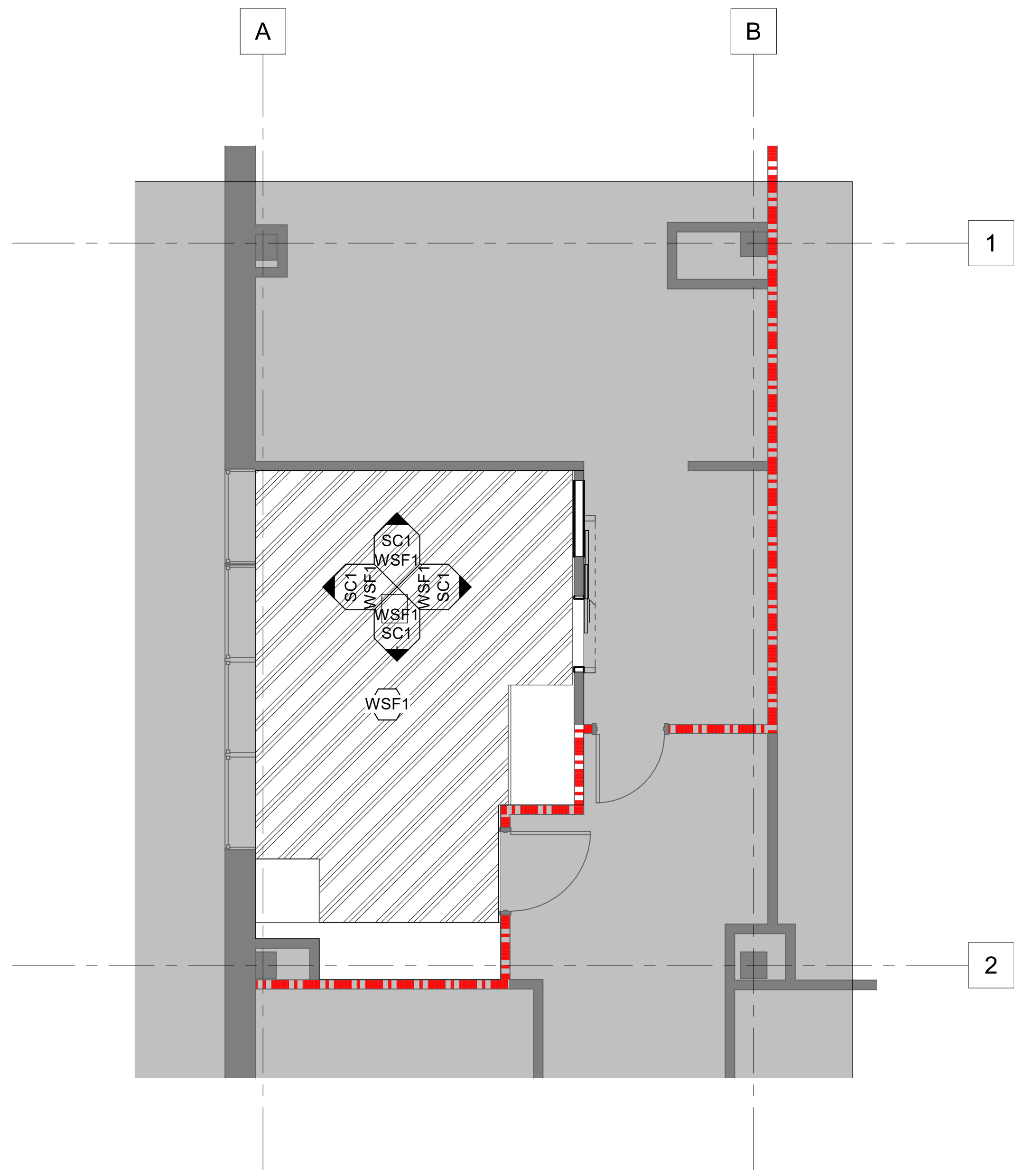
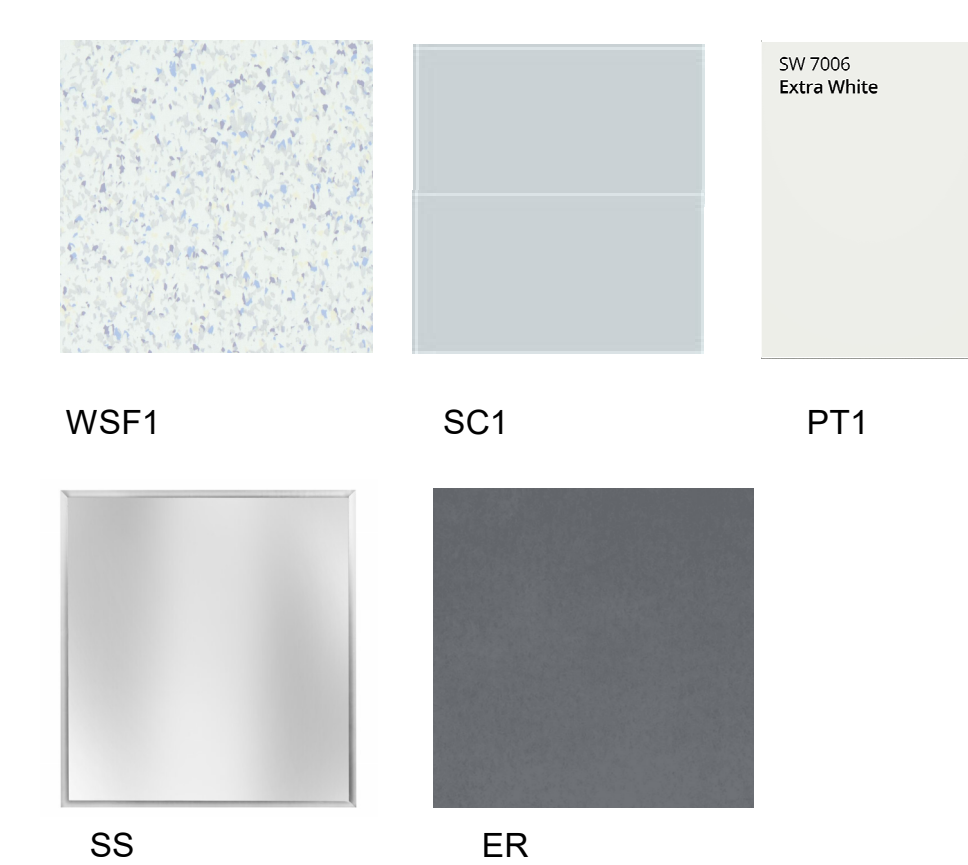
CABINETS & MILLWORK					
KEY	FINISH MATERIAL	MANUF.	ITEM NUMBER/COLOR/FINISH	SIZE	NOTES
ER	EPOXY COUNTERTOP	CHEM TOPS / EPOXY RESIN COUNTERTOP	GRAPHITE		5 INCH BACKSPLASH
SS	STAINLESS STEEL	CHEM TOP / STAINLESS STEEL CABINETS	BRUSH / 304 #3		

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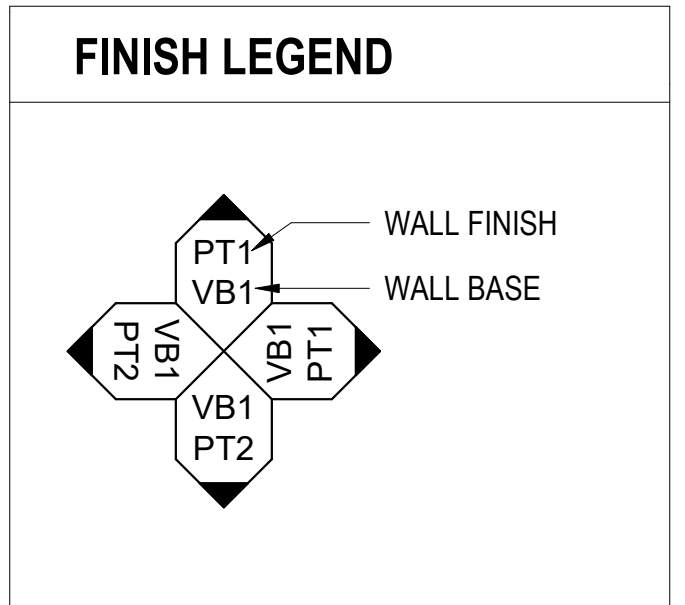
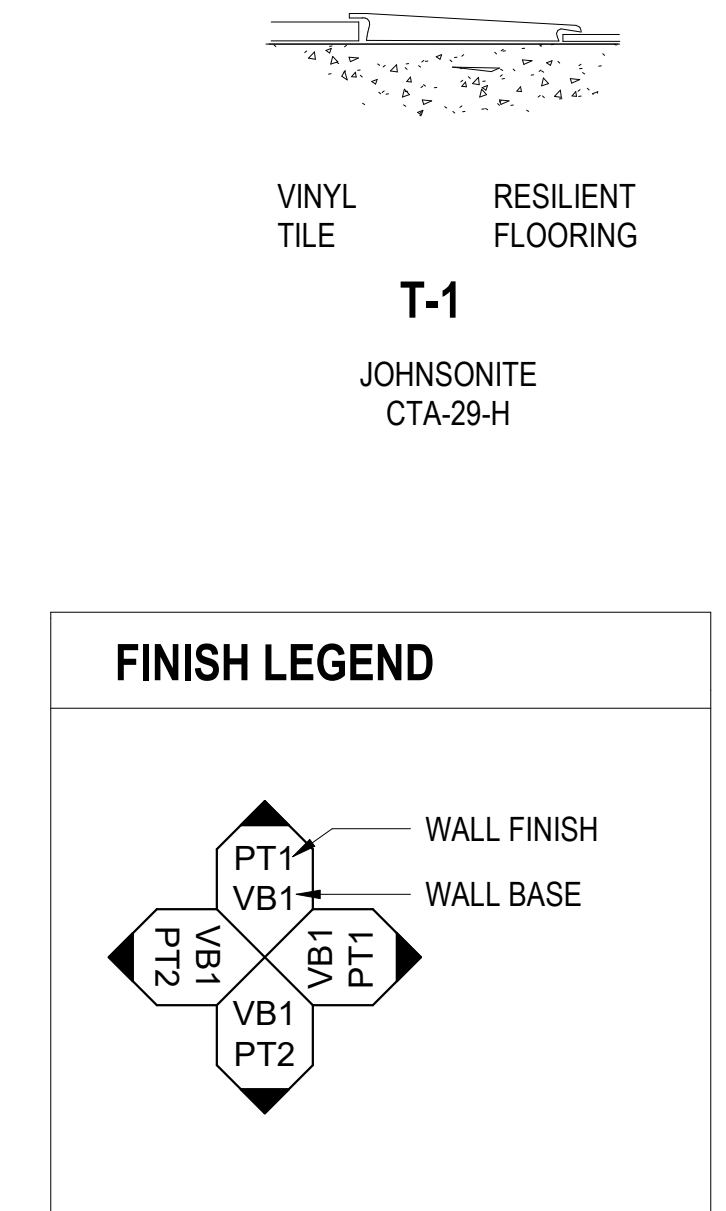
- GENERAL FINISHES NOTES:**
- PRIOR TO INSTALLATION AND FABRICATION, CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND INTERIOR DESIGNER TO REVIEW ALL FLOOR PATTERNS AND FINISHES.
 - PRIOR TO PAINTING, PAINTING CONTRACTOR SHALL SUBMIT TO ARCHITECT/INTERIOR DESIGNER EACH PAINT COLOR FINISH ON AN 8 1/2" X 11" SHEET OF CHIPBOARD FOR PRELIMINARY APPROVAL. FOR FINAL APPROVAL BY ARCHITECT, DESIGNER, AND OWNER PRIOR TO PAINTING, THE PAINTING CONTRACTOR SHALL PAINT EACH COLOR WITH THE DESIGNATED FINISH ON A 4' X 4' PIECE OF GYPSUM BOARD. SAMPLE BOARDS SHALL BE REVIEWED AND APPROVED AT THE JOB SITE WITH APPROPRIATE LIGHTING.
 - PAINT METAL WALL-MOUNTED ACCESS DOORS, GRILLS, RETURN AIR GRILLES, COVER PATES, FAN COIL UNITS, FIRE EQUIPMENT CABINETS, AND ELECTRICAL CABINETS TO MATCH THE ADJACENT SURFACE UNLESS NOTED OTHERWISE.
 - ALL INTERIOR DOORS SHALL BE STAINED TO MATCH DESIGNER'S SAMPLE.
 - ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTER LINE OF CLOSED DOORS.
 - FLOOR PATTERN TO CONTINUE UNDER ALL OPEN WOODWORK WORK SURFACES UNLESS NOTED OTHERWISE.
 - PRIOR TO ORDERING, SUB-CONTRACTORS FOR FLOORING, PAINTING, AND MILLWORK SHALL SUBMIT TO ARCHITECT/DESIGNER AN 8" X 8" SAMPLE OF EACH MATERIAL SPECIFIED FOR FINAL APPROVAL.
 - IF ANY DISCREPANCIES OR OMISSIONS ARE NOTED IN THESE DRAWINGS, CONTACT INTERIOR DESIGNER/ARCHITECT PRIOR TO ORDERING OR COMMENCING WORK.
 - ALL PAINTED G/W WALLS SHALL BE **SPECIAL COATING** FINISH, UNLESS NOTED OTHERWISE.
 - ALL PAINTED G/W CEILINGS SHALL BE **PT-1 FLAT** FINISH, UNLESS NOTED OTHERWISE.
 - IN AREAS INDICATED BY THE FINISH SCHEDULE TO BE PAINTED AND WHERE NO CEILING IS INDICATED, PAINT SHALL EXTEND TO THE BOTTOM OF THE FLOOR OR ROOF STRUCTURE (TYPICAL). REFER TO THE FINISH SCHEDULE FOR PAINTING OF EXPOSED STRUCTURE.
 - ALL NEW COUNTERTOPS SHALL BE **EPOXY RESIN**.
 - ALL NEW LOWER CABINET FACES, SUPPORTS, AND SKIRTS SHALL BE **STAINLESS STEEL**, UNLESS OTHERWISE NOTED.
 - FURNISHINGS SHOWN ARE FOR THE PURPOSE OF ESTABLISHING SPACE REQUIREMENTS AND FOR LOCATING UTILITIES. ALL FURNISHINGS ARE PROVIDED BY OWNER AND ARE NOT IN CONTRACT.
 - ALL ELECTRICAL RECEPTACLE AND SWITCH PLATE COLORS SHALL BE **BRUSHED STAINLESS STEEL**.
 - SEE TRANSITION DETAILS **T1** FOR TRANSITION BETWEEN FLOORING MATERIALS.



2 FIRST FLOOR FURNITURE PLAN
1/4" = 1'-0"



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

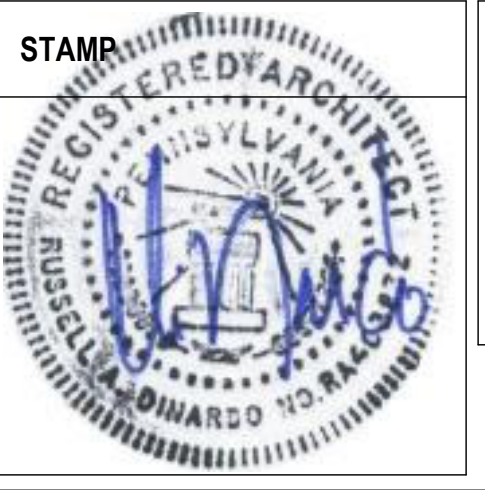


Autodesk Docs: 23024 Blood Lab Grossing Station/23024 Blood Lab Grossing Station.rvt 7/31/2024 2:58:21 PM

Revisions:	Date:

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Office of Construction and Facilities Management
 VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR FINISH & EQUIPMENT, PLANS & SCHEDULES

Phase
CONSTRUCTION DRAWINGS

Project Title
 23024 3rd Flr. Blood Lab Grossing Station

Location
 3900 WOODLAND AVE PHILADELPHIA PA 19104

Issue Date
 08/01/2024

Checked
 MC

Drawn
 AKH

Project Number
 642.22.135

Building Number
 2

Drawing Number
A103

REMOVAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT.
- B. VERIFY ALL GOVERNING DIMENSIONS, PIPE SIZES AND LOCATION OF THE PIPING AND EQUIPMENT TO BE REMOVED.
- C. NOTIFY BUILDING MANAGER AT LEAST 48 HOURS BEFORE DEMOLITION WORK OR BEFORE SHUT DOWN OF EXISTING SERVICES. RISER SHUT DOWNS SHALL BE PERFORMED AT CONTRACTOR'S COST, AT DESIGNATED TIMES UNDER BUILDING MANAGER'S SUPERVISION AND ONLY WITH APPROVAL.
- D. ALL FIXTURES, EQUIPMENT, PIPING, ETC. TO BE REMOVED, SHALL BE DISPOSED OF, RELOCATED, TURNED OVER TO THE TENANT OR SALVAGED AS DIRECTED BY THE ARCHITECT.
- E. UPON COMPLETION OF ALL NEW WORK NO ABANDONED PIPING SHALL REMAIN.
- F. THE EXISTING SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK.
- G. LOCATIONS AND SIZES OF EXISTING PIPING ARE APPROXIMATE. EXACT SIZES AND LOCATIONS OF ALL EXISTING PIPING SHALL BE VERIFIED AT THE SITE.
- H. NO REMOVED EXISTING PIPING FITTINGS, VALVES, FIXTURES, ETC. SHALL BE REUSED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- I. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CEILING HEIGHTS.
- J. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL FROM THE PREMISES OF ALL DEBRIS RESULTING FROM PLUMBING WORK.
- K. ALL METAL RECYCLE WILL BE COLLECTED AND TRANSPORTED BY THE CONTRACTOR TO THE NEAREST RECYCLING CENTER. THE GENERATED PROCEEDS WILL BE ISSUED TO THE SOCIAL SECURITY ADMINISTRATION IN THE FORM OF A CHECK.

GENERAL NOTES

- 1. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID. FAILURE TO COMPLY SHALL NOT HOLD THE OWNER RESPONSIBLE FOR ANY ADDITIONAL COST.
- 2. PROVIDE WORKMANSHIP OF HIGHEST GRADE; INSTALL ALL EQUIPMENT IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS OF THE FACILITY.
- 3. PROVIDE A CONSTRUCTION RECORD SET OF "AS-BUILT" DOCUMENTS TO THE ARCHITECT REFLECTING ANY VARIANCES OF INSTALLED PIPING LOCATIONS OR EQUIPMENT CONTRARY TO THE CONSTRUCTION DOCUMENTS, REFER TO SPECIFICATIONS.
- 4. PROVIDE ONE YEAR GUARANTEE AGAINST DEFECTIVE WORKMANSHIP AND MATERIAL.
- 5. COORDINATE ALL WORK TO MINIMIZE INTERFERENCE WITH OTHER TRADES.
- 6. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CEILING HEIGHTS.
- 7. NO "DEAD ENDS" SHALL BE LEFT ON ANY DRAINAGE PIPING UPON COMPLETION OF WORK.
- 8. PROVIDE ACCESS PANELS FOR ALL VALVES AND CLEANOUTS ON RISE AND CONCEALED ABOVE CEILING.
- 9. PROVIDE TO THE ARCHITECT A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS, REFER TO SPECIFICATIONS.
- 10. INSTALLATION SHALL COMPLY WITH LEGALLY CONSTITUTED CODES AND THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND ALSO MEET ALL REQUIREMENTS OF THE LANDLORD. OBTAIN A COPY OF THE LANDLORD'S REQUIREMENTS AND REVIEW PRIOR TO SUBMITTING BID.
- 11. PLANS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- 12. VERIFY LOCATION AND DEPTH OF UTILITIES AT POINTS OF CONNECTION BEFORE START OF PIPING INSTALLATION.
- 13. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- 14. DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.
- 15. INSTALL CONCEALED PIPING TIGHT TO THE STRUCTURE AND AS HIGH AS POSSIBLE. INSTALL EXPOSED PIPING TIGHT TO THE STRUCTURE, WALL OR CEILING AND AS HIGH AS POSSIBLE. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS.
- 16. VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
- 17. PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED; EXPOSED PIPING, WHERE NECESSARY, SHALL BE ROUTED AS HIGH AS POSSIBLE AND TIGHT TO WALLS.
- 18. INSTALL NO PLASTIC PIPE OF ANY KIND ABOVE SLAB INSIDE OR UNDER THE BUILDING. INSTALL NO PLASTIC PIPE IN THE CEILING RETURN AIR PLENUM.
- 19. COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- 20. COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.
- 21. CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.
- 22. PROVIDE TRAP PRIMERS WHERE REQUIRED BY LOCAL AUTHORITIES.
- 23. COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT INSTALL PIPING OVER ELECTRICAL PANELS.
- 24. PAINT ALL EXPOSED GAS AND WATER PIPING USING RUST INHIBITOR PAINT. PAINT AND COLOR SHALL BE COORDINATED WITH THE ARCHITECT AND / OR OWNER.
- 25. COORDINATE ALL ROOF PENETRATIONS WITH OTHER TRADES. MAINTAIN 10" MINIMUM CLEARANCE FROM ALL AIR INTAKES. MAINTAIN 2" CLEARANCE FROM ALL OTHER EQUIPMENT.
- 26. INSULATE PIPING ROUTED IN EXTERIOR BUILDING WALLS WITH MINIMUM 2" BATT INSULATION TO PREVENT FREEZING.
- 27. PROVIDE 1" INSULATION ON ALL INTERIOR STORM PIPING THAT RUNS HORIZONTALLY.
- 28. WATER HAMMER ARRESTORS SHALL BE SIZE "A" UNLESS NOTED OTHERWISE.

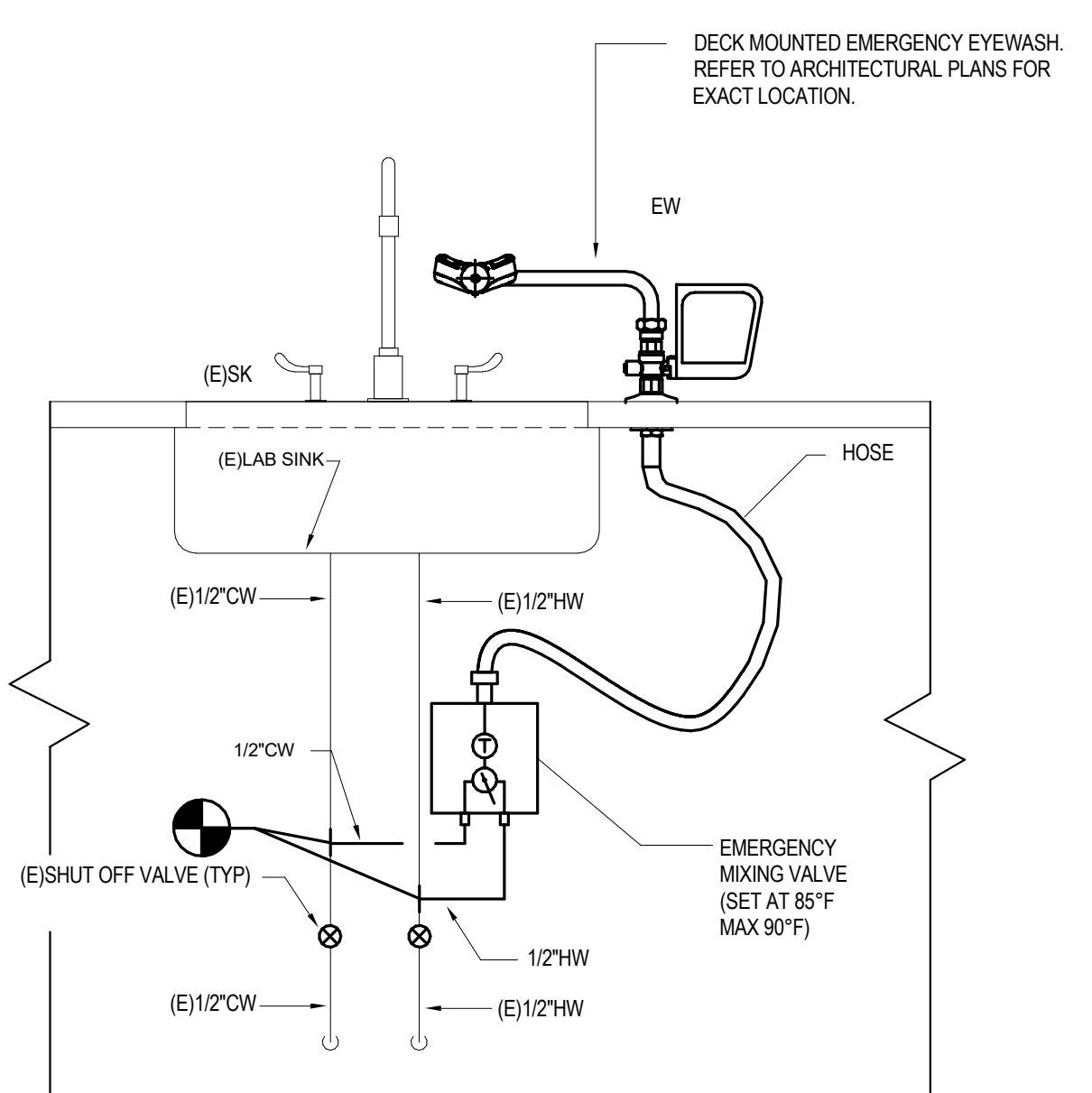
PLUMBING SYMBOL LIST

	SANITARY DRAINAGE PIPING (S)
	SANITARY DRAINAGE PIPING BELOW SLAB OR GROUND (S)
	VENT PIPING (V)
	COLD WATER PIPING (CW)
	HOT WATER PIPING (HW)
	VALVE MANIFOLD
	FLANGED UNION
	PIPE-UP UNLESS OTHERWISE NOTED
	PIPE DROP UNLESS OTHERWISE NOTED
	TOP CONNECTION
	BOTTOM CONNECTION
	VENT THROUGH ROOF
	VALVED CAPPED OUTLET
	CLEANOUT WITH BRUSH FINISH TO MATCH WALL FINISH
	CLEANOUT DECK PLATE (CODP)
	TRAP
	WATER PROOF SLEEVE
	SHUT OFF VALVE
	BALL VALVE
	CONTROL VALVE
	CHECK VALVE
	CHECK VALVE
	TEMPERATURE & PRESSURE RELIEF VALVE
	SHOCK ABSORBER / WATER HAMMER ARRESTOR (SA, WHA)
	CIRCUIT SETTER FLOW CONTROL VALVE (FCV)
	DRAIN W/ TRAP
	CONNECT TO EXISTING
	METER
	FLOOR DRAIN
	BACKFLOW PREVENTER
	EXISTING PIPING AND/OR EQUIPMENT TO BE REMOVED CAP AND/OR PLUG PIPING CONCEALED
	PIPING WITH HEAT TAPE (HT)
	PIPE SLEEVE WITH LINK SEAL
	PIPE SLEEVE

ABBREVIATIONS

BFP	BACKFLOW PREVENTER
BT	BATHTUB
CLG.	CEILING
CODP	CLEAN OUT DECK PLATE
CW	COLD WATER
DW	DISHWASHER
DFU	DRAINAGE FIXTURE UNIT
DN	DOWN
DR	DRAIN
E, (E)	EXISTING
ET	EXPANSION TANK
FD	FLOOR DRAIN
FS	FLOOR SINK
G	NATURAL GAS
HB	HOSE BIBB
HS	HAND SINK
HT	HEAT TAPE
HW	HOT WATER
IE	INVERT ELEVATION
INV	INVERT
IW	INDIRECT WASTE
M	METER
NTS	NOT TO SCALE
LAV	LAVATORY
REF	REFRIGERATOR
SA	SHOCK ABSORBER
SAN	SANITARY
SF	SQUARE FOOT (FEET)
SQ.FT.	SQUARE FOOT (FEET)
SK	SINK
SHR	SHOWER
TMV	THERMOSTATIC MIXING VALVE
T	TOILET
TW	TEMPERED WATER
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
V	VENT
VB	VACUUM BREAKER
VTR	VENT THROUGH ROOF
W	WASTE
WC	WATER CLOSET
WM	WASHING MACHINE
WH	WATER HEATER
NFWH	NON FREEZE WALL HYDRANT
WSFU	WATER SUPPLY FIXTURE UNIT

TAG	PLUMBING FIXTURE	CONNECTION SIZE - INCHES				LOCAL THERMOSTATIC MIXING VALVE	FIXTURE	TRIM
		SOIL / WASTE (S/W)	VENT (V)	COLD WATER	HOT WATER			
SK	LAB SINK	2"	2"	1/2"	1/2"	NO	CHEMTOPS EPOXY SINK MODEL DS2 24"x18", 11" DEEP. PROVIDE WITH 3/8" R SINK OUTLET W/ STRAINER CAP.	TRIM: SPEARS LAB WASTE CHEMICAL RESISTANT CPVC P-TRAP & WASTE SINK OUTLET. ACQUIRE # LPZ185CCLX LEAD FREE BRASS LOOSE KEY COMPRESSION ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS, P-TRAP AND WASTE ARM AND ESCUTCHEON.
EW	EYEWASH	-	-	1/2"	1/2"	YES	T&S BRASS #BL-5704-08WH4 SINGLE HOLE FAUCET WITH WRIST BLADE HANDLES, SERRATED TIP OUTLET AND VACUUM BREAKER.	GUARDIAN #G6020 THERMOSTATIC MIXING VALVE FOR TEPID WATER AS REQUIRED BY ANSI Z358.0-2014 (SET AT 85° - 90°F)



SINK DECK MOUNTED EMERGENCY EYEWASH
NOT TO SCALE

NOTE:
ALL SYMBOLS NOT NECESSARILY SHOWN ON DRAWINGS.

COMPLETE LAYOUT DRAWINGS WILL BE REQUIRED PER SPECIFICATIONS & SUBMITTALS. CONSTRUCTION WORK WILL NOT START ON ANY SYSTEM UNTIL THE LAYOUT DRAWINGS HAVE BEEN APPROVED BY VA.

NOTE:
ALL SYMBOLS NOT NECESSARILY SHOWN ON DRAWINGS.

PLUMBING DRAWING LIST	
Sheet Number	Sheet Name
P-001	PLUMBING NOTES, SYMBOLS AND ABBREVIATIONS
P-101	PLUMBING THIRD FLOOR DEMOLITION & NEW WORK PLANS

Revisions:	Date:

CONSULTANT

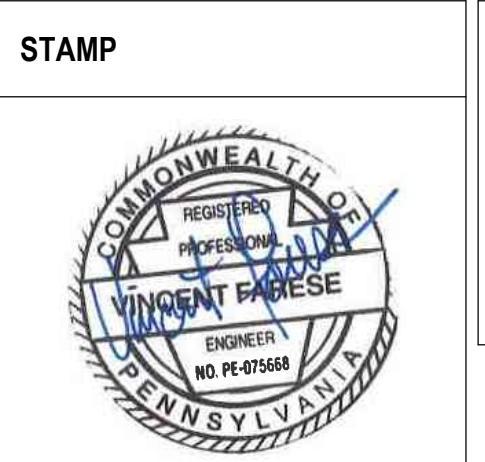
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
PLUMBING NOTES, SYMBOLS AND ABBREVIATIONS

Approved:

Phase
CONSTRUCTION DRAWINGS

Project Title
23024 Blood Lab Grossing Station

Location
3900 WOODLAND AVE PHILADELPHIA PA 19104

Issue Date
08/01/24

Checked
AS

Drawn
AH

Project Number
642.22.135

Building Number
2

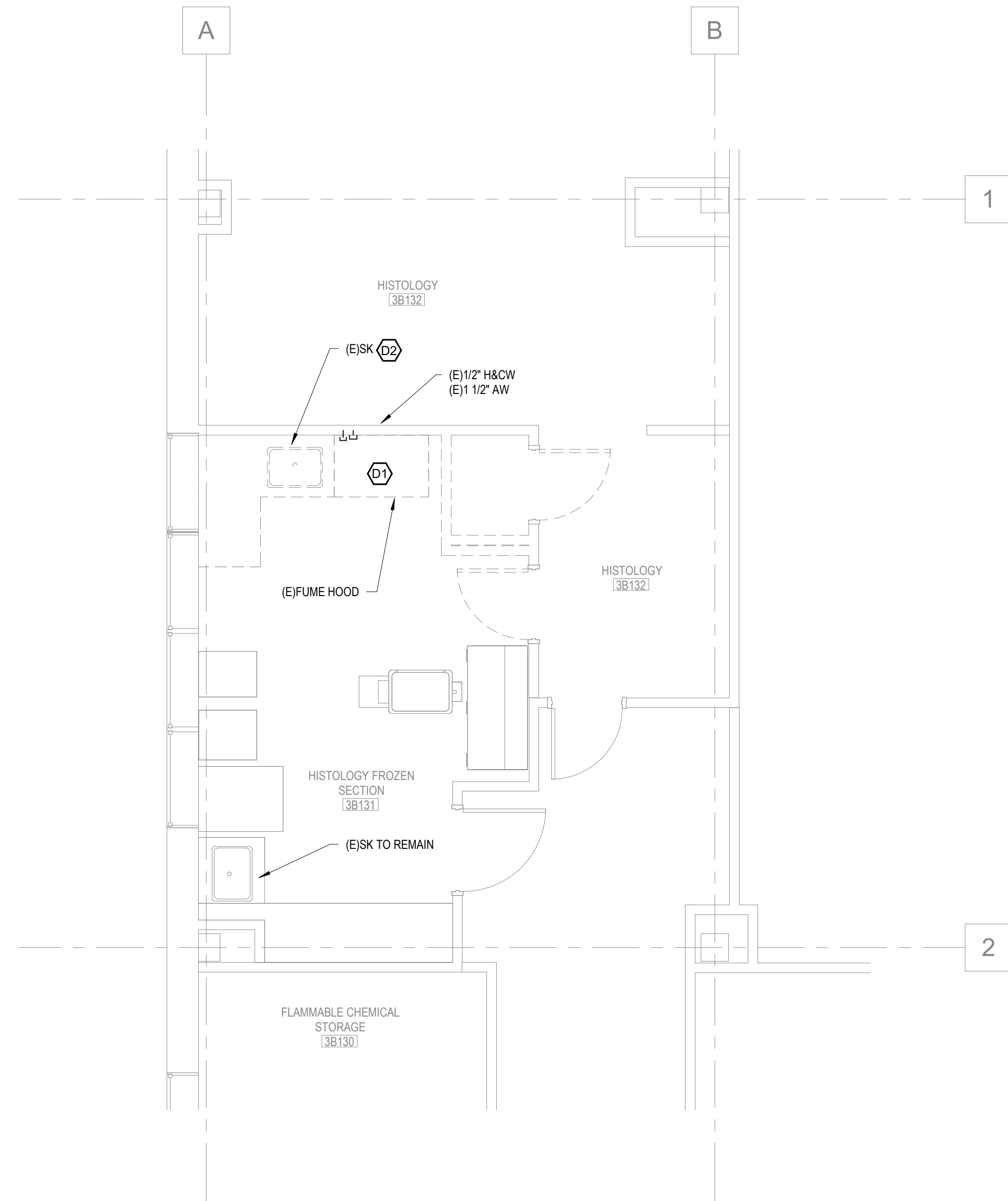
Drawing Number
P-001.00

DEMOLITION KEYED NOTES:

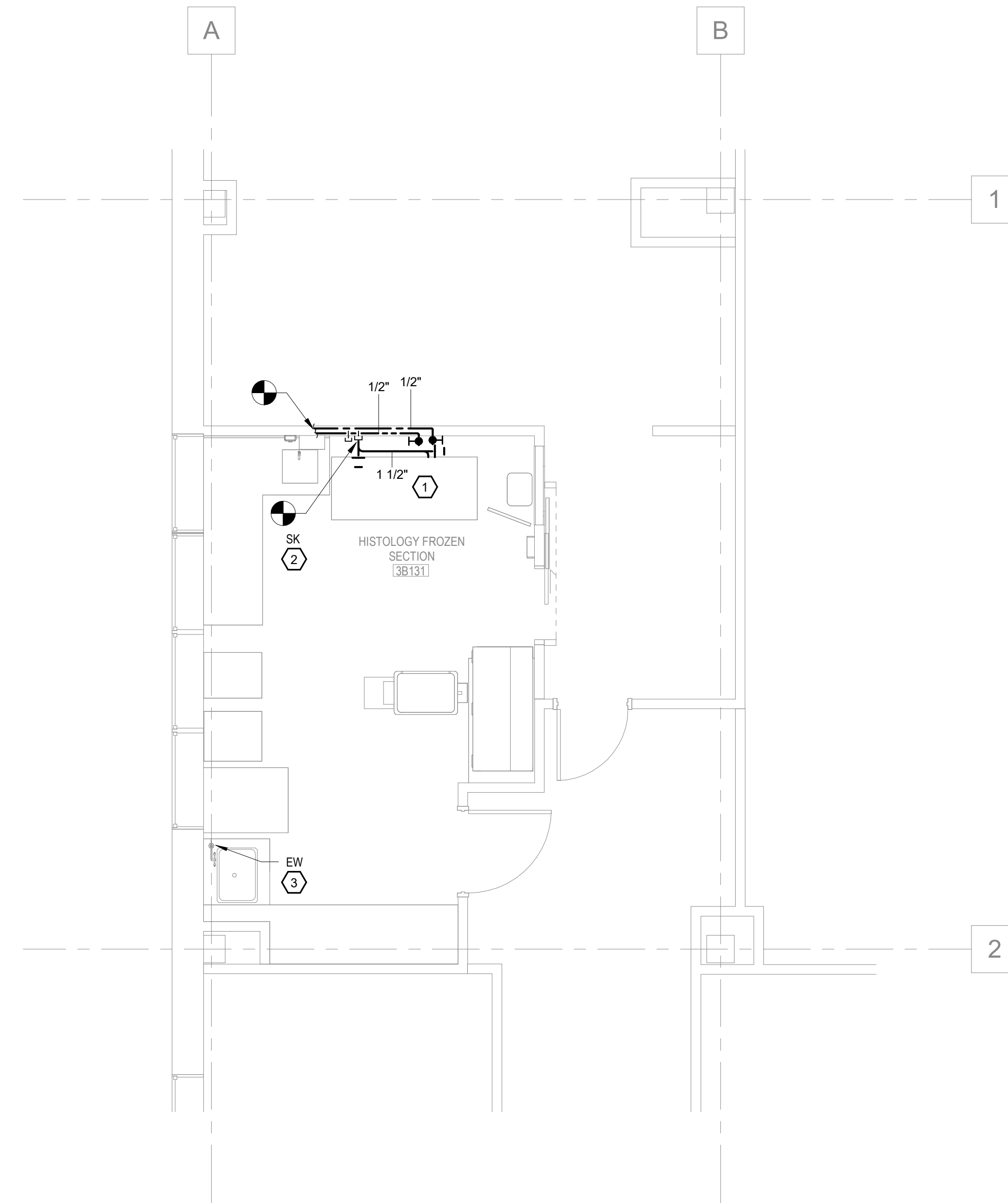
- ⓪1 DISCONNECT ALL PLUMBING SERVICES (ACID WASTE AND COLD WATER FROM EXISTING FUME HOOD AND CAP AT WALL.
- ⓪2 DISCONNECT ALL PLUMBING SERVICES (ACID WASTE, HOT AND COLD WATER FROM EXISTING SINK AND CAP AT WALL. REMOVE EXISTING SINK & FAUCET.

NEW WORK KEYED NOTES:

- ① CONNECT NEW 1/2" HOT & COLD WATER FROM ADJACENT CAPPED CONNECTIONS FROM EXISTING SINK AND EXTEND TO NEW GROSSING STATION. CONNECT NEW 1 1/2" ACID WASTE DRAIN TO EXISTING ACID WASTE SYSTEM AS REQUIRED FOR NEW GROSSING STATION. PROVIDE ALL VALVES AND FITTINGS FOR A COMPLETE INSTALLATION.
- ② CONNECT NEW SINK TO EXISTING WASTE AND HOT & COLD WATER CAPPED AT WALL. EXTEND PLUMBING SERVICES AS REQUIRED AND PROVIDE FITTINGS AND VALVES FOR A COMPLETE INSTALLATION.
- ③ NEW EYEWASH (EW) RUN 1/2" HOT & COLD WATER FROM EXISTING SINK TO NEW EYEWASH WITH MIXING VALVE. SEE DETAIL ON DRAWING P-001.



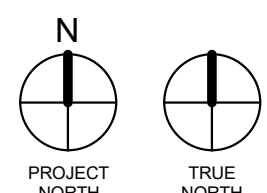
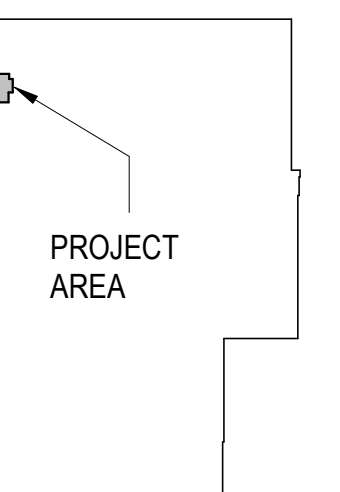
① PLUMBING - THIRD FLOOR - DEMOLITION PLAN
1/4" = 1'-0"



② PLUMBING - THIRD FLOOR - NEW WORK PLAN
1/4" = 1'-0"



KEY PLAN

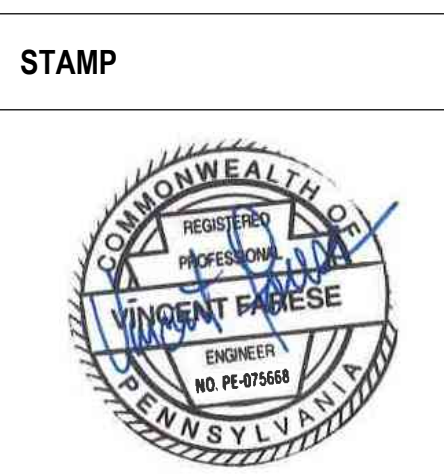


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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
PLUMBING THIRD FLOOR DEMOLITION & NEW WORK PLANS
Approved:

Phase
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Project Title
23024 Blood Lab Grossing Station
Location
3900 WOODLAND AVE PHILADELPHIA PA 19104
Issue Date
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AS
Drawn
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Project Number
642.22.135
Building Number
2
Drawing Number
P-101.00

MECHANICAL SYMBOL LIST

	TEMPERATURE SENSOR ELECTRIC		LOWWORKS THERMOSTAT
	COMBINATION TEMPERATURE SENSOR/HUMIDISTAT		THERMOSTAT (SPACE) ELECTRIC
	THERMOSTAT (DUCT)		HUMIDISTAT
	DIFFERENTIAL PRESSURE SENSOR		SWITCH
	BREAK GLASS STATION		FIRESTAT
			FREEZESTAT
	NATURAL GAS DETECTOR		CARBON MONOXIDE DETECTOR
	CARBON DIOXIDE SENSOR		'S' INDICATES STAND ALONE TYPE
	THERMOMETER		DIRECT DIGITAL CONTROL PANEL
	SUPPLY AIR OUTLET, 4 WAY		HVAC FLOOR PLAN KEY NOTES
	RETURN AIR REGISTER		DUCT SECTION UNDER POSITIVE PRESSURE
	SUPPLY AIR OUTLET - 3, 2 & 1 WAY THROW		DUCT SECTION UNDER NEGATIVE PRESSURE
	DUCTWORK GOING UP		SOUND LINING IN DUCT
	DUCTWORK GOING DOWN		KITCHEN EXHAUST DUCT WITH LATH & CALCIUM SILICATE INSULATION AND 2 HOUR RATED ENCLOSURE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
	FIRE SMOKE DAMPER WITH DUCT ACCESS DOOR. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE ACCESS DOORS IN INACCESSIBLE LOCATIONS 3HR - 3 HOUR RATED FSD		SMOKE DAMPER WITH DUCT ACCESS DOOR. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE ACCESS DOORS IN INACCESSIBLE LOCATIONS
	DUCT SIZE - FIRST SIZE INDICATES PLAN SIZE		DUCT THROUGH BEAM PENETRATION. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
	DUCT SMOKE DETECTOR HEAD IN DUCT		ACCESS DOOR IN DUCT
	VOLUME DAMPER		DUCT FLEXIBLE CONNECTION
	SLOPING RISE IN DUCTWORK		SPIN-IN FITTING WITH VOLUME DAMPER
	FUSIBLE LINK FIRE DAMPER WITH ACCESS DOOR. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE ACCESS DOORS IN INACCESSIBLE LOCATIONS		SLOPING DROP IN DUCTWORK
	MOTORIZED DAMPER		RETURN OPENING ABOVE H.C. (1 SQ. FT. UNLESS OTHERWISE NOTED)
	LOUVER DOOR		FAN COIL UNIT
	UNDERCUT DOOR		FAN COIL UNIT WITH SOUND TRAP
	CHILLED BEAM - 2x4" *X* DENOTES LENGTH		
	CHILLED BEAM - 2x2 4-WAY		

MECHANICAL ABBREVIATIONS

AD	ACCESS DOOR	LD	LINEAR DIFFUSER
AFF	ABOVE FINISHED FLOOR	LPS	LOW PRESSURE STEAM
AL	ACOUSTICAL LINING	LPR	LOW PRESSURE STEAM CONDENSATE RETURN
AHU	AIR HANDLING UNIT	MBH	THOUSAND BTU'S PER HOUR
BG	BOTTOM GRILLE	NK	NECK (AS RELATED TO DUCT & DIFFUSER)
BN	BOTTOM NECK	NIC	NOT IN THIS CONTRACT
CAV	CONSTANT AIR VOLUME	NTS	NOT TO SCALE
CB	CHILLED BEAM	NC	NORMALLY CLOSED
CC	COOLING COIL	NO	NORMALLY OPEN
CD	CEILING DIFFUSER	OAD	OUTSIDE AIR DAMPER
CG	CEILING GRILLE	OAI	OUTSIDE AIR INTAKE
CHW	CHILLED WATER	OED	OPEN END DUCT WITH WMS
COD	CLEAN OUT DOOR	RA	RETURN AIR
CR	CEILING REGISTER	RHC	REHEAT COIL
CFM	CUBIC FEET OF AIR PER MINUTE	RTU	ROOFTOP UNIT
CUH	CABINET UNIT HEATER	SD	SMOKE DAMPER AND ACCESS DOOR
DSD	DUCT MOUNTED SMOKE DETECTOR	SPD	FIRE SMOKE DAMPER USED FOR SMOKE PURGE
EDH	ELECTRIC DUCT HEATER	SMUA	MAKE UP AIR FOR SMOKE PURGE SYSTEM
EUH	ELECTRIC UNIT HEATER	SPX	SMOKE PURGE EXHAUST AIR
EA	EXHAUST AIR		
EL	ELEVATION	ST	SOUND ATTENUATOR
FD	FIRE DAMPER AND ACCESS DOOR	SX	SMOKE EXHAUST
FSD	FIRE SMOKE DAMPER AND ACCESS DOOR	SWEH	SIDE WALL ELECTRIC HEATER
FC	FLEXIBLE CONNECTION	TX	TOILET EXHAUST
FOD	FLAT OVAL DUCT	TW	THERMOMETER WELL
FOS&R	FUEL OIL SUPPLY AND RETURN	TD	TRANSFER DUCT
GPM	GALLONS PER MINUTE	TO	TRANSFER OPENING
GW	GLYCOL WATER	TG	TOP GRILLE
GX	GENERAL EXHAUST	TR	TOP REGISTER
HC	HEATING COIL	TRG	TRANSFER GRILLE
HV	HEATING AND VENTILATING UNIT	TRR	TRANSFER REGISTER
HWR	HOT WATER RETURN	TN	TOP NECK
HWS	HOT WATER SUPPLY	UH	UNIT HEATER
KE	KILN EXHAUST	VAV	VARIABLE AIR VOLUME
KX	KITCHEN EXHAUST	WMS	WIRE MESH SCREEN
LE	LAB EXHAUST		

MECHANICAL PIPING SYMBOL LIST

	THERMOMETER		PUMP
	HOT WATER SUPPLY OR RETURN RISER		CHILLED WATER SUPPLY AND RETURN.
	RISER NUMBER		*G* DENOTES PROPYLENE GLYCOL.
	STRAINER Y TYPE WITH BLOWDOWN VALVE		*G* DENOTES PROPYLENE GLYCOL.
	PIPE UP		COMBINATION BALANCING & SHUT-OFF VALVE
	PIPE DOWN		SHUT-OFF VALVE
	THROTTLING VALVE		SHUT-OFF VALVE WITH CAPPED DRAIN FITTING
	CHECK VALVE		AUTOMATIC TWO-WAY CONTROL VALVE
	ELECTRIC CONTROL VALVE		AUTOMATIC THREE-WAY CONTROL VALVE
	CONTROL VALVE STATION		UNION
	PIPE EXPANSION JOINT		ECCENTRIC REDUCER
	AIR LINE		RELIEF VALVE
	VENT LINE		PLUG FOR PRESSURE GAUGE & THERMOMETER CONNECTION
	TRIPLE DUTY VALVE		THERMOMETER
	SUCTION DIFFUSER		MANUAL AIR VENT
	PRESSURE GAUGE		AUTOMATIC AIR VENT
	PRESSURE RELIEF VALVE		DIRT POCKET
	COLD WATER MAKE UP LINE		ARROW INDICATES DIRECTION OF FLOW
	ARROW INDICATES DIRECTION OF FLOW		PUMPED CONDENSATE DRAIN
	DIFFERENTIAL PRESSURE TRANSMITTER		DRAIN LINE
	CHILLED BEAM CONTROL VALVE TRAIN		

NOTE: ALL SYMBOLS AND ABBREVIATIONS MAY NOT HAVE BEEN USED FOR THIS PROJECT.

MECHANICAL DRAWING LIST

Sheet Number	Sheet Name
M-001	MECHANICAL SYMBOLS, NOTES, AND ABBREVIATIONS
M-101	MECHANICAL THIRD FLOOR DEMOLITION & NEW WORK PLANS

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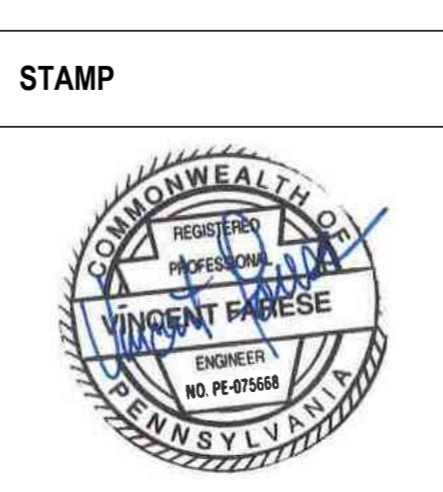
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A

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GENERAL NOTES:

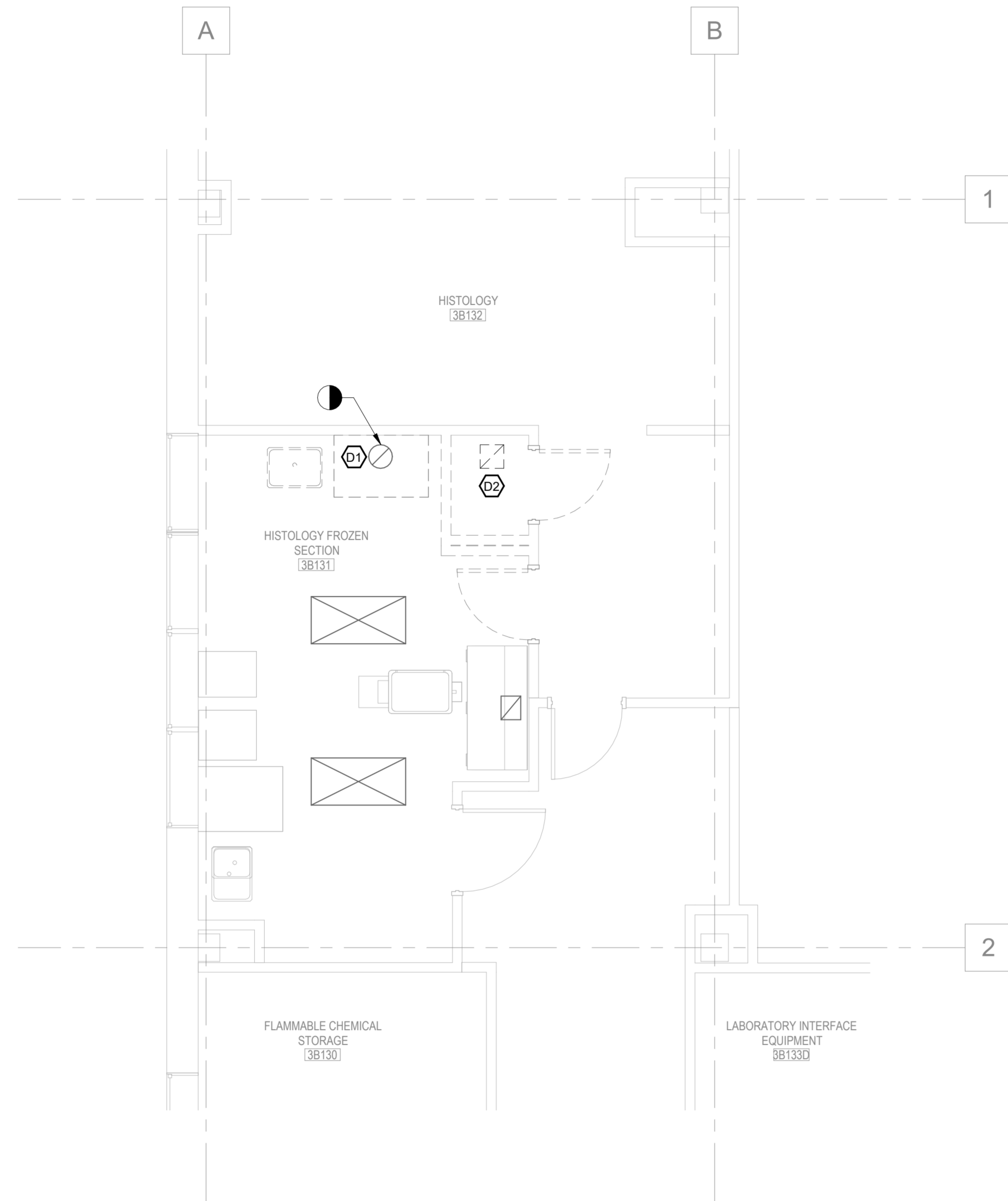
- EXISTING CONDITIONS SHOWN FOR REFERENCE ONLY BASED UPON INFORMATION FROM FACILITY RECORD DOCUMENTS AND ACCESSIBILITY AT TIME OF FIELD SURVEY. WHERE CONDITIONS COULD NOT BE VERIFIED, INFORMATION IS BASED SOLELY ON RECORD DOCUMENTS AVAILABLE AT THE TIME THE DRAWING WAS PREPARED. THE MECHANICAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND ORDERING MATERIALS. SHOULD ANY SYSTEMS AND/OR UTILITIES BE DISCOVERED THAT ARE NOT AS SHOWN ON THESE PLANS, THE MECHANICAL CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE CONTRACT DRAWINGS AND ACTUAL FIELD CONDITIONS TO THE ENGINEER AND OWNER BEFORE PROCEEDING WITH WORK.
- THE DEMOLITION PLAN IS INTENDED TO CONVEY THE GENERAL EXTENT OF DEMOLITION REQUIRED AND MAY NOT INDICATE ALL DEVICES, REMOVALS, RECONNECTIONS, OR ADDITIONAL WORK REQUIRED. COORDINATE WITH GENERAL CONTRACTOR TO PATCH REMAINING UNUSED WALL, CEILING, AND FLOOR PENETRATIONS AFTER DEMOLITION TO MATCH EXISTING CONSTRUCTION. WHERE APPLICABLE, FIRE RESISTANCE RATINGS SHALL BE MAINTAINED.
- ROUTE ALL NEW DUCTWORK IN A MANNER THAT PERMITS ACCESS TO ALL NEW AND EXISTING EQUIPMENT, DEVICES, DAMPERS, VALVES, PANELS, JUNCTION BOXES, AND OTHER APPURTENANCES REQUIRING ACCESS OR INSPECTION. COORDINATE WITH ALL OTHER TRADES.
- COORDINATE FINAL LOCATIONS OF GRILLES, REGISTERS, AND DIFFUSERS WITH ALL OTHER TRADES, INCLUDING CEILING GRID, LIGHTING, AND SPRINKLER LAYOUTS. GRILLES, REGISTERS, AND DIFFUSERS SHALL BE ARRANGED IN PATTERNS WHERE POSSIBLE. NOTIFY ENGINEER OF SIGNIFICANT CHANGES IN GRILLES, REGISTERS, AND DIFFUSERS LOCATIONS PRIOR TO INSTALLATION.
- LOCATE DIFFUSERS IN LABORATORY CEILINGS SUCH THAT A 4'-0" HORIZONTAL CLEARANCE IS MAINTAINED FROM THE CLOSEST EDGE OF DIFFUSERS TO NEARBY CROSSING STATION AND BIOSAFETY CABINET. REFER TO ARCHITECTURAL DRAWINGS FOR LABORATORY EQUIPMENT LAYOUT.
- PROVIDE TEMPORARY REPLACEMENT OF CEILING AT THE END OF EACH SHIFT FOR WORK AREAS OUTSIDE OF A RATED CONSTRUCTION BARRIER. IF THE CEILING CANNOT BE TEMPORARILY REPLACED, THE SPRINKLER SERVICE MAY BE CONSIDERED OUT OF SERVICE IN THESE AREAS AND 1-HOUR FIRE RATED SEPARATION WILL BE REQUIRED BETWEEN THE CONSTRUCTION AREA AND THE OCCUPIED PORTIONS OF THE BUILDING.

DEMOLITION KEYED NOTES:

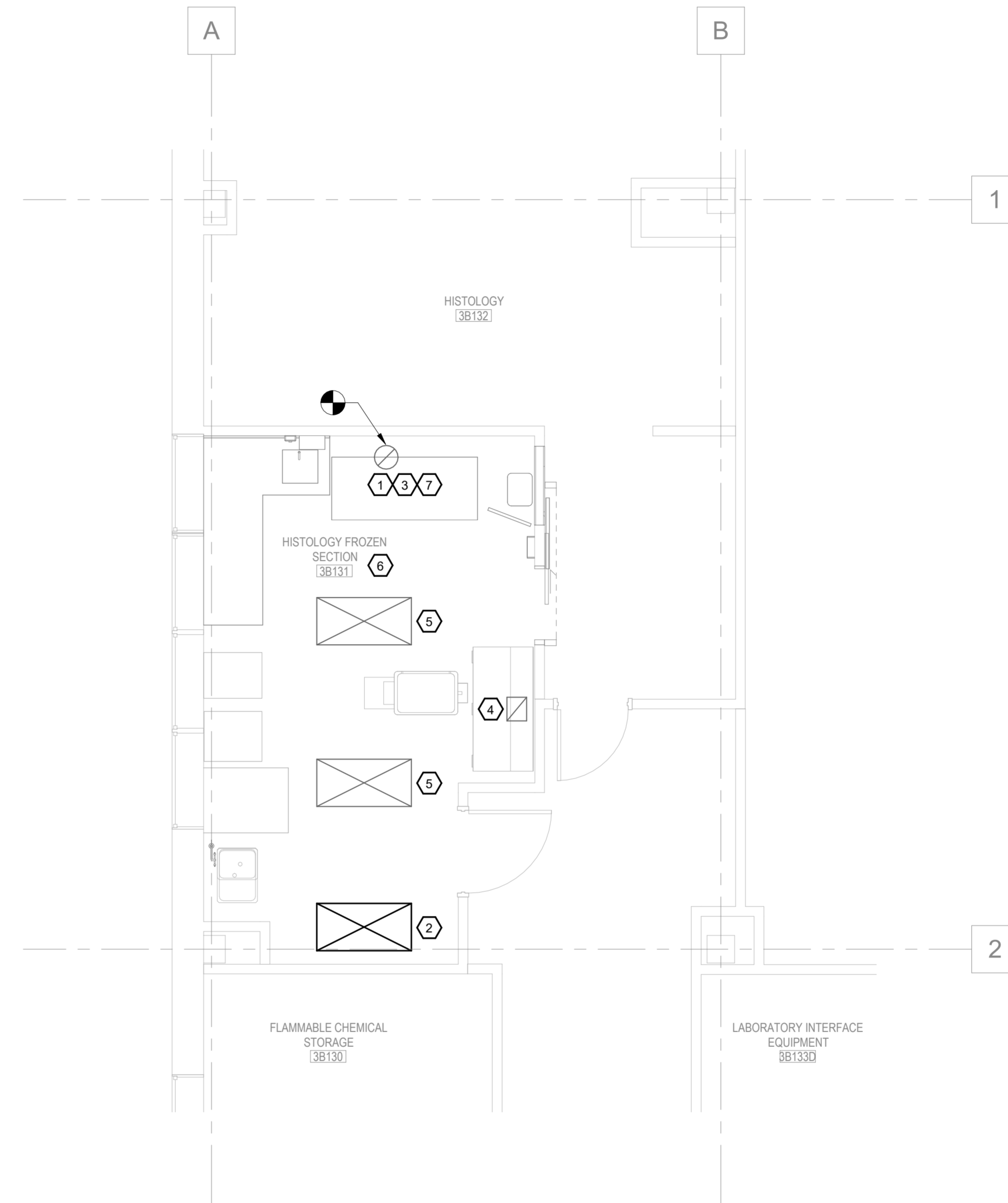
- (D1) REMOVE EXISTING 140 EXHAUST DUCTWORK FROM FLUME HOOD UP TO CEILING AND PREPARE FOR RECONNECTION.
- (D2) REMOVE EXISTING EXHAUST GRILLE. REMOVE ASSOCIATED EXISTING EXHAUST DUCTWORK BACK TO MAIN AND CAP. PRIOR TO REMOVAL, MEASURE PRE-CONSTRUCTION AIRFLOWS OF ALL EXISTING EXHAUST GRILLES ON SAME ZONE AS GRILLE AND DUCTWORK BEING REMOVED. REBALANCE THE EXISTING EXHAUST GRILLES ON SAME ZONE TO PRE-CONSTRUCTION AIRFLOWS AFTER DEMOLITION IS COMPLETE.

NEW WORK KEYED NOTES:

- (1) PROVIDE CONNECTION FROM EXISTING 140 EXHAUST DUCTWORK TO NEW CROSSING STATION CONNECTIONS IN BACK OF UNIT PER MANUFACTURER'S RECOMMENDATIONS. UTILIZE THE FLEXIBLE DUCTS INCLUDED WITH THE CROSSING STATION TO FACILITATE THE CONNECTION TO EACH LOCATION. PROVIDE Y-FITTING TO ACCOMMODATE CONNECTION FROM EXISTING 140 EXHAUST DUCTWORK TO THE FLEXIBLE DUCTS. BASIS OF DESIGN: CROSSING STATION MANUFACTURER CONVECTOR KIT OPTIONAL ACCESSORY MILESTONE PART CODE 109254) OR EQUIVALENT FITTING. COORDINATE REQUIREMENTS WITH CROSSING STATION MANUFACTURER.
- (2) PROVIDE NEW SUPPLY AIR DEVICE. MATCH MAKE, MODEL, FINISHES, AND SIZE OF EXISTING SUPPLY AIR DEVICES. IF EXISTING SUPPLY AIR DEVICES HAVE HEPA FILTER, PROVIDE HEPA FILTER FOR NEW SUPPLY AIR DEVICE. MAINTAIN MINIMUM 6" DISTANCE FROM WALL AND EXISTING SPRINKLER HEAD. PROVIDE DUCTWORK MODIFICATIONS AS REQUIRED TO FACILITATE NEW CONNECTION. NEW SUPPLY AIR DEVICE SHALL BE SERVED BY THE SAME EXISTING SUPPLY AIR VALVE AS THE OTHER TWO EXISTING SUPPLY AIR DEVICES. PROVIDE VOLUME DAMPER FOR BALANCING. BALANCE TO 425 CFM.
- (3) TEMPORARILY REMOVE, CLEAN, AND REINSTALL ASSOCIATED EXHAUST AIR VALVE PRIOR TO INSTALLATION OF CROSSING STATION. BALANCE CROSSING STATION TO 710 CFM.
- (4) REBALANCE EXISTING BIOSAFETY CABINET TO 705 CFM.
- (5) REBALANCE EXISTING SUPPLY AIR DEVICE TO 430 CFM.
- (6) BALANCE EXISTING ASSOCIATED CENTRAL AIR SYSTEMS TO PROVIDE THE SUPPLY AND EXHAUST AIRFLOWS AS CALLED OUT.
- (7) CONTRACTOR SHALL, IF APPLICABLE, UPDATE CONTROL GRAPHICS IN BAS FOR REMOVED FLUME HOOD TO NOW SHOW AND CALL OUT NEW CROSSING STATION AND CONFIRM THE EXISTING CONTROLS LOGIC FOR EXISTING SUPPLY AIR VALVE TO PROVIDE, IF NOT PRESENT, VALVE SHALL MODULATE TO MAINTAIN NEGATIVE ROOM PRESSURIZATION.



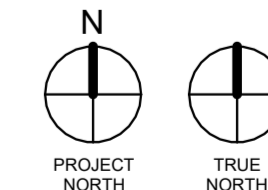
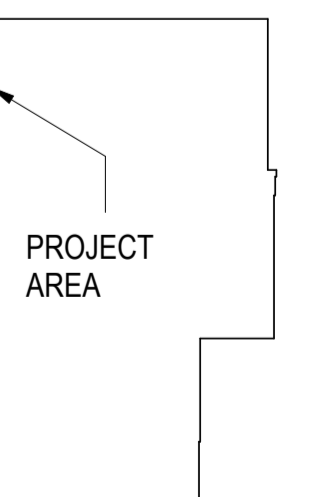
1 MECHANICAL - THIRD FLOOR - DEMOLITION PLAN
1/4" = 1'-0"



2 MECHANICAL - THIRD FLOOR - NEW WORK PLAN
1/4" = 1'-0"



KEY PLAN



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Revisions:	Date:

CONSULTANT

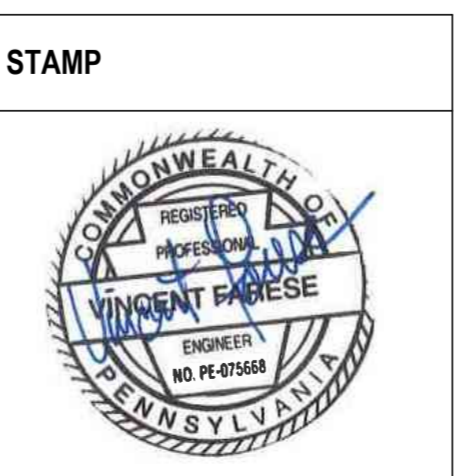
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL THIRD FLOOR DEMOLITION & NEW WORK PLANS

Approved: _____

Phase
CONSTRUCTION DRAWINGS

Project Title
23024 Blood Lab Grossing Station

Location
3900 WOODLAND AVE PHILADELPHIA PA 19104

Issue Date
08/01/24

Checked
RC

Drawn
MU

Project Number
642.22.135

Building Number
2

Drawing Number
M-101.00

DEMOLITION NOTES:

- NOTES AND GRAPHIC REPRESENTATIONS SHALL NOT LIMIT THE EXTENT OF DEMOLITION REQUIRED. CONTRACTOR SHALL VISIT THE SITE, CAREFULLY EXAMINE EXISTING CONDITIONS AND SHALL PERFORM ALL DEMOLITION REQUIRED TO ACHIEVE THE FINAL DESIGN INTENT AS REQUIRED BY THE CONTRACT DOCUMENTS. EXTENT OF ALL DEMOLITION WORK SHALL BE COORDINATED WITH THE ARCHITECT AND CONSTRUCTION MANAGER.
- EQUIPMENT AND WIRING TO BE REMOVED SHALL BE DE-ENERGIZED PRIOR TO ANY DEMOLITION WORK.
- WHERE SPECIFIC DEVICES ARE INDICATED:
 - 'EX' - DENOTES EXISTING TO REMAIN
 - 'ER' - DENOTES EXISTING TO BE REMOVED
 - 'RR' - EXISTING TO BE REMOVED AND RELOCATED
 - 'R' - RELOCATED EXISTING
- IN PROCESS OF REMOVING WIRING DEVICES, LIGHTING FIXTURES AND OTHER ELECTRICAL EQUIPMENT AND MATERIALS. THIS CONTRACTOR SHALL EXERCISE EXTREME CAUTION TO PREVENT DAMAGE TO THE ARCHITECTURAL SURFACES AND MATERIALS WHICH ARE TO REMAIN, INCLUDING WALLS, FLOORS, CEILING, WINDOWS, DOORS, MOLDINGS, STRUCTURAL MEMBERS, ETC. THE COST TO REPAIR OR ANY MATERIAL DEEMED BY THE ARCHITECT TO HAVE BEEN UNDULY DAMAGED BY THIS CONTRACTOR DURING DEMOLITION OR CONSTRUCTION SHALL BE PAID BY THIS CONTRACTOR AT THIS ADDITIONAL COST TO THE OWNER.
- ALL WORK SHALL BE PROPERLY IDENTIFIED AFTER DEMOLITION.
- PROVIDE BLANK PLATES AT ALL OPEN BOXES WHERE DEVICES ARE REMOVED AND SURFACE IS NOT SCHEDULED TO BE PATCHED AND RE-FINISHED.
- COORDINATE WITH ARCHITECT AND CONSTRUCTION MANAGER WHICH FIXTURES, DEVICES AND EQUIPMENT, IF ANY, ARE TO BE REMOVED, KEPT INTACT AND RETURNED TO THE OWNER. IN GENERAL, ALL DEVICES, WIRING, RACEWAYS, BOXES, SUPPORTS AND OTHER EQUIPMENT WHICH ARE TO BE REMOVED FROM SITE SHALL BE PROPERLY DISPOSED OF.
- EQUIPMENT, DEVICES, AND FIXTURES INDICATED TO BE REMOVED SHALL BE TAKEN FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND ENVIRONMENTAL REGULATIONS. EQUIPMENT REQUIRED TO BE TURNED OVER TO THE OWNER SHALL BE PLACED IN A MUTUALLY ACCEPTABLE LOCATION.

GENERAL NOTES:

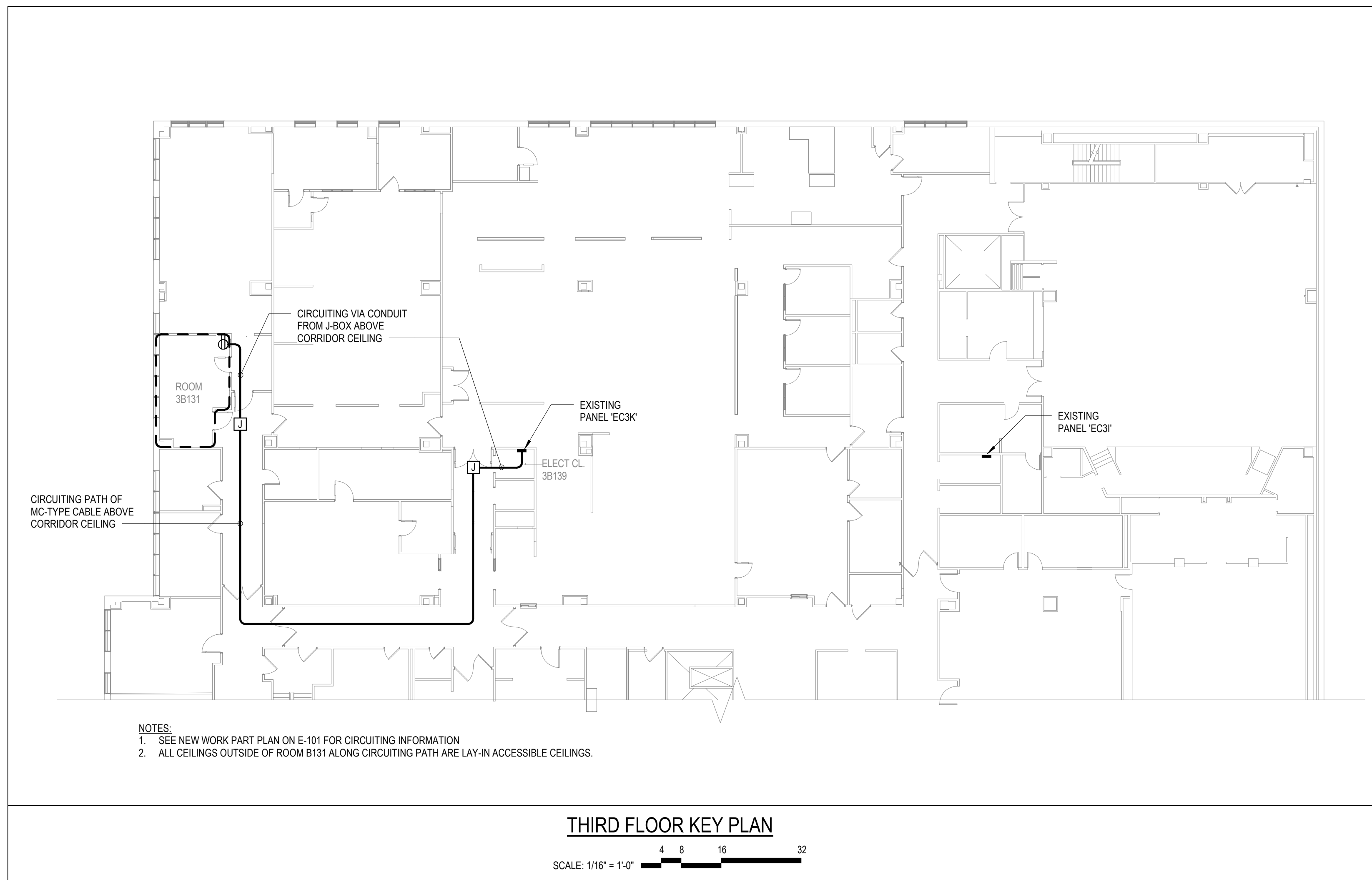
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
- ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE, REVIEW ARCHITECTURAL DRAWINGS AND BE RESPONSIBLE FOR REVIEWING A FULL SET OF BID DOCUMENTS TO MAKE HIMSELF AWARE OF THE TOTAL JOB BEFORE SUBMITTING HIS PRICE.
- VERIFY ALL EXISTING SITE CONDITIONS IN THE FIELD AND INCLUDE IN THE BID, THE PRICE OF ALL WORK REQUIRED.
- ALL WORK SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF FINISHED CONSTRUCTION PRIOR TO FABRICATION AND INSTALLATION OF FIXTURES AND EQUIPMENT.
- ELECTRICAL CONTRACTOR SHALL SUBMIT SAMPLES OF RECEPTACLES AND PLATES TO THE ARCHITECT FOR APPROVAL BEFORE MAKING HIS INSTALLATION.
- WIRING IN AIR PLENUM HUNG CEILINGS INSTALLED WITHOUT CONDUIT OR EMT SHALL BE TEFLON JACKETED AND PLENUM RATED.
- CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EQUIPMENT TO BE INSTALLED BY OTHER TRADES BEFORE STARTING CONDUIT WORK.
- CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL RACEWAYS AND WIRING FROM EQUIPMENT AND DEVICES TO THEIR SOURCE OF POWER.
- CONTRACTOR SHALL, AFTER HIS WORK IS COMPLETED, TEST THE ELECTRICAL DISTRIBUTION SYSTEM FOR SHORT CIRCUITS, LOOSE WIRING, ETC., TO THE SATISFACTION OF THE OWNER. ALL COSTS FOR THIS TEST SHALL BE BORNE BY THE CONTRACTOR.
- FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL ELECTRICAL OUTLETS, SWITCHES AND LIGHTING FIXTURES SEE ARCHITECTURAL FLOOR PLANS, DETAILS AND ELEVATIONS.
- MOUNTING HEIGHTS OF EQUIPMENT AND DEVICES SHALL BE AS INDICATED ON THE ARCHITECTURAL DRAWINGS. WHERE MOUNTING HEIGHTS ARE NOT GIVEN ON THE ARCHITECTURAL DRAWINGS, UTILIZE THE FOLLOWING MOUNTING HEIGHTS UNLESS OTHERWISE NOTED (ALL DIMENSIONS TO CENTERLINE OF BOX):
 - A. RECEPTACLES (WALL MOUNTED) - 18" A.F.F.
 - B. TELEPHONE/DATA OUTLETS - SAME AS RECEPTACLES.
 - C. WALL MOUNTED TELEPHONES - 44" A.F.F.
 - D. LIGHTING SWITCHES AND CONTROLS - 48" A.F.F. TO TOP OF HANDLE.
 - E. MANUAL FIRE ALARM STATIONS - 48" A.F.F. TO TOP.
 - F. FIRE ALARM HORN AND STROBE UNITS - 80" A.F.F. OR 6" BELOW THE CEILING.
 - G. CARD READERS - 48" A.F.F. TO TOP.
 - H. PANELBOARDS AND CABINETS - 78" TO TOP OF ENCLOSURE.
- MINIMUM RACEWAY SIZE SHALL BE 3/4" AND SHALL BE RUN PARALLEL TO BUILDING STRUCTURAL LINES. RACEWAYS SHALL NOT BE RUN HORIZONTALLY BELOW 8" TO PARTITIONS. ALL EMPTY RACEWAYS SHALL BE FURNISHED WITH A 200 LB. TEST NYLON DRAG LINE.
- WIRE SIZES SHALL BE INCREASED TO COMPENSATE FOR VOLTAGE DROP AS FOLLOWS:
 - A. FOR 120V, 20A CIRCUITS LONGER THAN 75' SHALL UTILIZE MIN. #10 AWG.
 - B. FOR 277V, 20A CIRCUITS LONGER THAN 200' SHALL UTILIZE MIN #10 AWG.

ELECTRICAL SYMBOL LIST

	DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W (GROUNDED), NEMA CONFIG. 5-20R: 'Z' - DENOTES CIRCUIT NUMBER 'GF' - DENOTES GROUND FAULT INTERRUPTER 'S' - DENOTES SWITCH CONTROL 'CH' - DENOTES ABOVE COUNTER HEIGHT 'WC' - DENOTES WATER COOLER 'A' - DENOTES ABOVE COUNTER
	DOUBLE DUPLEX RECEPTACLE IN 2 GANG BOX, 20A, 125V, 2P, 3W (GROUNDED), NEMA CONFIG. 5-20R
	SINGLE RECEPTACLE, 20A, 125V, 2P, 3W (GROUNDED) NEMA CONFIG. 5-20R
	WALL MOUNTED COMBINATION DATA/TELEPHONE OUTLET: 1-GANG COVER WITH REDUCING PLATE, 4-1/16" SQ. x 2-1/8" D BOX WITH DEDICATED 1" C STUBBED TO ABOVE ACCESSIBLE CEILING WITH BUSHINGS
	CONDUIT RUN CONCEALED: - TICK MARKS INDICATE NUMBER OF WIRES CONTAINED IN CONDUIT - TICK WITH 'G' INDICATES SEPARATE INSULATED GROUND WIRE (PROVIDE IN ALL CONDUITS WHETHER SHOWN OR NOT.)
	CIRCUIT HOMERUN TO PANELBOARD AND CIRCUITS INDICATED - ARROWS DENOTE NUMBER OF CIRCUITS
	CEILING, WALL MOUNTED JUNCTION BOX - TAIL DENOTES CONNECTION TO EQUIPMENT AS REQUIRED
	PANELBOARD (FLUSH TRIM)
	PANELBOARD (SURFACE TRIM)
	DISTRIBUTION PANELBOARD
	PANEL OR CABINET, TYPE AS NOTED

ABBREVIATIONS

A, AMP	AMPERE(S)
AC	AIR CONDITIONING UNIT
AFF	ABOVE FINISHED FLOOR
C	CONDUIT
CB	CIRCUIT BREAKER
CP	CONDENSATE PUMP
CR	CARD READER
CU	CONDENSER UNIT
DISC.	DISCONNECT
EX. EXIST.	EXISTING
EC	EMPTY CONDUIT
ELEC.	ELECTRICAL
EF	EXHAUST FAN
EMNL	EMERGENCY/NIGHT LIGHT
ER	EXISTING TO BE REMOVED
EW	ELECTRIC WATER HEATER
FA	FIRE ALARM
FPVAV	FAN POWERED VAV BOX
G. GRD	GROUND
GF	GROUND FAULT INTERRUPTER
HP	HORSE POWER
KVA	KILO VOLT-AMPERE
LD	LEAK DETECTOR
LTG	LIGHTING
MTD	MOUNTED
P	POLE(S)
PP	POWER PANEL
R	RELOCATED EXISTING
RR	EXISTING TO BE REMOVED AND RELOCATED
RECEP	RECEPTACLE
SW.	SWITCH
TYP.	TYPICAL
UNON	UNLESS OTHERWISE NOTED
V	VOLT(S)
W	WATT(S) / WIRE
WP	WEATHERPROOF



ELECTRICAL DRAWING LIST	
Sheet Number	Sheet Name
E-001	ELECTRICAL SYMBOL LIST, NOTES, AND ABBREVIATIONS
E-101	ELECTRICAL THIRD FLOOR DEMOLITION & NEW WORK PLANS

Revisions: _____ Date: _____	CONSULTANT Loring Consulting Engineers, Inc. Two Commerce Square 2001 Market Street, Suite 1130 Philadelphia, PA 19103 P. 267-946-3557	ARCHITECT/ENGINEER OF RECORD STAMP THINKFORM DESIGN ARCHITECT LLC 38 EAST BROAD STREET HOPEWELL, NJ 08525 T: 855.821.0274 F: 609.644.4397 Russell DiNardo, AIA NY 031521-1	 Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title ELECTRICAL SYMBOL LIST, NOTES, AND ABBREVIATIONS Approved: _____	Phase CONSTRUCTION DRAWINGS	Project Title 23024 Blood Lab Grossing Station Location 3900 WOODLAND AVE PHILADELPHIA PA 19104 Issue Date 08/01/24	Project Number 642.22.135 Building Number 2 Drawing Number E-001.00
	Checked VF	Drawn MS					

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GENERAL NOTES:

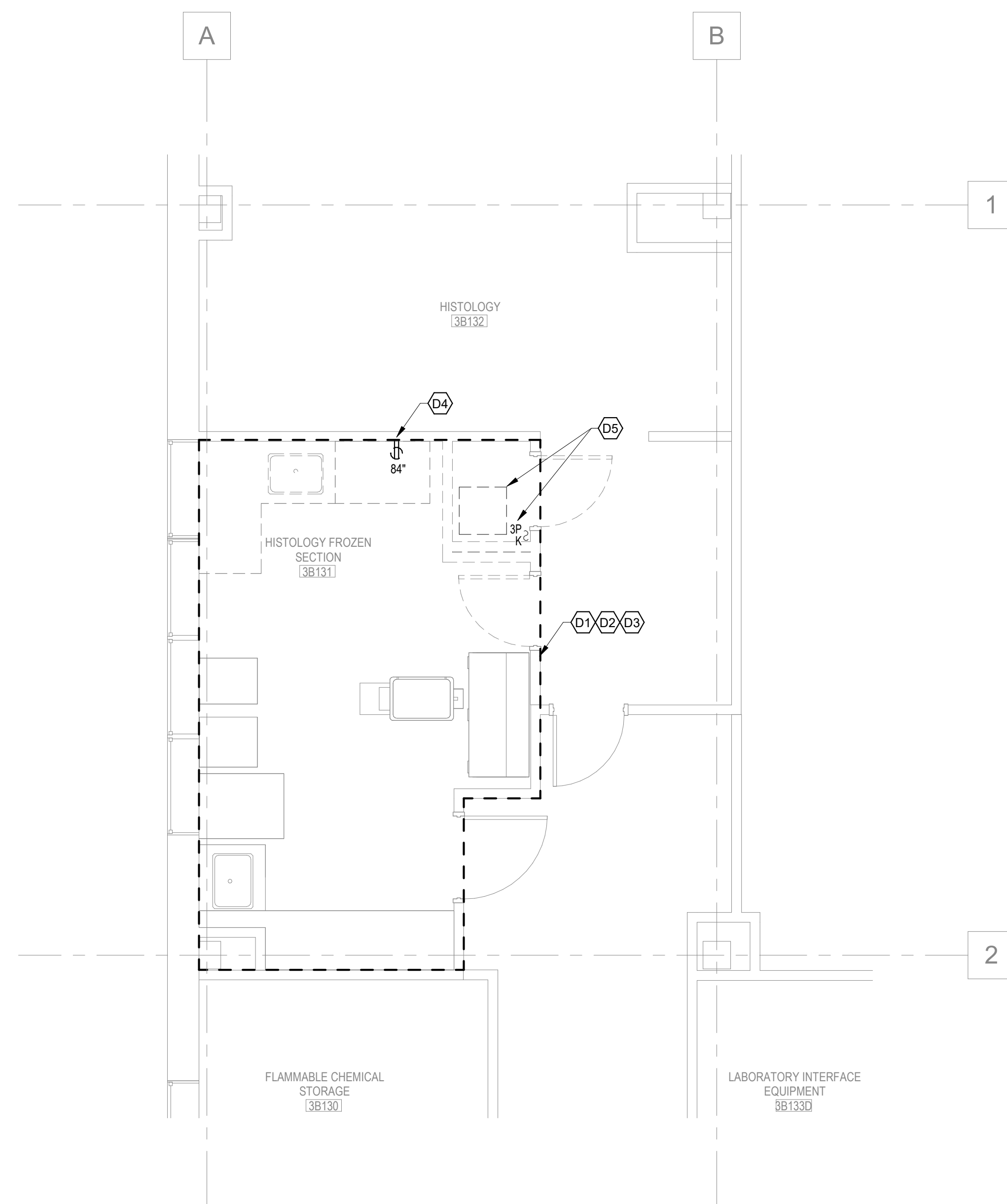
1. FIELD VERIFY ALL EXISTING CIRCUITING.

DEMOLITION KEYED NOTES:

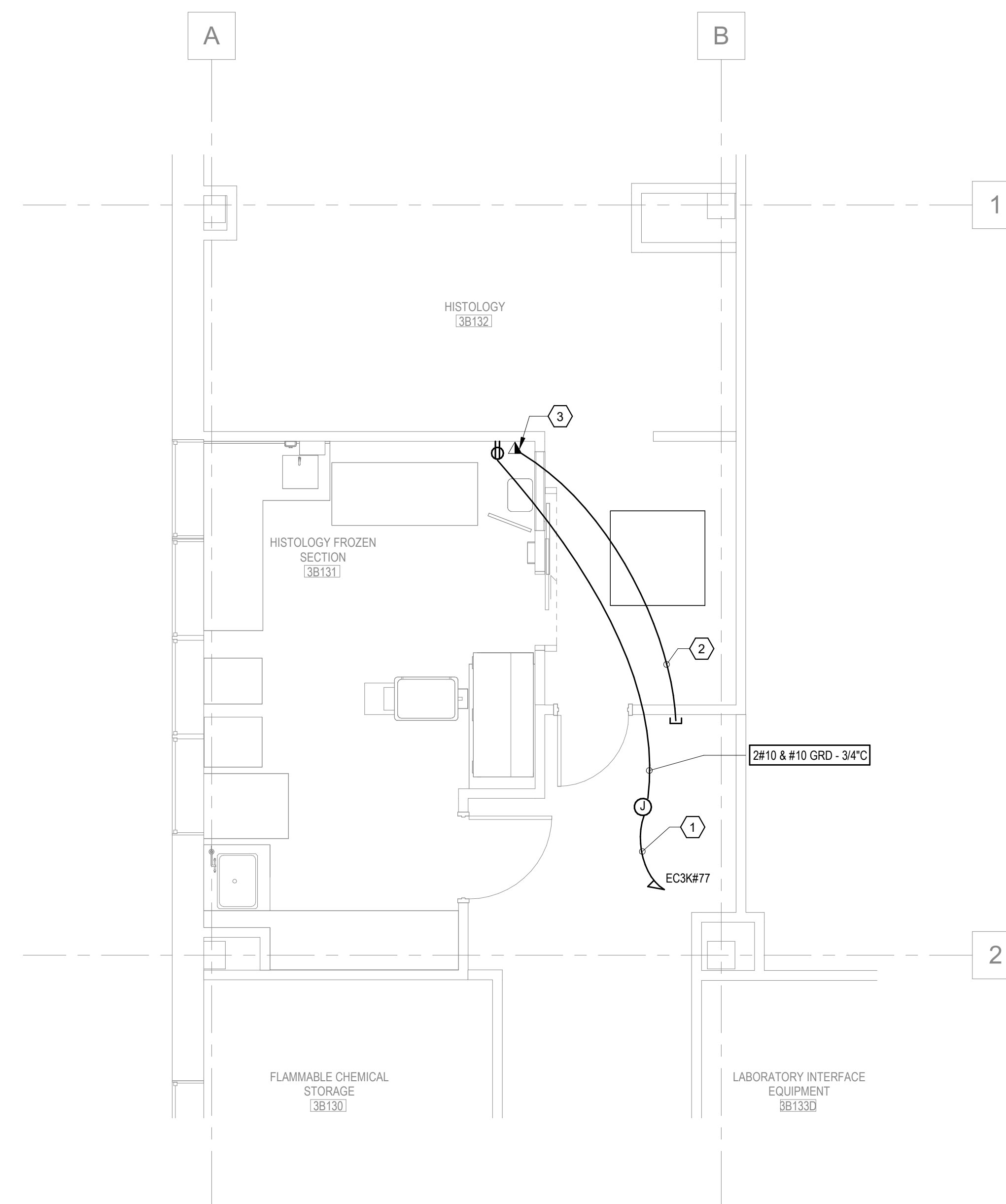
- (D1) EXISTING LIGHTING FIXTURES AND ASSOCIATED LIGHTING CONTROLS WITHIN THIS AREA ARE EXISTING TO REMAIN, U.O.N.
- (D2) EXISTING ELECTRICAL DEVICES AND ASSOCIATED WIRING WITHIN THIS AREA ARE EXISTING TO REMAIN, U.O.N.
- (D3) EXISTING FIRE ALARM DEVICES AND ASSOCIATED WIRING WITHIN THIS AREA ARE EXISTING TO REMAIN, U.O.N.
- (D4) DISCONNECT AND REMOVE EXISTING WALL MOUNTED RECEPTACLE SERVING EXISTING FUME HOOD. RECEPTACLE IS LABELED AS CIRCUIT "EC3#77". FIELD VERIFY. REMOVE WIRING FROM EXISTING CIRCUIT BREAKER AND CAP AND LABEL EXISTING WIRES IN OUTLET BOX AT SOURCE PANEL. FOR FUTURE USE, PROVIDE BLANK COVER PLATE AT OUTLET BOX.
- (D5) DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND ASSOCIATED SWITCH. REMOVE EXISTING CONDUIT AND WIRING BACK TO EXISTING ACTIVE FIXTURE OR J-BOX AND PROVIDE KNOCK-OUT PLUG TO CLOSE OPENING.

NEW WORK KEYED NOTES:

- (1) PROVIDE NEMA 5-20R DUPLEX RECEPTACLE AND 2 #10 & #10 GRD IN 3/4" / MC-TYPE CABLE TO EXISTING PANEL EC3K. REFER TO E 001 FOR ROUTING AND LOCATION OF PANEL EC3K. MC-TYPE CABLE SHALL ONLY BE ROUTED ABOVE ACCESSIBLE LAY-IN CORRIDOR CEILING. PROVIDE WIRING IN CONDUIT FROM RECEPTACLE TO J-BOX ABOVE CORRIDOR CEILING AS SHOWN AND FROM J-BOX ABOVE CORRIDOR CEILING OUTSIDE ELECTRIC ROOM TO PANEL EC3K. REMOVE EXISTING 1P-20A CB AND PROVIDE 1P-20A, GFCI-30mA CB AT EC3K#77 TO SERVE NEW RECEPTACLE. CB CHARACTERISTICS SHALL MATCH EXISTING. CIRCUIT NUMBER LABEL AT RECEPTACLE SHALL STATE "GFI CB".
- (2) PROVIDE 1" CONDUIT TERMINATED WITH BUSHING ABOVE ACCESSIBLE, LAY-IN CORRIDOR CEILING.
- (3) OBTAIN THE SERVICES OF VA TELECOM VENDOR TO PROVIDE THE FOLLOWING IN ACCORDANCE WITH VA / BUILDING TELECOM STANDARDS: (1) ETHERNET DROP WITH RJ45-TYPE CONNECTOR AND LABELED FACEPLATE AT OUTLET LOCATION AND CABLING ROUTED TO AND TERMINATED IN TELECOM CLOSET THAT SERVES THIS AREA.

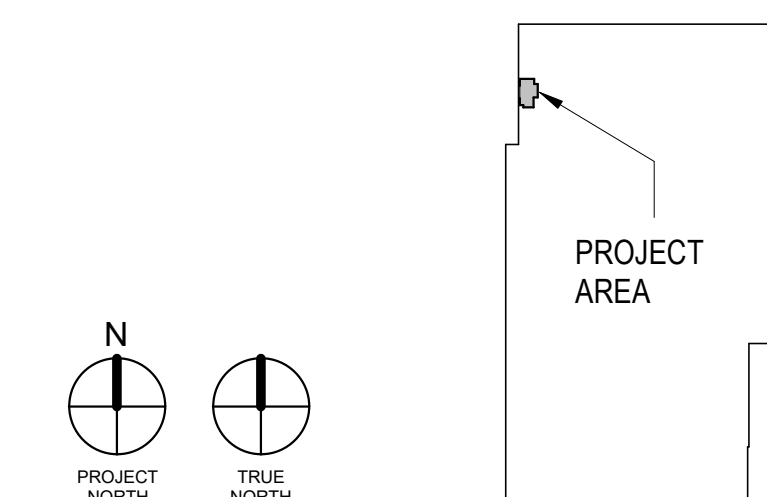


1 ELECTRICAL - THIRD FLOOR DEMOLITION PLAN
1/4" = 1'-0"



2 ELECTRICAL - THIRD FLOOR NEW WORK PLAN
1/4" = 1'-0"

KEY PLAN



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Revisions:	Date:

CONSULTANT

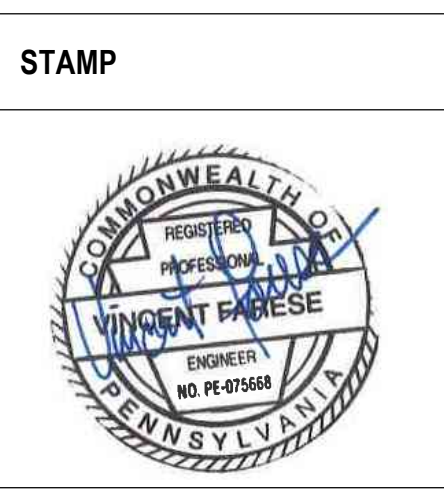
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

ELECTRICAL THIRD FLOOR DEMOLITION & NEW WORK PLANS

Approved:

Phase

CONSTRUCTION DRAWINGS

Project Title

23024 Blood Lab Grossing Station

Location

3900 WOODLAND AVE PHILADELPHIA PA 19104

Issue Date

08/01/24

Checked

VF

Drawn

MS

Project Number

642.22.135

Building Number

2

Drawing Number

E-101.00