

ICRA Committee approval of an ICRA Permit is required for all Construction Activity

BASIC PROJECT INFORMATION			
Project Name:	Project Number:	Today's Date	
Impacted Department(s):	Building Number and Name:	Floor:	Suite/Room:
Estimated Construction Start Date:		Estimated Completion Date:	
UCDH Project Manager:	UCDH PM Mobile Phone #:	UCDH PM Email:	
Construction Manager:	CM Mobile Phone:	CM Mobile Email:	
GENERAL PROJECT SCOPE			
ATTACH DESCRIPTIVE PROJECT SCHEMATIC OR IMAGE TO PACKET			
MULTIDISCIPLINARY TEAM			
Identify the multidisciplinary team included in this review and agree with the requirements identified within the package.			
Department	Name	Email	
UCDH Project Manager			
Fire Marshal's Office			
Infection Prevention			
Environmental Health & Safety			
Contractor Representative			
Other Multidisciplinary Team Members			

INFECTION CONTROL RISK ASSESSMENT

Step One: Using the table, identify the Construction Project Activity Type (A-E).

Type A	<p>Inspection and non-invasive activities. Includes but is not limited to:</p> <ul style="list-style-type: none"> • Removal of ceiling tile for visual inspection-limited to 1 tile per 50 square feet with limited exposure time. • Limited building system maintenance (e.g., pneumatic tube station, HVAC system, fire suppression system, electrical and carpentry work to include painting without sanding) that does not create dust or debris. • Clean plumbing activity limited in nature.
Type B	<p>Small-scale, short duration activities that create minimal dust and debris. Includes but is not limited to:</p> <ul style="list-style-type: none"> • Work conducted above the ceiling (e.g., prolonged inspection or repair of firewalls and barriers, installation of conduit and/or cabling, and access to mechanical and/or electrical chase spaces). • Fan shutdown/startup. • Installation of electrical devices or new flooring that produces minimal dust and debris. • The removal of drywall where minimal dust and debris is created. • Controlled sanding activities (e.g., wet, or dry sanding) that produce minimal dust and debris.
Type C	<p>Large-scale, longer duration activities that create a moderate amount of dust and debris. Includes but is not limited to:</p> <ul style="list-style-type: none"> • Removal of preexisting floor covering, walls, casework, or other building components. • New drywall placement. • Renovation work in a single room. • Nonexistent cable pathway or invasive electrical work above ceilings. • The removal of drywall where a moderate amount of dust and debris is created. • Dry sanding where a moderate amount of dust and debris is created. • Work creating significant vibration and/or noise. • Any activity that cannot be completed in a single work shift.
Type D	<p>Major demolition and construction activities. Includes but is not limited to:</p> <ul style="list-style-type: none"> • Removal or replacement of building system component(s). • Removal/installation of drywall partitions. • Invasive large-scale new building construction. • Renovation work in two or more rooms.
Type E	<p>Exterior Construction typical activities. include, but are not limited to:</p> <ul style="list-style-type: none"> • Excavation, Trenching, Grading, Boring, Pile Driving, Demolition • Asphalt, Concrete, Stucco, Scaffolding • Roofing • Window washing, Caulking, Tuckpointing, Cleaning, Painting • Landscaping, Planting
<p>Explain the reasoning for this assessment:</p>	

Step Two: Using the table below, identify the Patient Risk Group(s) that will be affected. If more than one risk group is involved, select the higher-risk group.

Low Risk Non-patient care areas such as:	Medium Risk Patient care support areas such as:	High Risk Patient care areas such as:	Highest Risk Procedural, invasive, sterile support and highly compromised patient care areas such as:
<input type="checkbox"/> Office areas not on clinical units <input type="checkbox"/> Breakrooms not on clinical units <input type="checkbox"/> Bathrooms or locker rooms not on clinical units <input type="checkbox"/> Mechanical rooms not on clinical units <input type="checkbox"/> EVS closets not on clinical units <input type="checkbox"/> Corridors and gathering areas not near clinical units	<input type="checkbox"/> Waiting / Lobby areas <input type="checkbox"/> Clinical engineering <input type="checkbox"/> Materials management <input type="checkbox"/> Sterile processing department - dirty side <input type="checkbox"/> Cafeteria, gift shop, coffee shop, and food kiosks <input type="checkbox"/> Public hallways and gathering areas near clinical units	<input type="checkbox"/> Patient care rooms and areas <input type="checkbox"/> All acute care units <input type="checkbox"/> Emergency department <input type="checkbox"/> Employee health <input type="checkbox"/> Pharmacy: General Work Zone <input type="checkbox"/> Medication rooms and clean utility rooms <input type="checkbox"/> Imaging suites: diagnostic imaging <input type="checkbox"/> Laboratory <input type="checkbox"/> Kitchen	<input type="checkbox"/> All transplant and intensive care units <input type="checkbox"/> All oncology units and other areas with severely immunocompromised patients <input type="checkbox"/> OR theaters and restricted areas <input type="checkbox"/> Procedural suites <input type="checkbox"/> Pharmacy compounding <input type="checkbox"/> Sterile processing department: clean side <input type="checkbox"/> Transfusion services <input type="checkbox"/> Dedicated isolation units and isolation rooms <input type="checkbox"/> Imaging suites: invasive imaging <input type="checkbox"/> Dialysis unit
Describe key patient risks:			

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, E) from Step One using the table below to find the Class of Precautions (I, II, III, IV or V) or level of infection control activities required. The activities are listed in the table below – Minimum Required Infection Control Precautions by Class.

Patient Risk Group	Construction Project Activity Type				
	TYPE A	TYPE B	TYPE C	TYPE D	TYPE E
LOW Risk	I	II	II	III*	<input type="checkbox"/> Exterior
MEDIUM Risk	I	II	III*	IV	
HIGH Risk	I	III	IV	V	
HIGHEST Risk	III	IV	V	V	

All construction and maintenance activities as defined in Step 1 require a permit and approval unless the work does not expose patients or employees and the ICRA Committee determines there is no appreciable risk to patients for acquired infection due to the project. Such decisions must be documented.

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.

Class III* Precautions - Type C [Medium Risk groups] and Type D [Low Risk Groups] work areas 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.

Surrounding Area Assessment

Step Four: Assess potential risk to areas surrounding the project. Using the table below, identify the surrounding areas that will be affected and the type of impact that will occur. If more than one risk group is impacted, select the higher risk group using Step 2 - Patient Risk Group.

Unit Location:	Below	Above	Lateral	Behind	Front
Unit Name:					
Risk Group:					
Unit Contact:					
Phone:					
Email:					
Additional Controls:	<input type="checkbox"/> Noise <input type="checkbox"/> Vibration <input type="checkbox"/> Dust control <input type="checkbox"/> Ventilation <input type="checkbox"/> Pressurization	<input type="checkbox"/> Noise <input type="checkbox"/> Vibration <input type="checkbox"/> Dust control <input type="checkbox"/> Ventilation <input type="checkbox"/> Pressurization	<input type="checkbox"/> Noise <input type="checkbox"/> Vibration <input type="checkbox"/> Dust control <input type="checkbox"/> Ventilation <input type="checkbox"/> Pressurization	<input type="checkbox"/> Noise <input type="checkbox"/> Vibration <input type="checkbox"/> Dust control <input type="checkbox"/> Ventilation <input type="checkbox"/> Pressurization	<input type="checkbox"/> Noise <input type="checkbox"/> Vibration <input type="checkbox"/> Dust control <input type="checkbox"/> Ventilation <input type="checkbox"/> Pressurization
Impact on other systems, such as:	<input type="checkbox"/> Data <input type="checkbox"/> Mechanical <input type="checkbox"/> Med Gases <input type="checkbox"/> Water Systems	<input type="checkbox"/> Data <input type="checkbox"/> Mechanical <input type="checkbox"/> Med Gases <input type="checkbox"/> Water Systems	<input type="checkbox"/> Data <input type="checkbox"/> Mechanical <input type="checkbox"/> Med Gases <input type="checkbox"/> Water Systems	<input type="checkbox"/> Data <input type="checkbox"/> Mechanical <input type="checkbox"/> Med Gases <input type="checkbox"/> Water Systems	<input type="checkbox"/> Data <input type="checkbox"/> Mechanical <input type="checkbox"/> Med Gases <input type="checkbox"/> Water Systems
Notes:					

Were there discoveries in surrounding areas that would serve as a cause to increase the class of precautions and necessitate additional controls? If so, please summarize.

NOISE AND VIBRATION ASSESSMENT

Type	Suggested Control Measures
<input type="checkbox"/> Drilling <input type="checkbox"/> Heavy Equipment <input type="checkbox"/> Motors <input type="checkbox"/> Pounding <input type="checkbox"/> Grinding <input type="checkbox"/> Other:	<input type="checkbox"/> Required for high-impact activities – Notify PO&M, Building Coordinator and EH&S <input type="checkbox"/> Always consider using Engineering solutions before using Personal Protective Equipment. <input type="checkbox"/> Coordinate disruption plan with PO&M and other stakeholders as necessary <input type="checkbox"/> Deploy noise dampening blankets or other similar equipment <input type="checkbox"/> Use tools or alternative methods designed to minimize noise and vibrations <ul style="list-style-type: none"> <input type="checkbox"/> Use diamond drills instead of powder-actuated fasteners <input type="checkbox"/> Use beam clamps instead of shot <input type="checkbox"/> Prefab where possible <input type="checkbox"/> Use tin snips to cut metal studs instead of using a chop saw <input type="checkbox"/> Install metal decking with vent tabs, then use cellular floor deck hangers <input type="checkbox"/> Consider pro-press instead of soldering, brazing, or welding <input type="checkbox"/> Wet core drill instead of dry core or percussion <input type="checkbox"/> Instead of jackhammering concrete, use wet diamond saws <input type="checkbox"/> Use HEPA vacuums instead of standard wet/dry vacuums <input type="checkbox"/> Use mechanical joining system sprinkler fittings instead of threaded <input type="checkbox"/> Where fumes are tolerated, use chemical adhesive remover instead of mechanical <input type="checkbox"/> To remove flooring, shot blast instead of using a floor scraper <input type="checkbox"/> Use electric sheers instead of reciprocating saw for ductwork cutting. <input type="checkbox"/> Install exterior man/material lifts. <input type="checkbox"/> Provide staff and/or patients with noise-reducing protective equipment (e.g., ear plugs) <input type="checkbox"/> Relocate members/staff to another area of the facility for the duration of the activity <input type="checkbox"/> Notify affected areas before noise or vibration-producing activity <input type="checkbox"/> Schedule activities during hours that minimize patient, visitor, and staff impact. Hours: <input type="checkbox"/> Other:

AIR QUALITY IMPACT

Type	Suggested Control Measures
<input type="checkbox"/> Dust <input type="checkbox"/> Chemical (VOC) <input type="checkbox"/> Fugitive Emissions (Fumes) <input type="checkbox"/> Potential Mold <small>Note: If Mold is encountered, follow work practices outlined in the General Requirements Division 1 Section 01561 Document.</small> <input type="checkbox"/> Asbestos <input type="checkbox"/> Paint Solvent/Cleaner <input type="checkbox"/> Roofing Tar <input type="checkbox"/> Other:	<input type="checkbox"/> Restrict/shut down air handlers for the duration of the activity <input type="checkbox"/> Install temporary partitions <input type="checkbox"/> Install charcoal filters in HVAC or portable units <input type="checkbox"/> Install temporary ductwork and portable units <input type="checkbox"/> Prohibit idling of heavy equipment engines <input type="checkbox"/> Provide local exhaust ventilation <input type="checkbox"/> Substitute material with low VOC product <input type="checkbox"/> Notify area staff and EH&S before construction activity that may impact air quality <input type="checkbox"/> Provide negative pressure/HEPA filtration <input type="checkbox"/> Exhaust HEPA–99.97% to exterior <input type="checkbox"/> Relocate members/staff to another area of the facility for the duration of the activity <input type="checkbox"/> Schedule activities during hours that minimize patient, visitor, and staff impact. Hours: <input type="checkbox"/> Provide Safety Data Sheets to EH&S for other recommended actions <input type="checkbox"/> Other:

HAZARDOUS MATERIALS

A determination regarding the presence of hazardous materials in all UCDH buildings must be made before a project starts. This can be accomplished by existing surveys that identify the presence of hazardous materials or by hiring a consultant to perform a hazardous materials assessment of the areas that the project will impact. All impacted Hazardous Materials must be handled per the appropriate control measures.

Note: A Certified Asbestos Consultant must have conducted an asbestos survey before any demolition or renovation activity. There are no exceptions based on the date of construction or the facility's age.

ACKNOWLEDGEMENT OF HAZARDOUS MATERIALS

Does the project contact hazardous materials (e.g., asbestos, lead, mold, PCBs, mercury)?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
How was this verified?	<input type="checkbox"/> Hazmat Survey	<input type="checkbox"/> Personal Knowledge	
	<input type="checkbox"/> Other:		
Who verified this information?	<input type="checkbox"/> Company:		
	<input type="checkbox"/> Person and Department:		
	<input type="checkbox"/> Other:		
Hazardous Materials Present in Project Work Area	Required Control Measures		
<input type="checkbox"/> Asbestos <input type="checkbox"/> Lead <input type="checkbox"/> PCBs <input type="checkbox"/> Universal Waste <input type="checkbox"/> Other:	Follow work practices outlined in the General Requirements Division 1 Document.		

CONTAINMENT REQUIREMENTS WORKSHEET

Containment Barrier	Where construction will impact fire-rated assemblies, the contractor is responsible for constructing interim assemblies and barriers that maintain the integrity of the structure's fire-rated system. Note: Interim Life Safety Measures may be required.		
	<input type="checkbox"/> Full Containment (poly over all surfaces within containment)		
	<input type="checkbox"/> The ceiling plenum within the work area shall be isolated and sealed by fire-rated six mil. poly		
	<input type="checkbox"/> Hard Barriers are recommended for work lasting greater than 30 days and in high-traffic areas.		
	<input type="checkbox"/> Fire retardant plastic barriers are recommended for work lasting less than 30 days. Plastic Barriers cannot be used where hot work will be performed.		
	<input type="checkbox"/> Isolated Room – Critical Openings Only (seal doors, supply and return registers, etc.)		
	<input type="checkbox"/> Prefabricated Containment Cube (only large enough for 1-2 people; aka pop-up cube or Mini Cube)		
	<input type="checkbox"/> Shrouded Tool with HEPA-filtered exhaust		
<input type="checkbox"/> Glove Box Containment with HEPA-filtered exhaust			
<input type="checkbox"/> Other:			
Negative Pressure	The contractor is required to maintain and document negative air pressure. DOP Tested HEPA-filtered negative air machines (with a minimum of 99.97% efficiency) and a rating of 200 to 2000 cubic feet per minute (CFM) is required for construction activities.		
	<input type="checkbox"/> -0.020" WC always displayed on a mounted digital manometer		
	<input type="checkbox"/> -0.020" WC at setup with negative pressure throughout the project, as displayed on the manometer		
	<input type="checkbox"/> Visual Verification of some negative room pressure throughout the project		
	<input type="checkbox"/> No negative room pressure is required		
	<input type="checkbox"/> Negative pressure in localized HEPA exhausted work area (e.g., shrouded tool, glove box)		
	<input type="checkbox"/> Additional Ante room under negative pressure		
<input type="checkbox"/> Other:			
Air Exhaust	<input type="checkbox"/> Air exhausted directly outside - Avoid exhausting air near air intakes or operable windows doors, and avoid exhausting air near walkways		
	<input type="checkbox"/> For air exhausted inside, check any of the following conditions that are required:		
	<input type="checkbox"/> Additional Filtration (ex. Charcoal, Diffuser system)		
	<input type="checkbox"/> Exhaust into Ducts/HVAC system – Mechanical engineer must confirm that exhausted air will not negatively impact the air balance of the existing system		
	<input type="checkbox"/> Onsite Challenge Testing (DOP or particle counting) before containment setup		
<input type="checkbox"/> Challenge Tested within last six months; Equipment has remained onsite at UCDH			
Additional Containment Requirements	<input type="checkbox"/> Ante Room	<input type="checkbox"/> Masonite Floor Protection	<input type="checkbox"/> Protective Clothing
	<input type="checkbox"/> Walk Off Mats	<input type="checkbox"/> Shoe Covers	<input type="checkbox"/> Collect Samples During Work
	<input type="checkbox"/> Other:		
Verification of Work	<input type="checkbox"/> HEPA Equipment Verification	<input type="checkbox"/> EH&S <input type="checkbox"/> Consultant <input type="checkbox"/> Other:	
	<input type="checkbox"/> Pre-Work Approval Inspection	<input type="checkbox"/> PM <input type="checkbox"/> EH&S <input type="checkbox"/> Consultant <input type="checkbox"/> IOR <input type="checkbox"/> Other: <u>Entek</u>	
	<input type="checkbox"/> Daily Onsite Oversight	<input type="checkbox"/> PM <input type="checkbox"/> EH&S <input type="checkbox"/> Consultant <input type="checkbox"/> IOR <input type="checkbox"/> Other: <u>Contractor</u>	
	<input type="checkbox"/> Post Demolition/Abatement Inspection	<input type="checkbox"/> PM <input type="checkbox"/> EH&S <input type="checkbox"/> Consultant <input type="checkbox"/> IOR <input type="checkbox"/> Other: <u>Entek</u>	
	<input type="checkbox"/> ICRA Downgrade	<input type="checkbox"/> PM <input type="checkbox"/> EH&S <input type="checkbox"/> Consultant <input type="checkbox"/> IOR <input type="checkbox"/> Other:	
	<input type="checkbox"/> Final Visual Containment Inspection	<input type="checkbox"/> PM <input type="checkbox"/> EH&S <input type="checkbox"/> Consultant <input type="checkbox"/> IOR <input type="checkbox"/> Other: <u>Entek</u>	
	<input type="checkbox"/> Air Sampling	<input type="checkbox"/> EH&S <input type="checkbox"/> Consultant <input type="checkbox"/> Other:	
Air Sampling	<input type="checkbox"/> Particle Counting <input type="checkbox"/> Mold <input type="checkbox"/> Asbestos <input type="checkbox"/> Other:		Frequency:
Air Balance in Adjacent Areas:	The contractor is responsible for maintaining air balance in adjacent high and highest-risk areas per design/ASHRAE guidelines. Contact PO&M to verify the air balance requirements of surrounding areas.		
	Adjacent High/Highest Risk Areas		Air Balance Requirements

ICRA Permit Number	ICRA Class

Project Number:		Project Name:	
Impacted Department:	Building Number and Name:	Floor:	Suite/Room:
UCDH Project Manager:	UCDH PM Mobile Phone #:	UCDH PM Email:	
Construction Manager:	CM Mobile Phone:	CM Mobile Email:	
General Contractor:	General Contractor Mobile Phone:	General Contractor Mobile Email:	
Containment will be set up and maintained by:		Third-Party Containment Consultant:	

ICRA Class:		Project Start Date	Completion Date
Additional Requirements			
Signatures	Project Manager	General Contractor	Infection Control and Prevention
Downgrade Request – ICRA Class		Project Start Date	Completion Date
Additional Requirements			
Signatures	Project Manager	General Contractor	Infection Control and Prevention
Extension Request – ICRA Class		Project Start Date	Completion Date
Additional Requirements			
Signatures	Project Manager	General Contractor	Infection Control and Prevention

Please include the appropriate Infection Prevention Requirement page(s) for the Class indicated in Step 3 of this package.

INFECTION PREVENTION REQUIREMENTS - CLASS I

Prior to and During Construction:	<ul style="list-style-type: none"> Perform non-invasive work activities not to block or interrupt patient care. Perform non-invasive work activities in areas that are not directly occupied by patients. Perform non-invasive work activity in a manner that does not create dust. Immediately replace any displaced ceiling tile before leaving the area and/or at the end of non-invasive work activity.
Upon Completion of Work:	<p>Cleaning</p> <ul style="list-style-type: none"> Clean work areas, including all environmental surfaces, high horizontal surfaces, and flooring materials. Check all supply and return air registers for dust accumulation on upper surfaces and air diffuser surfaces. <p>HVAC Systems</p> <ul style="list-style-type: none"> Remove isolation of the HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. Verify the HVAC systems meet original airflow and air exchange design specifications.
	Additional Infection Prevention Requirements:

INFECTION PREVENTION REQUIREMENTS - CLASS II

Prior to and During Construction:	<ul style="list-style-type: none"> • Perform only limited dust work and/or activities designed for basic facilities and engineering work. • Perform limited dust and invasive work following standing precautions procedures approved by the organization. • This Class of Precautions must never be used for construction or renovation activities.
Upon Completion of Work:	<p>Cleaning:</p> <ul style="list-style-type: none"> • Clean work areas, including all environmental surfaces, high horizontal surfaces, and flooring materials. • Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. <p>HVAC Systems:</p> <ul style="list-style-type: none"> • Remove isolation of the HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. • Verify the HVAC systems meet original airflow and air exchange design specifications.
	<p>Additional Infection Prevention Requirements:</p>

INFECTION PREVENTION REQUIREMENTS - CLASS III

Prior to and During Construction:	<ul style="list-style-type: none"> • Provide active means to prevent airborne dust dispersion into the occupied areas. • Means for controlling minimal dust dispersion may include hand-held HEPA vacuum devices, polyethylene plastic containment, or isolation of work area by closing room door. • Remove or isolate return air diffusers to avoid dust from entering the HVAC system. • Remove or isolate the supply air diffusers to avoid positive pressurization of the space, • If work area is contained, then it must be neutrally to negatively pressurized at all times. *If negative pressure is required, see additional requirements below. • Seal all doors with tape that will not leave residue • Contain all trash and debris in the work area. • Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. • Install a sticky (dust collection) mat at entrance of contained work area based on facility policy. Sticky mats must be changed routinely and when visibly soiled. • Maintain clean surroundings when area is not contained by damp mopping or HEPA vacuuming surfaces. <p>Additional requirements for Class III containments that require negative pressure:</p> <ul style="list-style-type: none"> • Maintain negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows requires the highest degree of filtration feasible. • If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as no less than 99.97% efficiency and must not alter or change airflow/pressure relationships in other areas. • Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is not acceptable. • Install digital monitoring manometer with one thousandth of inch of water pressure (eg. - 0.024) exterior of work containment to continually monitor negative pressurization. The non-digital manometer monitors are not acceptable.
Upon Completion of Work:	<p>Cleaning:</p> <ul style="list-style-type: none"> • Clean work areas including all environmental surfaces, high horizontal surfaces, and flooring materials. • Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. <p>HVAC Systems:</p> <ul style="list-style-type: none"> • Remove isolation of the HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. • Verify the HVAC systems meet original airflow and air exchange design specifications. <p>Class III precautions require inspection and documentation for downgraded ICRA precautions. Construction areas must be inspected by the designee on the containment requirements worksheet for discontinuation or downgrading of ICRA precautions.</p> <p>Work Area Cleaning:</p> <ul style="list-style-type: none"> • Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials.

INFECTION PREVENTION REQUIREMENTS - CLASS III

- Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces.

Removal of Critical Barriers:

- Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed.
- All (plastic or hard) barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers:
 - Carefully remove screws and painter tape.
 - If dust will be generated during screw removal, use hand-held HEPA vacuum.
 - Drywall cutting is prohibited during removal process.
 - Clean all stud tracks with HEPA vacuum before removing outer hard barrier.
 - Use a plastic barrier to enclose area if dust could be generated.

Negative Air Requirements:

- The use of negative air must be designed to remove contaminants from the work area.
- Negative air devices must remain operational at all times and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers.

HVAC systems:

- Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed.
- Verify that HVAC systems are clean and operational.
- Verify the HVAC systems meets original airflow and air exchange design specifications.

Additional Infection Prevention Requirements:

INFECTION PREVENTION REQUIREMENTS - CLASS IV

Prior to and During Construction:

- Construct and complete critical barriers meeting NFPA 241 requirements. Barriers must extend to the ceiling or if ceiling tile is removed, to the deck above.
- All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling or floor.
- Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type).
- Containment units or environmental containment units (ECUs) approved for Class IV precautions in small areas totally contained by the unit and that has HEPA-filtered exhaust air (MiniCube Mobile Containments).
- Remove or isolate return air diffusers to avoid dust entering the HVAC system.
- Remove or isolate the supply air diffusers to avoid positive pressurization of the space.
- Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the construction area. The entire construction area must remain negatively pressurized.
- Maintain negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows requires the highest degree of filtration feasible.
- If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as no less than 99.97% efficiency and must not alter or change airflow/pressure relationships in other areas.
- Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is not acceptable.
- Install digital monitoring manometer with one thousandth of inch of water pressure (eg. - 0.024) exterior of work containment to continually monitor negative pressurization. The non-digital manometer monitors are not acceptable.
- Contain all trash and debris in the work area.
- Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area.
- Worker clothing must be clean and free of visible dust before leaving the work area. HEPA vacuuming of clothing or use of cover suites is acceptable.
- Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed.
- Install a sticky (dust collection) mat at entrance of contained work area based on facility policy. Sticky mats must be changed routinely and when visibly soiled.
- Collection of particulate data during work may be collected to assure that contaminants do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies. Collection of particulate data may be collected by Environmental Health and Safety or approved third party consultant.

INFECTION PREVENTION REQUIREMENTS - CLASS IV

Upon Completion of Work:

Class IV precautions require inspection and documentation for downgraded ICRA precautions.

Construction areas must be inspected by the designee on the containment requirements worksheet for discontinuation or downgrading of ICRA precautions.

Work Area Cleaning:

- Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials.
- Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces.

Removal of Critical Barriers:

- Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed.
- All (plastic or hard) barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers:
 - Carefully remove screws and painter tape.
 - If dust will be generated during screw removal, use hand-held HEPA vacuum.
 - Drywall cutting is prohibited during removal process.
 - Clean all stud tracks with HEPA vacuum before removing outer hard barrier.
 - Use a plastic barrier to enclose area if dust could be generated.

Negative Air Requirements:

- The use of negative air must be designed to remove contaminants from the work area.
- Negative air devices must remain operational at all times and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers.

HVAC systems:

- Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed.
- Verify that HVAC systems are clean and operational.
- Verify the HVAC systems meets original airflow and air exchange design specifications.

Additional Infection Prevention Requirements:

INFECTION PREVENTION REQUIREMENTS - CLASS V

Prior to and During Construction:

- Construct and complete critical barriers meeting NFPA 241 requirements. Barriers must extend to the ceiling or if ceiling tile is removed, to the deck above.
- All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling or floor.
- Seal all penetrations in containment barriers, anteroom barriers, including floors and ceiling using approved materials (UL schedule firestop if applicable for barrier type).
- Construct anteroom large enough for equipment staging, cart cleaning, workers. The anteroom must be constructed adjacent to entrance of construction work area.
- Personnel will be required to wear coveralls at all times during Class V work activities. Coveralls must be removed before leaving the anteroom.
- Remove or isolate return air diffusers to avoid dust entering the HVAC system.
- Remove or isolate the supply air diffusers to avoid positive pressurization of the space.
- Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the construction area. The entire construction area must remain negatively pressurized.
- Maintain negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows requires the highest degree of filtration feasible
- If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as no less than 99.97% efficiency and must not alter or change airflow/pressure relationships in other areas.
- Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (bathroom exhaust) is not acceptable.
- Install digital monitoring manometer with one thousandth of inch of water pressure (eg. -0.024) exterior of work containment to continually monitor negative pressurization. The non-digital manometer monitors are not acceptable.
- Contain all trash and debris in the work area.
- Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area.
- Worker clothing must be clean and free of visible dust before leaving the work area anteroom.
- Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed.
- Install a sticky (dust collection) mat at entrance of contained work area based on facility policy. Sticky mats must be changed routinely and when visibly soiled.
- Collection of particulate data during work may be collected to assure that contaminants do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies. Collection of particulate data may be collected by Environmental Health and Safety or approved third party consultant.

INFECTION PREVENTION REQUIREMENTS - CLASS V

Upon Completion of Work:

Class IV precautions require inspection and documentation for downgraded ICRA precautions.

Construction areas must be inspected by the designee on the containment requirements worksheet for discontinuation or downgrading of ICRA precautions.

Work Area Cleaning:

- Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials.
- Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces.

Removal of Critical Barriers:

- Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed.
- All (plastic or hard) barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers:
 - Carefully remove screws and painter tape.
 - If dust will be generated during screw removal, use hand-held HEPA vacuum.
 - Drywall cutting is prohibited during removal process.
 - Clean all stud tracks with HEPA vacuum before removing outer hard barrier.
 - Use a plastic barrier to enclose area if dust could be generated.

Negative Air Requirements:

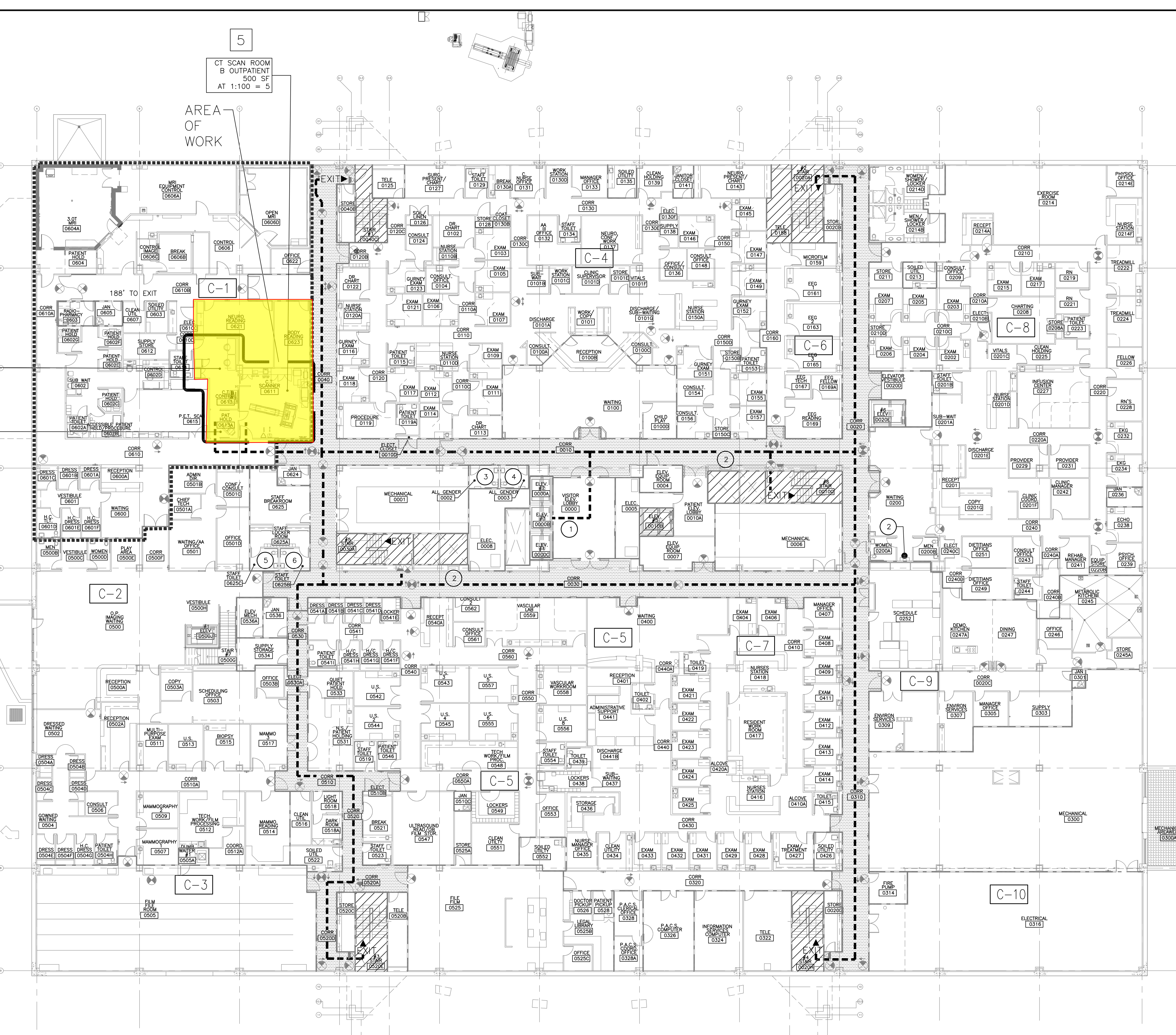
- The use of negative air must be designed to remove contaminants from the work area.
- Negative air devices must remain operational at all times and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers.

HVAC systems:

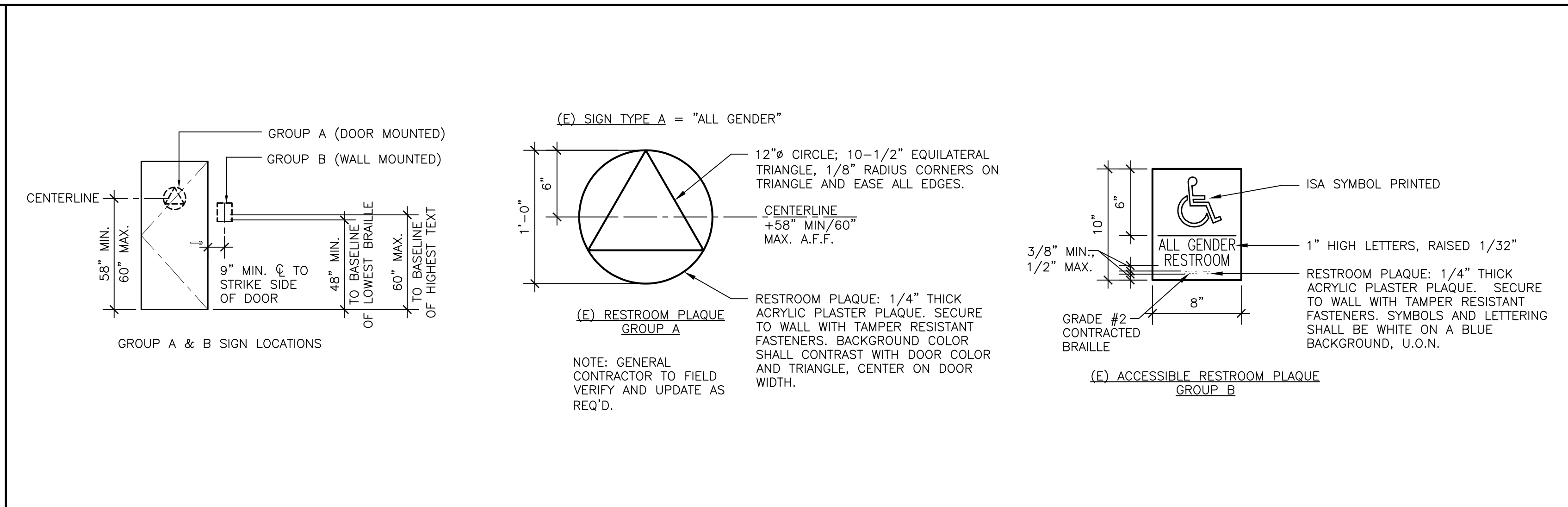
- Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed.
- Verify that HVAC systems are clean and operational.
- Verify the HVAC systems meets original airflow and air exchange design specifications.

Additional Infection Prevention Requirements:

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE-INCH = TWENTY FEET



1 CODE ANALYSIS, LIFE SAFETY & ACCESSIBILITY PLAN – BASEMENT
1/16" = 1'-0"



2 (E) ALL GENDER RESTROOM SIGNAGE
1/16" = 1'-0"

ACCESSIBLE FIXTURES:
THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.

- 1 (E) ACCESSIBLE COMPLIANT ELEVATOR
- 2 (E) ACCESSIBLE DRINKING FOUNTAIN
- 3 (E) ALL GENDER ACCESSIBLE PUBLIC TOILET, SEE DETAIL 2/A0.10 FOR SIGNAGE
- 4 (E) ALL GENDER ACCESSIBLE PUBLIC TOILET, SEE DETAIL 2/A0.10 FOR SIGNAGE
- 5 (E) FEMALE STAFF ACCESSIBLE TOILET
- 6 (E) MALE STAFF ACCESSIBLE TOILET

LEGEND:
THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.

- C-NO COMPARTMENT OCCUPANT LOAD < 100 (FIRE AREA PER 2019 CBC 707.3.10 EQUIVALENT)
- F.E.C. FIRE EXTINGUISHER CABINET
- NON-RATED PARTITION
- 1 HR. FIRE RATED PARTITION (1-HR FIRE-RESISTIVE FIRE PARTITION EQUIVALENT)
- 2 HR. FIRE RATED PARTITION (2-HR FIRE-RESISTIVE FIRE BARRIER EQUIVALENT)
- ACCESSIBLE ROUTE & PATH OF TRAVEL TO EXIT BLDG. LENGTH OF TRAVEL DISTANCE
- 1 HR. RATED CORRIDOR
- 2 HR. STAIR ENCLOSURE / VERTICAL SHAFT
- EXIT
- TACTILE "EXIT STAIR UP" SIGN
- EXIT SIGN
- OFFICE B OFFICE 90 SF AT 1:150 = 1
- AREA OF SPACE OCC. LOAD FACTOR PER 2019 CBC TABLE 1004.1.2
- 9 OCCUPANT LOAD OF SUBJECT SPACE

LEGEND
THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.

- NOTE:**
PATH OF TRAVEL (ADA ACCESSIBLE ROUTE) – WALKWAYS AND SIDEWALKS ALONG ACCESSIBLE ROUTES ARE CONTINUOUSLY ACCESSIBLE. CHANGES IN LEVEL IS PERMITTED TO BE 1/4" MAXIMUM VERTICAL WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4" HIGH MAXIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. COMBINED CHANGE NOT TO EXCEED 1/2". CHANGES IN LEVEL THAT EXCEED 1/2" MAXIMUM MUST COMPLY WITH RAMP REQUIREMENTS. THERE ARE NO DROP-OFFS OVER 4" AT THE EDGE OF WALK OR LANDING. WHERE GREATER THAN A 4" DROP OCCURS, THERE IS A WARNING CURB (4"H.) OR 12" OF LEVEL GRADE NEXT TO WALK. ROUTE IS A MIN OF 48" WIDE AND DOES NOT EXCEED A SLOPE OF 1:20. WHERE ROUTE CROSSES A VEHICLE TRAFFIC AISLE, THERE IS A MIN. 48" WIDE PATH STRIPED WITH 4" DIAGONAL WHITE PAINT STRIPING AT 3'-0" O.C. CONTRACTOR TO VERIFY THAT ALL BARRIERS ALONG THE PATH OF TRAVEL HAVE BEEN REMOVED.
- PATH OF TRAVEL AND PATH TO EXIT BUILDING
 - AREA OF WORK
 - SUITE BOUNDARY

CODE ANALYSIS:

GENERAL SCOPE OF WORK:
THE RENOVATION OF THE UC Davis AMBULATORY CARE CENTER ON THE BASEMENT LEVEL TO ACCOMMODATE THE INSTALLATION OF NEW GE 3.0T MRI EQUIPMENT IN ROOM 0604A.

WORK UNDER THIS CONTRACT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

- REMOVAL OF EXISTING CT EQUIPMENT.
- REMOVAL OF (PORTION OF) EXISTING WALLS, WINDOW, CEILINGS, DOORS, CASEWORK AND FLOOR FINISHES.
- GROUND FLOOR: ABOVE CEILING ACCESS FOR EQUIPMENT SUPPORT AND PLUMBING INSTALLATION.
- MODIFICATION TO STRUCTURAL, MECHANICAL, PLUMBING, I.T. AND ELECTRICAL SYSTEMS TO ACCOMMODATE NEW WORK.
- INSTALLATION OF NEW CT EQUIPMENT.
- INSTALLATION OF NEW CASEWORK.
- INSTALLATION OF (PORTION OF) NEW WALLS, WINDOW, DOORS, CEILINGS, AND FINISHES.

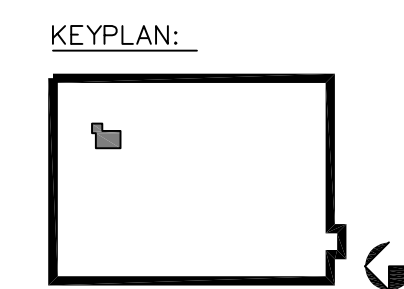
LOCATION: EXISTING BASEMENT FLOOR; AMBULATORY CARE CENTER

OCCUPANCY: GROUP B (EXISTING UNCHANGED)

CONSTRUCTION:
TYPE: 1-A FIRE RESISTIVE
FULLY SPRINKLERED IN ACCORDANCE W/ ALL LOCAL CODES
FULL MONITORED ALARM SYSTEM IN ACCORDANCE W/ ALL LOCAL CODES

AREA OF WORK:
EXISTING UNCHANGED
843 SF NO SQUARE FOOTAGE ADDED.
TENANT IMPROVEMENT ONLY.

EXIT TRAVEL DISTANCE
(300' MAX. W/ SPRINKLER) TABLE 1017.2, B OCCUPANCY



ARCHITECT

CONSULTANT

JURISDICTIONAL APPROVAL:

SCHEMATIC DESIGN

ISSUED	ISSUED FOR	DATE
○	PLAN REVIEW	
○	PLAN REVIEW BACK CHECK #1	
○	BID	
○	CONSTRUCTION	
▲	REVISIONS DESCRIPTION	DATE

ACCOUNT #:
M055563

BUILDING:
AMBULATORY CARE CENTER

WING/FLOOR:
BASEMENT LEVEL

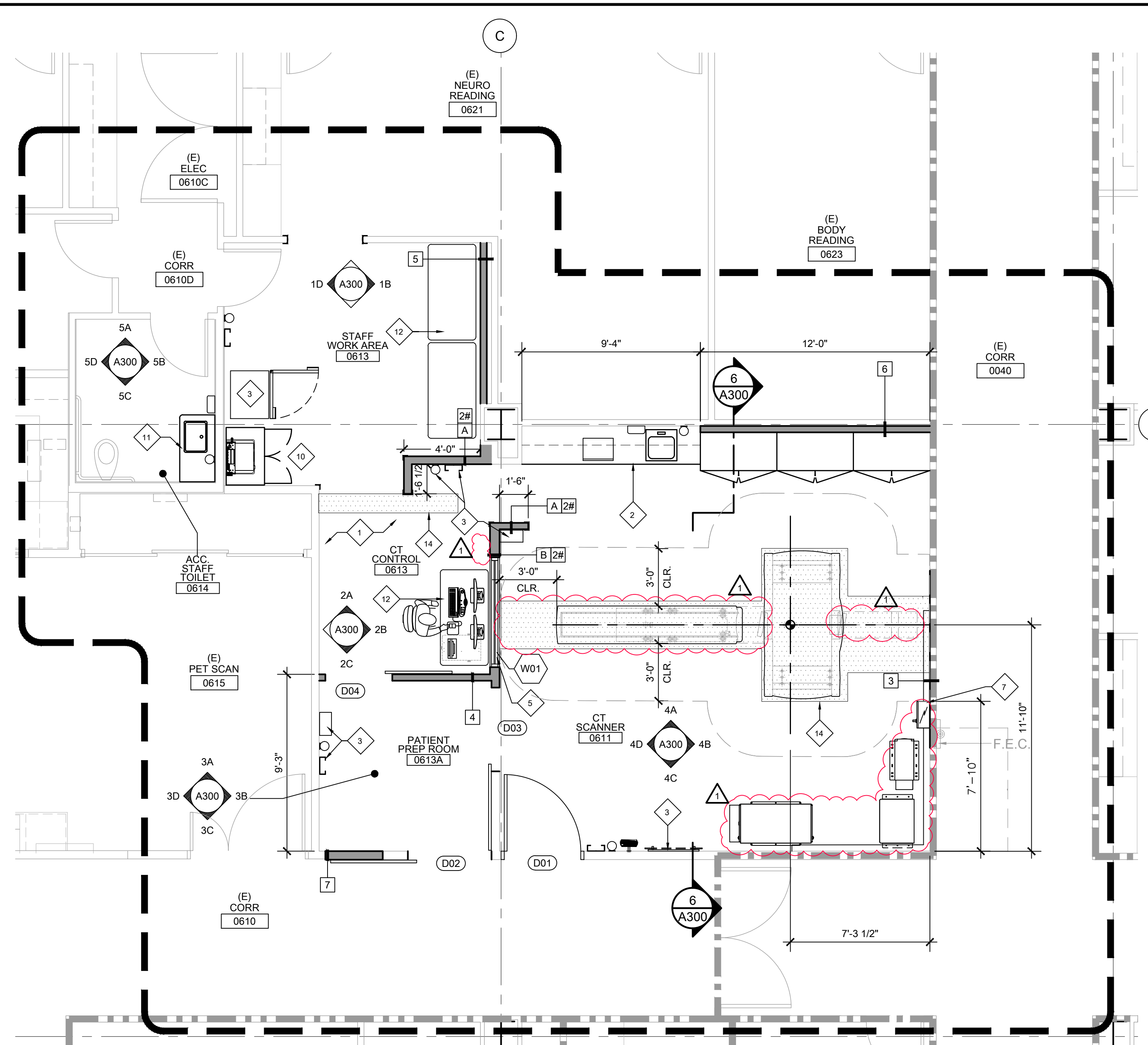
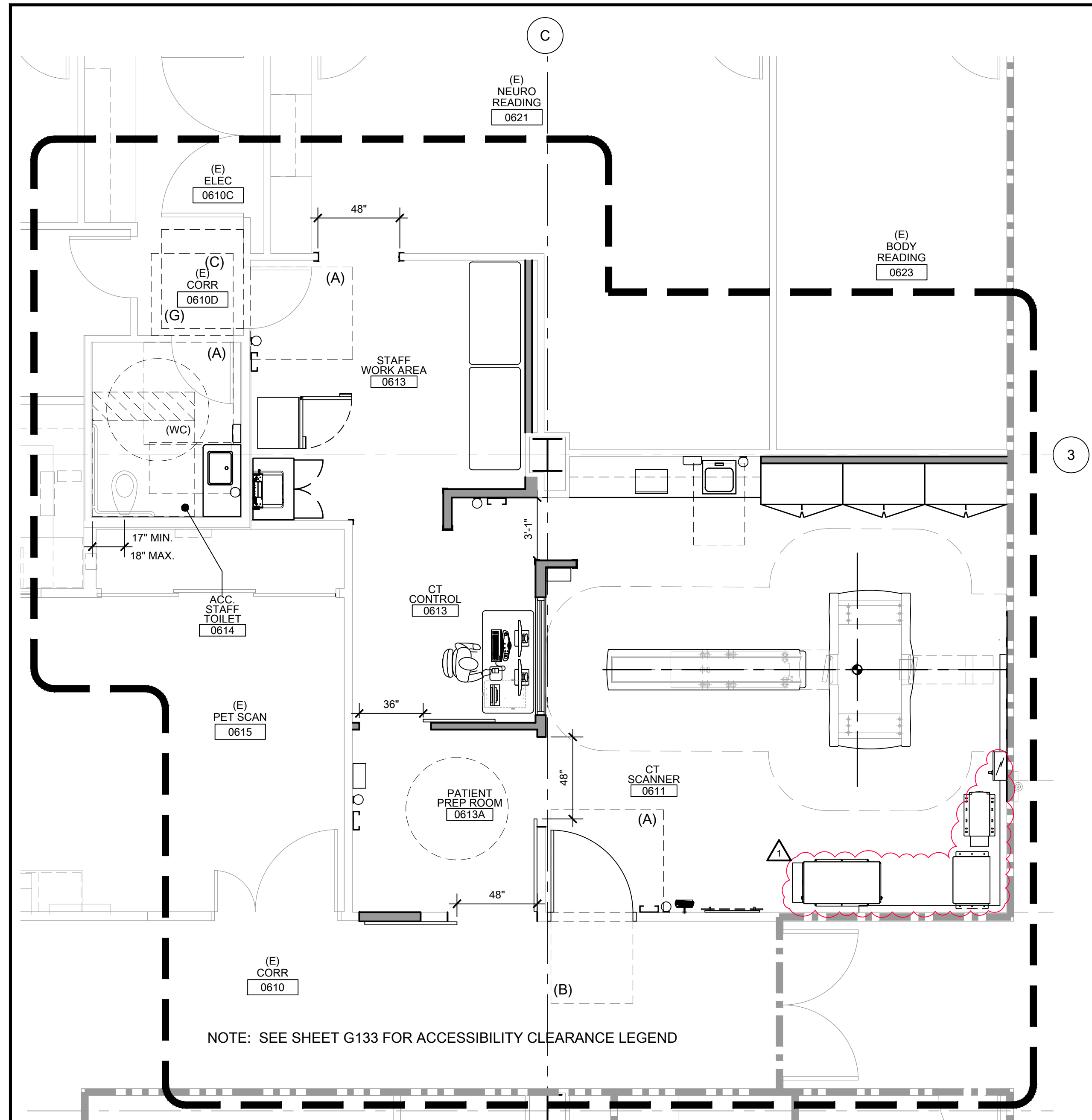
PROJECT TITLE:
UCDH ACC 0611 RAD CT SCANNER REPLACEMENT

A&E JOB #: Y2208-00

SHEET TITLE:
CODE ANALYSIS, LIFE SAFETY & ACCESSIBILITY PLAN - BASEMENT

SCALE: AS NOTED
DATE: 06/17/2022
ARCHITECT: J. FLATH
PROJ. MGR: D.S.
DRAWN BY: S.S.
REVIEWED BY: S.L.

SHEET #:



- RENOVATION KEYNOTES:**
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1 FLOORING, SEE A710 F.A.I.
 2 CASEWORK, SEE INTERIOR ELEVATIONS ON A300 & DTL. ON A660 F.A.I.
 3 EQUIPMENT, SEE EQUIPMENT PLAN ON A810.
 4 WINDOW, SEE A710 F.A.I. MODIFY WALL FRAMING AS REQUIRED.
 5 WALL SURFACE DUCT S.E.D. F.A.I.
 6 CABINET, SEE A660 F.A.I.
 7 ACCESSIBLE CORIAN COUNTERTOP W/ LAVATORY 8254 (SEE DETAIL 14/G133 F.A.I.)
 8 FURNITURE BY UNIVERSITY SEE A810 F.A.I.
 9 NOT USED
 10 INFILL CONC. SLAB S.S.D. F.A.I.
- DEMOLITION KEYNOTES:**
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1 REMOVE (E) FLOORING. PREPARE SLAB FOR INSTALLATION OF (N) FLOORING.
 2 REMOVE (E) CASEWORK.
 3 (E) EQUIPMENT REMOVAL BY THE UNIVERSITY. CONTRACTOR TO CUT (E) ANCHORS & DRILL OUT TO 1/2" BELOW TOP OF SLAB, AS REQ'D. PATCH SLAB W/ NON-SHRINK GROUT TO LEVEL W/ FLOOR. SEE MECH. & ELEC. DWGS. F.A.I.
 4 REMOVE (E) WALL.
 5 DEMO (E) WINDOW.
 6 DEMO (E) DOOR.
 7 (E) DOOR TO REMAIN.
 8 (E) CURTAIN TO BE REMOVED.
 9 REMOVE (E) EQUIPMENT S.E.D. F.A.I.
 10 REMOVE (E) GLOVE BOX & HAND SANITIZER DISPENSER.
 11 REMOVE (E) GYB BOARD TO ACCOMMODATE (N) WORK S.E.D. & S.P.D. F.A.I.
 12 (E) FOLDING TABLE BRACKET
 13 DEMO (E) WALL FURRING AND CHW PIPING SEE M-301 F.A.I.
 14 SAW CUT AND REMOVE (E) CONC. SLAB W/ FLOOR TRENCH AND INFILL AS REQ'D. S.S.D. F.A.I.
 15 REMOVE (E) RECESSED PAPER TOWEL DISPENSER, PATCH & REPAIR WALL SEE A710 FOR FINISHES.
 16 (E) SINK TO BE DEMOLISHED S.P.D. F.A.I.
 17 REMOVE (E) FLOOR TRENCH AND INFILL AS REQ'D. S.S.D. F.A.I.
 18 REMOVE (E) MIRROR PATCH & REPAIR WALL SEE A710 FOR FINISHES.
- SHEET NOTES:**
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED AND SCHEDULED WITH BUILDING FACILITIES TO MINIMIZE IMPACT TO ON-GOING BUILDING OPERATIONS. GENERAL CONTRACTOR SHALL REASONABLY ESTIMATE SHUTDOWNS THAT WILL NEED TO OCCUR OUTSIDE STANDARD WORK HOURS AND PROVIDE A CORRESPONDING ALLOWANCE FOR AFTER HOURS WORK.
 2. THE DEMOLITION PLANS AND RELATED NOTES ARE GENERAL IN NATURE. THE PRIMARY PURPOSE OF THE DRAWING IS TO COMMUNICATE TO THE CONTRACTOR INFORMATION ABOUT EXISTING ELEMENTS THAT WILL REQUIRE DEMOLITION.
 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL INCIDENTAL WORK NECESSARY TO COMPLETE THE INSTALLATION OF NEW WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL OF EXISTING PORTIONS OF CONSTRUCTION WHETHER SHOWN OR NOT.
 4. GENERAL CONTRACTOR SHALL REVIEW AND VERIFY EXISTING CONDITION OF SITE PRIOR TO SUBMITTING A BID FOR THE PROJECT. GENERAL CONTRACTOR SHALL NOT BE ENTITLED TO ANY CHANGE IN CONTRACT PRICE OR TIME FOR CONDITIONS THAT COULD HAVE BEEN REASONABLY DISCOVERED PRIOR TO THE COMMENCEMENT OF DEMOLITION/CONSTRUCTION ACTIVITIES.
 5. OWNER RETAINS THE RIGHT OF FIRST REFUSAL FOR ALL REMOVED ITEMS. AS DIRECTED BY OWNER DELIVER ITEMS FOR STORAGE OR DISPOSE OF REMOVED ITEMS TO A LEGAL OFF-SITE DISPOSAL FACILITY.
 6. MAINTAIN ADEQUATE SITE AND BUILDING ACCESS AT ALL TIMES TO MAINTAIN LIFE/SAFETY AND CONTINUOUS TRAFFIC FLOW. RELOCATED (E) SIGNS AS REQ'D TO TO NEAREST EXIT DURING CONSTRUCTION. NO EXIT SIGNS SHALL BE BLOCKED.
 7. ITEMS AND/OR SYSTEMS TO BE ABANDONED ARE TO BE REMOVED IN TOTAL AND ANY DAMAGED SURFACE DUE TO REMOVAL ARE TO BE REPAIRED TO AN ACCEPTABLE FINISHED CONDITION.
 8. SEE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DWGS FOR RELATED DEMOLITION WORK.
 9. MAINTAIN ALL EXISTING FIRE RATED ASSEMBLIES TO PROVIDE CONTINUOUS FIRE PROTECTION. REPAIR/REPLACE ANY DAMAGED ASSEMBLIES TO MATCH (E) RATED ASSEMBLY.
 10. TEMPORARY BARRIER WALLS WILL BE REQUIRED AT VARIOUS TIMES DURING THE STAGES OF WORK. COORDINATE WITH THE UNIVERSITY TO DETERMINE THE TIMING OR SEQUENCE OF WHEN THE BARRIER WALLS WILL BE REQUIRED IN RELATIONSHIP TO THE STAGING OF WORK.
 11. SEE SHEET A710 FOR FINISH PLANS & SCHEDULES. SEE SHEET A810 FOR EQUIPMENT PLAN. FOR OUTLETS, ELEC. DRAWINGS AND SEE SHEET A300.
 12. THE GENERAL CONTRACTOR WILL COMPLY WITH THE USGBC PRESCRIBED METHODS OF CONSTRUCTION.
 13. G.C. TO SCAN (E) SLAB PRIOR TO SAW-CUTTING.
 14. FOR TEMP. POWER REFER TO ELECTRICAL DRAWINGS.

3 ACCESSIBILITY PLAN & EQUIP. CLEARANCES
 1/4" = 1'-0"

2 CT ROOM RENOVATION PLAN
 1/4" = 1'-0"

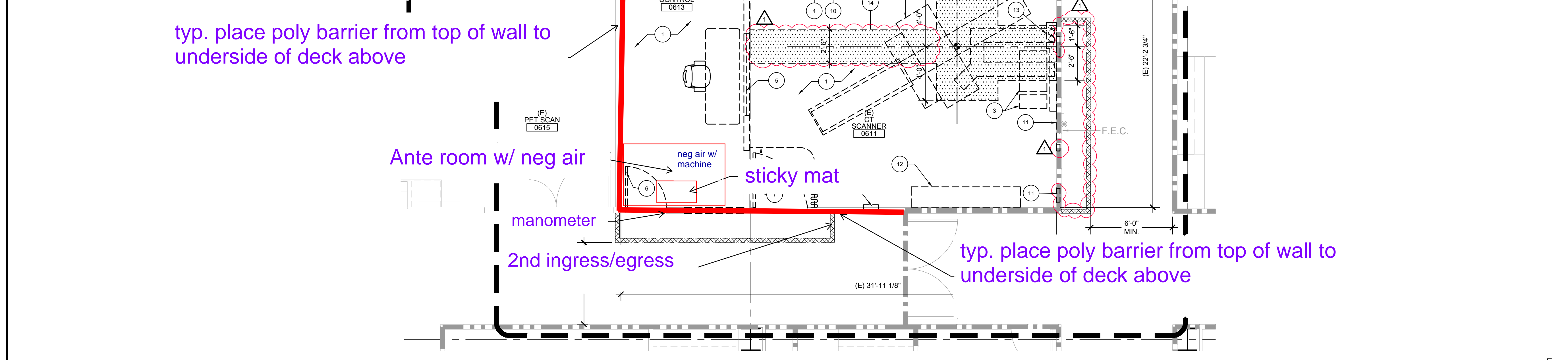
Scenario #1 (ability to maintain neg air in work space)

poly barrier w/ construction notice

keep door locked

2 or 3 Neg air machines or as needed to maintain neg pressure in 0611

typ. place poly barrier from top of wall to underside of deck above



1 CT ROOM DEMOLITION PLAN
 1/4" = 1'-0"

RENOVATION KEYNOTES:
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1 FLOORING, SEE A710 F.A.I.
 2 CASEWORK, SEE INTERIOR ELEVATIONS ON A300 & DTL. ON A660 F.A.I.
 3 EQUIPMENT, SEE EQUIPMENT PLAN ON A810.
 4 WINDOW, SEE A710 F.A.I. MODIFY WALL FRAMING AS REQUIRED.
 5 WALL SURFACE DUCT S.E.D. F.A.I.
 6 CABINET, SEE A660 F.A.I.
 7 ACCESSIBLE CORIAN COUNTERTOP W/ LAVATORY 8254 (SEE DETAIL 14/G133 F.A.I.)
 8 FURNITURE BY UNIVERSITY SEE A810 F.A.I.
 9 NOT USED
 10 INFILL CONC. SLAB S.S.D. F.A.I.

DEMOLITION KEYNOTES:
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1 REMOVE (E) FLOORING. PREPARE SLAB FOR INSTALLATION OF (N) FLOORING.
 2 REMOVE (E) CASEWORK.
 3 (E) EQUIPMENT REMOVAL BY THE UNIVERSITY. CONTRACTOR TO CUT (E) ANCHORS & DRILL OUT TO 1/2" BELOW TOP OF SLAB, AS REQ'D. PATCH SLAB W/ NON-SHRINK GROUT TO LEVEL W/ FLOOR. SEE MECH. & ELEC. DWGS. F.A.I.
 4 REMOVE (E) WALL.
 5 DEMO (E) WINDOW.
 6 DEMO (E) DOOR.
 7 (E) DOOR TO REMAIN.
 8 (E) CURTAIN TO BE REMOVED.
 9 REMOVE (E) EQUIPMENT S.E.D. F.A.I.
 10 REMOVE (E) GLOVE BOX & HAND SANITIZER DISPENSER.
 11 REMOVE (E) GYB BOARD TO ACCOMMODATE (N) WORK S.E.D. & S.P.D. F.A.I.
 12 (E) FOLDING TABLE BRACKET
 13 DEMO (E) WALL FURRING AND CHW PIPING SEE M-301 F.A.I.
 14 SAW CUT AND REMOVE (E) CONC. SLAB W/ FLOOR TRENCH AND INFILL AS REQ'D. S.S.D. F.A.I.
 15 REMOVE (E) RECESSED PAPER TOWEL DISPENSER, PATCH & REPAIR WALL SEE A710 FOR FINISHES.
 16 (E) SINK TO BE DEMOLISHED S.P.D. F.A.I.
 17 REMOVE (E) FLOOR TRENCH AND INFILL AS REQ'D. S.S.D. F.A.I.
 18 REMOVE (E) MIRROR PATCH & REPAIR WALL SEE A710 FOR FINISHES.

SHEET NOTES:
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED AND SCHEDULED WITH BUILDING FACILITIES TO MINIMIZE IMPACT TO ON-GOING BUILDING OPERATIONS. GENERAL CONTRACTOR SHALL REASONABLY ESTIMATE SHUTDOWNS THAT WILL NEED TO OCCUR OUTSIDE STANDARD WORK HOURS AND PROVIDE A CORRESPONDING ALLOWANCE FOR AFTER HOURS WORK.
 2. THE DEMOLITION PLANS AND RELATED NOTES ARE GENERAL IN NATURE. THE PRIMARY PURPOSE OF THE DRAWING IS TO COMMUNICATE TO THE CONTRACTOR INFORMATION ABOUT EXISTING ELEMENTS THAT WILL REQUIRE DEMOLITION.
 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL INCIDENTAL WORK NECESSARY TO COMPLETE THE INSTALLATION OF NEW WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL OF EXISTING PORTIONS OF CONSTRUCTION WHETHER SHOWN OR NOT.
 4. GENERAL CONTRACTOR SHALL REVIEW AND VERIFY EXISTING CONDITION OF SITE PRIOR TO SUBMITTING A BID FOR THE PROJECT. GENERAL CONTRACTOR SHALL NOT BE ENTITLED TO ANY CHANGE IN CONTRACT PRICE OR TIME FOR CONDITIONS THAT COULD HAVE BEEN REASONABLY DISCOVERED PRIOR TO THE COMMENCEMENT OF DEMOLITION/CONSTRUCTION ACTIVITIES.
 5. OWNER RETAINS THE RIGHT OF FIRST REFUSAL FOR ALL REMOVED ITEMS. AS DIRECTED BY OWNER DELIVER ITEMS FOR STORAGE OR DISPOSE OF REMOVED ITEMS TO A LEGAL OFF-SITE DISPOSAL FACILITY.
 6. MAINTAIN ADEQUATE SITE AND BUILDING ACCESS AT ALL TIMES TO MAINTAIN LIFE/SAFETY AND CONTINUOUS TRAFFIC FLOW. RELOCATED (E) SIGNS AS REQ'D TO TO NEAREST EXIT DURING CONSTRUCTION. NO EXIT SIGNS SHALL BE BLOCKED.
 7. ITEMS AND/OR SYSTEMS TO BE ABANDONED ARE TO BE REMOVED IN TOTAL AND ANY DAMAGED SURFACE DUE TO REMOVAL ARE TO BE REPAIRED TO AN ACCEPTABLE FINISHED CONDITION.
 8. SEE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DWGS FOR RELATED DEMOLITION WORK.
 9. MAINTAIN ALL EXISTING FIRE RATED ASSEMBLIES TO PROVIDE CONTINUOUS FIRE PROTECTION. REPAIR/REPLACE ANY DAMAGED ASSEMBLIES TO MATCH (E) RATED ASSEMBLY.
 10. TEMPORARY BARRIER WALLS WILL BE REQUIRED AT VARIOUS TIMES DURING THE STAGES OF WORK. COORDINATE WITH THE UNIVERSITY TO DETERMINE THE TIMING OR SEQUENCE OF WHEN THE BARRIER WALLS WILL BE REQUIRED IN RELATIONSHIP TO THE STAGING OF WORK.
 11. SEE SHEET A710 FOR FINISH PLANS & SCHEDULES. SEE SHEET A810 FOR EQUIPMENT PLAN. FOR OUTLETS, ELEC. DRAWINGS AND SEE SHEET A300.
 12. THE GENERAL CONTRACTOR WILL COMPLY WITH THE USGBC PRESCRIBED METHODS OF CONSTRUCTION.
 13. G.C. TO SCAN (E) SLAB PRIOR TO SAW-CUTTING.
 14. FOR TEMP. POWER REFER TO ELECTRICAL DRAWINGS.

CONSULTANT LOG:

REV	REVISION DESCRIPTION	DATE
1	BUILDING DEPT. BC01	06/13/24

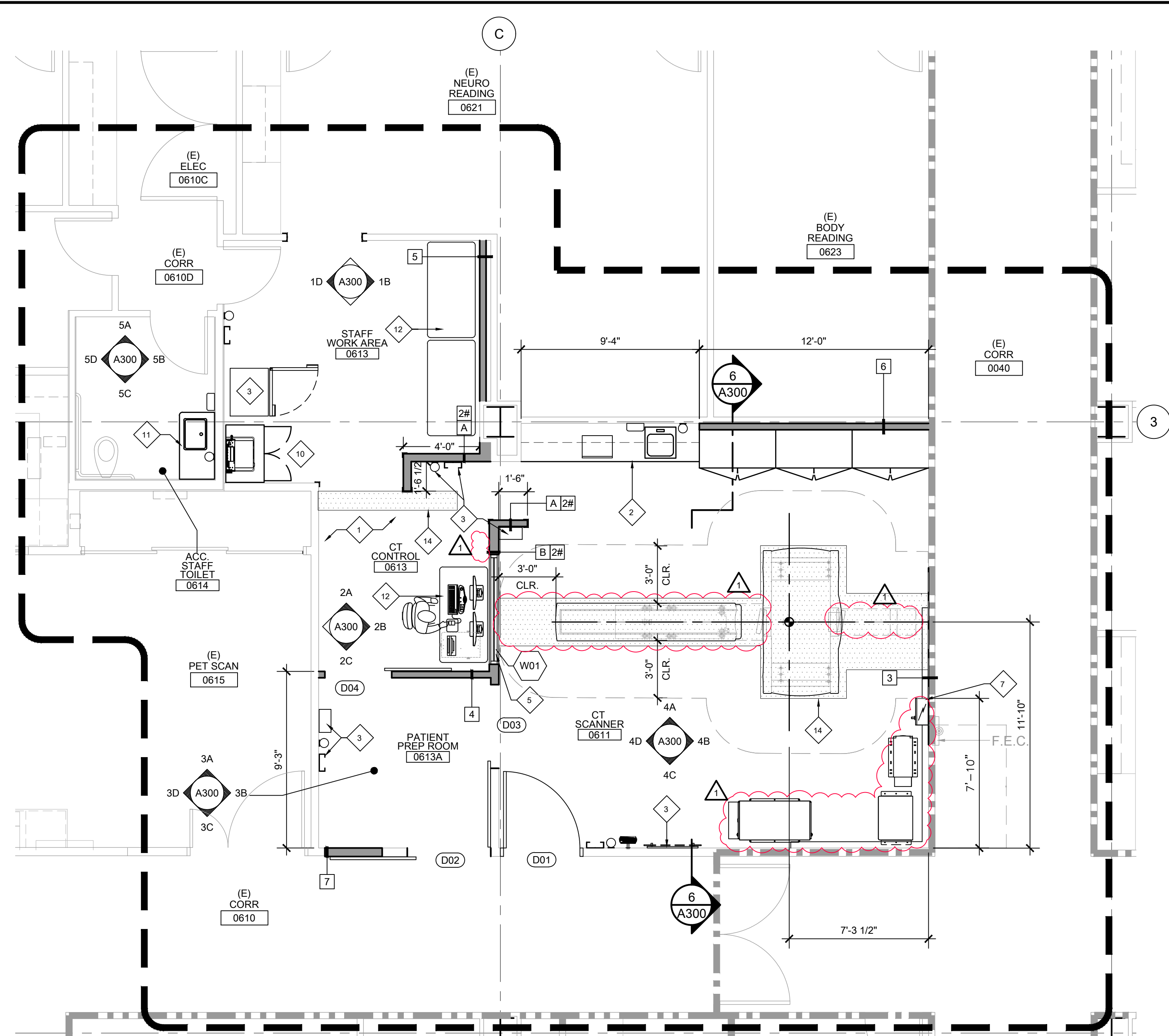
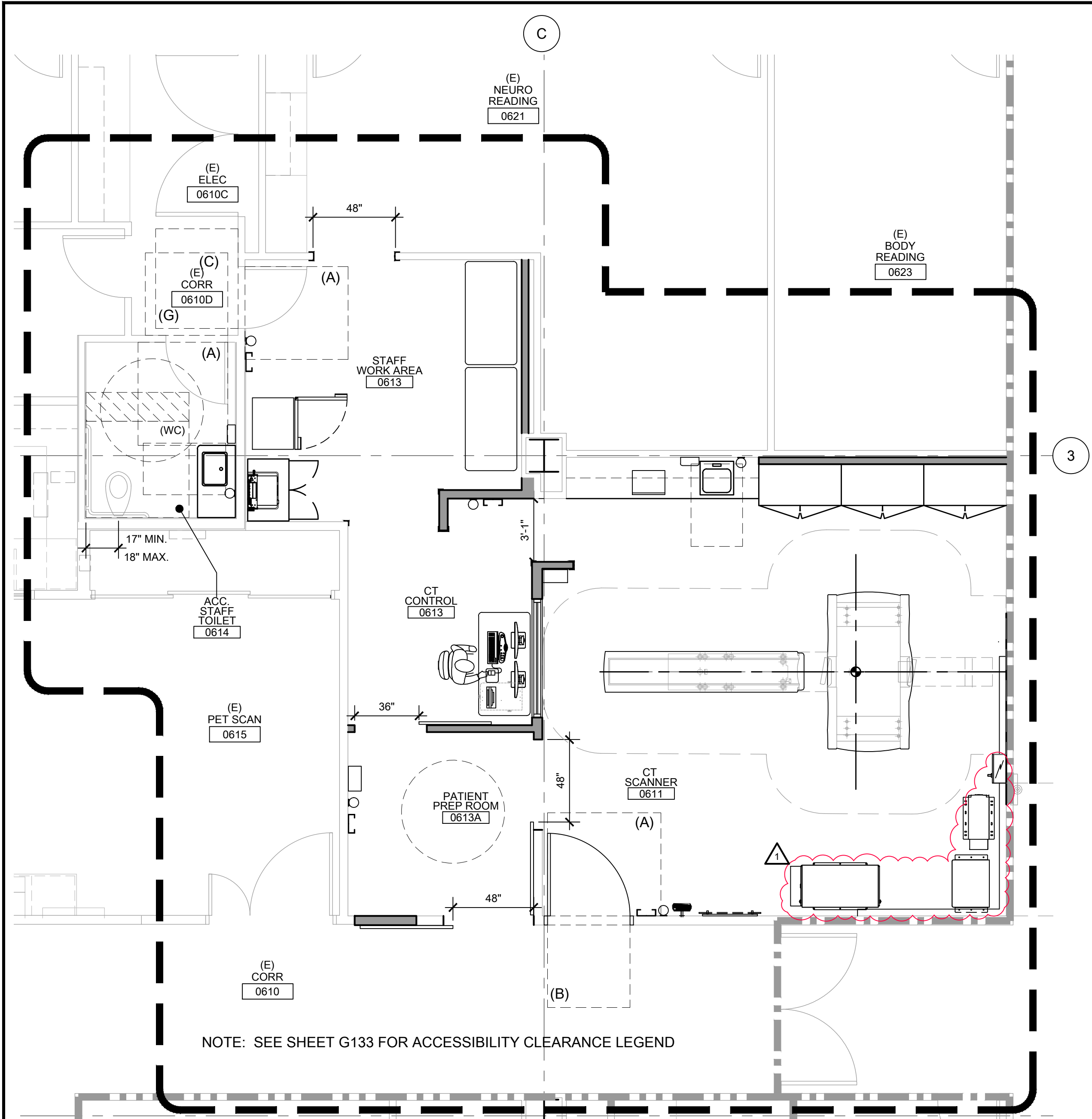
UCDAVIS HEALTH
 FACILITIES DESIGN & CONSTRUCTION
 4800 Q Street, Suite 100
 Sacramento, CA 95811
 www.nacht&lewis.com
 916.329.4000

CONSTRUCTION DOCUMENTS

PROJECT NO: 9557730
 COUNTY NO: n/a
 BUILDING: AMBULATORY CARE CENTER BLDG. #98
 FLOOR/WING: BASEMENT LEVEL
 PROJECT TITLE: UCDDH ACC 0611 RAD CT SCANNER REPLACEMENT
 SHEET TITLE: CT SCANNER BASEMENT FLOOR PLAN

ARCH/ENGR: J FLATH 9557730
 UCDC PROJECT MANAGER: AARON A SL AS SHOWN
 DESIGNED BY: SL 04/15/2024
 DRAWN BY: HT. CAD REVISION

SHEET NO: A111



RENOVATION KEYNOTES:
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1 FLOORING, SEE A710 F.A.I.
 2 CASEWORK, SEE INTERIOR ELEVATIONS ON A300 & DTL. ON A660 F.A.I.
 3 EQUIPMENT, SEE EQUIPMENT PLAN ON A810.
 4 WINDOW, SEE A710 F.A.I. MODIFY WALL FRAMING AS REQUIRED.
 5 WALL SURFACE DUCT S.E.D. F.A.I.
 6 CABINET, SEE A660 F.A.I.
 7 ACCESSIBLE CORIAN COUNTERTOP W/ LAVATORY 8254 (SEE DETAIL 14/G133 F.A.I.)
 8 FURNITURE BY UNIVERSITY SEE A810 F.A.I.
 9 NOT USED
 10 INFILL CONC. SLAB S.S.D. F.A.I.

DEMOLITION KEYNOTES:
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1 REMOVE (E) FLOORING. PREPARE SLAB FOR INSTALLATION OF (N) FLOORING.
 2 REMOVE (E) CASEWORK.
 3 (E) EQUIPMENT REMOVAL BY THE UNIVERSITY. CONTRACTOR TO CUT (E) ANCHORS & DRILL OUT TO 1/2" BELOW TOP OF SLAB, AS REQ'D. PATCH SLAB W/ NON-SHRINK GROUT TO LEVEL W/ FLOOR. SEE MECH. & ELEC. DWGS. F.A.I.
 4 (E) WALL.
 5 DEMO (E) WINDOW.
 6 DEMO (E) DOOR.
 7 (E) DOOR TO REMAIN.
 8 (E) CURTAIN TO BE REMOVED.
 9 REMOVE (E) EQUIPMENT S.E.D. F.A.I.
 10 REMOVE (E) GLOVE BOX & HAND SANITIZER DISPENSER.
 11 REMOVE (E) GYB BOARD TO ACCOMMODATE (N) WORK S.E.D. & S.P.D. F.A.I.
 12 (E) FOLDING TABLE BRACKET
 13 DEMO (E) WALL FURRING AND CHW PIPING SEE M-301 F.A.I.
 14 SAW CUT AND REMOVE (E) CONC. SLAB W/ FLOOR TRENCH AND INFILL AS REQ'D. S.S.D. F.A.I.
 15 REMOVE (E) RECESSED PAPER TOWEL DISPENSER, PATCH & REPAIR WALL SEE A710 FOR FINISHES.
 16 (E) SINK TO BE DEMOLISHED S.P.D. F.A.I.
 17 REMOVE (E) FLOOR TRENCH AND INFILL AS REQ'D. S.S.D. F.A.I.
 18 REMOVE (E) MIRROR PATCH & REPAIR WALL SEE A710 FOR FINISHES.

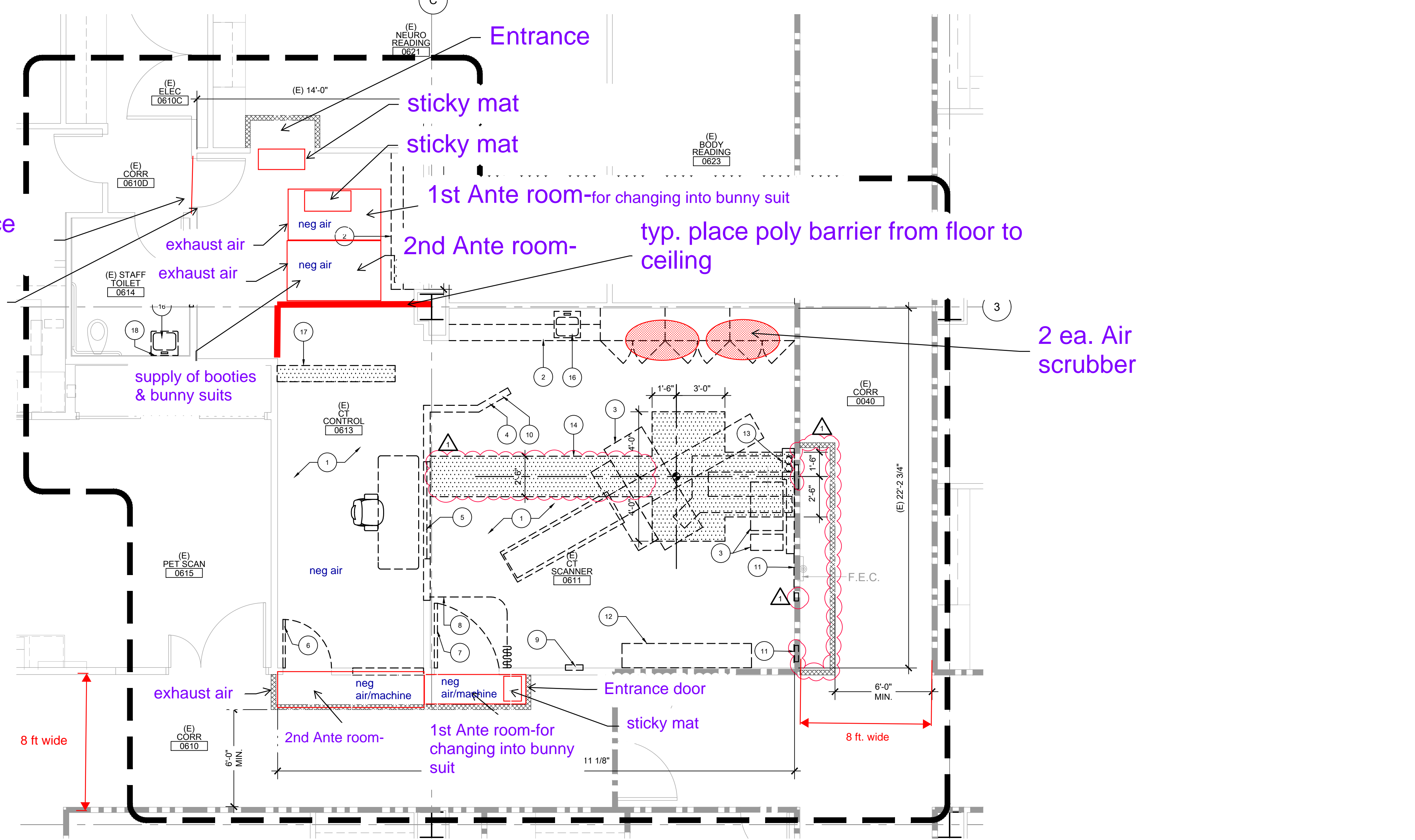
SHEET NOTES:
 THESE NOTES APPLY TO THIS SHEET ONLY U.O.N.
 1. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED AND SCHEDULED WITH BUILDING FACILITIES TO MINIMIZE IMPACT TO ON-GOING BUILDING OPERATIONS. GENERAL CONTRACTOR SHALL REASONABLY ESTIMATE SHUTDOWNS THAT WILL NEED TO OCCUR OUTSIDE STANDARD WORK HOURS AND PROVIDE A CORRESPONDING ALLOWANCE FOR AFTER HOURS WORK.
 2. THE DEMOLITION PLANS AND RELATED NOTES ARE GENERAL IN NATURE. THE PRIMARY PURPOSE OF THE DRAWING IS TO COMMUNICATE TO THE CONTRACTOR INFORMATION ABOUT EXISTING ELEMENTS THAT WILL REQUIRE DEMOLITION.
 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL INCIDENTAL WORK NECESSARY TO COMPLETE THE INSTALLATION OF NEW WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL OF EXISTING PORTIONS OF CONSTRUCTION WHETHER SHOWN OR NOT.
 4. GENERAL CONTRACTOR SHALL REVIEW AND VERIFY EXISTING CONDITION OF SITE PRIOR TO SUBMITTING A BID FOR THE PROJECT. GENERAL CONTRACTOR SHALL NOT BE ENTITLED TO ANY CHANGE IN CONTRACT PRICE OR TIME FOR CONDITIONS THAT COULD HAVE BEEN REASONABLY DISCOVERED PRIOR TO THE COMMENCEMENT OF DEMOLITION/CONSTRUCTION ACTIVITIES.
 5. OWNER RETAINS THE RIGHT OF FIRST REFUSAL FOR ALL REMOVED ITEMS. AS DIRECTED BY OWNER DELIVER ITEMS FOR STORAGE OR DISPOSE OF REMOVED ITEMS TO A LEGAL OFF-SITE DISPOSAL FACILITY.
 6. MAINTAIN ADEQUATE SITE AND BUILDING ACCESS AT ALL TIMES TO MAINTAIN LIFE/SAFETY AND CONTINUOUS TRAFFIC FLOW. RELOCATED (E) SIGNS AS REQ'D TO TO NEAREST EXIT DURING CONSTRUCTION. NO EXIT SIGNS SHALL BE BLOCKED.
 7. ITEMS AND/OR SYSTEMS TO BE ABANDONED ARE TO BE REMOVED IN TOTAL AND ANY DAMAGED SURFACE DUE TO REMOVAL ARE TO BE REPAIRED TO AN ACCEPTABLE FINISHED CONDITION.
 8. SEE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DWGS FOR RELATED DEMOLITION WORK.
 9. MAINTAIN ALL EXISTING FIRE RATED ASSEMBLIES TO PROVIDE CONTINUOUS FIRE PROTECTION. REPAIR/REPLACE ANY DAMAGED ASSEMBLIES TO MATCH (E) RATED ASSEMBLY.
 10. TEMPORARY BARRIER WALLS WILL BE REQUIRED AT VARIOUS TIMES DURING THE STAGES OF WORK. COORDINATE WITH THE UNIVERSITY TO DETERMINE THE TIMING OR SEQUENCE OF WHEN THE BARRIER WALLS WILL BE REQUIRED IN RELATIONSHIP TO THE STAGING OF WORK.
 11. SEE SHEET A710 FOR FINISH PLANS & SCHEDULES. SEE SHEET A810 FOR EQUIPMENT PLAN. FOR OUTLETS, ELEC. DRAWINGS AND SEE SHEET A300.
 12. THE GENERAL CONTRACTOR WILL COMPLY WITH THE USGBC PRESCRIBED METHODS OF CONSTRUCTION.
 13. G.C. TO SCAN (E) SLAB PRIOR TO SAW-CUTTING.
 14. FOR TEMP. POWER REFER TO ELECTRICAL DRAWINGS.

3 ACCESSIBILITY PLAN & EQUIP. CLEARANCES
 1/4" = 1'-0"

2 CT ROOM RENOVATION PLAN
 1/4" = 1'-0"

Scenario #2 (inability to maintain neg air in work space)

poly barrier w/ construction notice
 keep door locked



1 CT ROOM DEMOLITION PLAN
 1/4" = 1'-0"

CERTIFIED BUILDING OFFICIAL:

DESIGNATED CAMPUS FIRE MARSHALL:

nacht&lewis
 600 Q Street, Suite 100
 Sacramento, CA 95811
 www.nachtandlewis.com
 916.329.4000

DESIGN PROFESSIONALS OF RECORD:

UCDAVIS HEALTH
 FACILITIES DESIGN & CONSTRUCTION
 4800 2nd Avenue Suite 3010
 Sacramento, California 95817
 9161724-7034

CONSULTANT LOG:

REV	REVISION DESCRIPTION	DATE
1	BUILDING DEPT. BC01	06/13/24

CONSTRUCTION DOCUMENTS

PROJECT NO. 9557730
 COUNTY NO. n/a
 BUILDING: AMBULATORY CARE CENTER BLDG. #98
 FLOOR/WING: BASEMENT LEVEL
 PROJECT TITLE: UCDDH ACC 0611 RAD CT SCANNER REPLACEMENT
 SHEET TITLE: CT SCANNER BASEMENT FLOOR PLAN

ARCH./ENGR. J. FLATH
 UCLINIC PROJECT MANAGER AARON A. SL
 DESIGNED BY SL
 DRAWN BY HT.

FP&C JOB NO. 9557730
 SCALE AS SHOWN
 DATE 04/15/2024
 CAD REVISION

SHEET NO. A111

LEGEND:

- (E) DOOR
- (E) PARTITION
- (E) 1 HR. RATED WALL
- (E) PLAN ITEMS TO BE REMOVED
- DOOR REFER TO SHEET A710 F.A.I.
- WINDOW REFER TO SHEET A710 FOR WINDOW TYPES
- PARTITION REFER TO SHEET A620 FOR WALL TYPE
- CORNER GUARD, AND CAP REFER TO A660 & FINISH SCHEDULE LEGEND ON SHEET A710 F.A.I.
- AREA OF WORK
- FIRE RESISTIVE TEMPORARY CONSTRUCTION BARRIER: AIRE GUARDIAN AG SHIELD PANEL, STARC LITE BARRIER OR EQUAL
- CT SCANNER ISOCENTER
- RESTRICT SAWCUT (E) CONC. SLAB TO PARTIAL DEPTH AND HAND CHIP. SCAN SLAB PRIOR CUTTING SEE S2.01 F.A.I.

KEYPLAN: