Attachment A:

Project Name: MEB SOC Fit Out
Project # H235023

Infection Prevention Risk Assessment

Matrix of Precautions for Construction & Renovation

(Complete the 3-Step Assessment to Determine the Level of Infection Prevention Precautions Required)

Step 1:
Using the following table, *identify* the Type of *Construction Project Activity (Type A-D)*

Type A	**Inspection and Non-Invasive Activities.** Includes, but is not limited to: ▪ Removal of ceiling tiles for visual inspection limited to 1 tile per 6 ceiling tiles ▪ Painting (but not sanding) ▪ Wall covering, electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection.
Type B	**Small scale, short duration activities which create minimal dust.** Includes, but is not limited to: ▪ Installation of telephone and computer cabling ▪ Access to chase spaces ▪ Cutting of walls or ceiling where dust migration can be controlled
Type C	**Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies.** Includes, but is not limited to: ▪ Sanding of walls for painting or wall covering ▪ Removal of floor coverings, ceiling tiles and casework ▪ New wall construction ▪ Minor duct work electrical work above ceilings ▪ Major cabling activities ▪ Any activity which cannot be completed within a single work-shift.
Type D	**Major demolition and construction projects.** Includes, but is not limited to: ▪ Activities which require consecutive work shifts ▪ Requires heavy demolition or removal of a complete cabling system ▪ New construction

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Project Name: MEB SOC Fit Out

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Step 2:
Using the following table of Example Risk Units, *identify the Patient Risk Groups* will be affected.
If more than one risk group will be affected, select the higher risk group:

Low Risk	Medium Risk	High Risk	Highest Risk
▪ Office areas	▪ Cardiology	▪ CCU	▪ Any area caring for immunocompromised patients
	▪ Echocardiography	▪ Emergency Room	▪ Central Sterile Supply
	▪ Endoscopy	▪ Labor & Delivery	▪ Intensive Care Units
	▪ Nuclear Medicine	▪ Burn Unit	▪ Negative pressure isolation rooms
	▪ Physical Therapy	▪ Laboratories (specimen)	▪ Oncology
	▪ Radiology/MRI	▪ Cardiac Cath Lab	▪ Operating rooms including C-section rooms
	▪ Respiratory Therapy	▪ Newborn Nursery	▪ Surgical Units
		▪ Outpatient Surgery	
		▪ Medical Unit	
		▪ Pediatrics	
		▪ Pharmacy	
		▪ Post Anesthesia Care Unit	

Step 3:

Match the Patient Risk Group **(Low, Medium, High, Highest)** with the planned Construction Project Type **(A, B, C, D)** on the following matrix, to find the Class of Precautions **(I, II, III or IV)** or level of infection Prevention activities required.

Class I-IV **or** Color-Coded Precautions **are delineated on the following page**.

IC Matrix – Class of Precautions: Construction Project by Patient Risk

	Construction Project Type			
Patient Risk Group	TYPE A	TYPE B	TYPE C	TYPE D
LOW	**I**	**II**	**II**	**III/IV**
MEDIUM	**I**	**II**	**III**	**IV**
HIGH	**I**	**II**	**III/IV**	**IV**
HIGHEST	**II**	**III/IV**	**III/IV**	**IV**

Note: Infection Prevention approval will be required when the Construction Activity and Risk Level indicate that **Class III** or **Class IV** Prevention procedures are necessary.

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Project Name: MEB SOC Fit Out

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Description of Recommended Infection Prevention Precautions by Class

	During Construction Project	Upon Completion of Project
Class I	1. Execute work by methods to minimize raising dust from construction operations 2. Immediately replace a ceiling tile displaced for visual inspection	
Class II	1. Provide active means to prevent airborne dust from dispersing into atmosphere. 2. Water mist work surfaces to Prevention dust while cutting. 3. Seal unused doors with duct tape. 4. Block off and seal air vents. 5. Place dust mat at entrance and exit of work area. 6. Remove or isolate HVAC system in areas where work is being performed	1. Wipe work surfaces with disinfectant. 2. Contain construction waste before transport in tightly covered containers. 3. Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area. 4. Remove isolation of HVAC system in areas where work is being performed.
Class III	1. Remove or isolate HVAC system in area where work is being done to prevent contamination of duct system. 2. Complete all critical barriers i.e. sheetrock, plastic, to seal area from non-work area or implement Prevention cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins. 3. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. 4. Contain construction waste before transport in tightly covered containers. 5. Cover transport receptacles or carts. Tape covering unless solid lid.	1. Do not remove barriers from work area until completed project is inspected by Occupational Health and Safety and/or Health System Project Manager with consultation of Infection Prevention as necessary. 2. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. 3. Vacuum work area with HEPA filtered vacuums. 4. Wet mop area with disinfectant. 5. Remove isolation of HVAC system in areas where work is being performed.
Class IV	1. Isolate HVAC system in area where work is being done to prevent contamination of duct system. 2. Complete all critical barriers i.e. sheetrock, plastic, to seal area from non-work area or implement Prevention cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins. 3. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. 4. Seal holes, pipes, conduits, and punctures appropriately. 5. Construct vestibule and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave the work site. 6. All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area. 7. Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Prevention Department.	1. Remove barrier material carefully to minimize spreading of dirt and debris associated with construction. 2. Contain construction waste before transport in tightly covered containers. 3. Cover transport receptacles or carts. Tape covering unless solid lid. 4. Vacuum work area with HEPA filtered vacuums. 5. Wet mop area with disinfectant. 6. Remove isolation of HVAC system in areas where work is being performed.

Attachment B: Infection Prevention Construction Permit

Project Name: MEB SOC Fit Out

Project # H235023

Infection Prevention Construction Permit

Location of Construction: MEB 3rd Floor	Project Start Date: April 10th 2025
Project Manager: Chris Hodges	Estimated Duration: 365
Contractor Performing Work: P&M Mechanical	Permit Expiration Date: April 9th 2026
Supervisor: Nick Swinney	Telephone: 205-285-6641

Yes	No	Construction Activity	Yes	No	Infection Prevention Risk Group
		TYPE A: Inspection, non-invasive activity	x		GROUP 1: Low Risk
		TYPE B: Small scale, short duration, moderate to high levels			GROUP 2: Medium Risk
		TYPE C: Activity generates moderate to high levels of dust, requires greater 1 work shift for completion.			GROUP 3: Medium/High Risk
X		TYPE D: Major duration and construction activities requiring consecutive work shifts.			GROUP 4: Highest Risk

CLASS I

1. Executive work by methods to minimize raising dust from construction operations.
2. Immediately replace any ceiling tile displaced for visual inspection.
3. Minor Demolition for Remodeling.

CLASS II

1. Provides active means to prevent air-borne dust from dispersing into atmosphere.
2. Water mist work surfaces to Prevention dust while cutting.
3. Seal unused doors with duct tape.
4. Block off and seal air vents.
5. Wipe surfaces with disinfectant.
6. Contain construction waste before transport in tightly covered containers.
7. Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area.
8. Place dust mat at entrance and exit of work area.
9. Remove or isolate HVAC system in areas where work is being performed.

CLASS III

Date 1-16-25

Initial CJH

1. Obtain infection Prevention permit before construction begins.
2. Isolate HVAC system in area where work is being done to prevent contamination of the duct system.
3. Complete all critical barriers or implement Prevention cube method before construction begins.
4. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.
5. Do not remove barriers from work area until complete project is inspected and approved by Occupational Health and Safety and/or Health System Project Manager, with consultation of Infection Prevention as necessary.
6. Vacuum work with HEPA filtered vacuums.
7. Wet mop with disinfectant.
8. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.
9. Contain construction waste before transport in tightly covered containers.
10. Cover transport receptacles or carts. Tape covering.
11. Remove or isolate HVAC system in areas where work is being performed.

CLASS IV

Date

Initial

1. Obtain infection Prevention permit before construction begins.
2. Isolate HVAC system in area where work is being done to prevent contamination of duct system.
3. Complete all critical barriers or implement Prevention cube method before construction begins.
4. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.
5. Seal holes, pipes, conduits, and punctures appropriately
6. Construct vestibule and require all personnel to pass through this rooms they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave the work site.
7. All personnel entering work site are required to wear shove covers.
8. Do not remove barriers from work area until completed project is inspected and approved by Occupational Health and Safety, and Infection Prevention.
9. Vacuum work area with HEPA filtered vacuums.
10. Wet mop with disinfectant.
11. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.
12. Contain construction waste before transport in tightly covered containers.
13. Cover transport receptacles or carts. Tape covering.
14. Remove or isolate HVAC system in areas where is being done.

Additional Requirements:

1/16/25 CJH Date Initials	1-16-2 Date Initials
Permit Request By: Chris Hodges	Permit Authorized By:
Date: 1/16/25	Date
Infection Prevention Representative: Nikki McKee	
Date: 3/18/25	

Attached memoranda note Exceptions/ Additions to this permit.

Attachment C: Pre-Construction Risk Assessment

Project Name: MEB SOC Fit Out

Project # H235023

Step 1. Identify the areas surrounding the project area, assessing potential impact.

Unit Below	Unit Above	Lateral	Lateral	Behind	Front
Low	Highiest	Low	N/A	N/A	N/A
Risk Group	Risk Group	Risk Group	Risk Group	Risk Group	Risk Group

Step 2. Identify specific site of activity e.g., patient rooms, medication room, etc.

MEB 3rd Floor CNF 306, MEB 2nd Floor Offices, MEB 3rd Floor MECH RM.

Step 3. Identify issues related to: ventilation, plumbing, electrical in terms of the occurrence of probable outages.

An investigation will occur to identify areas impacted by plumbing and electrical outages.

Step 4. Identify containment measures, using prior assessment. What types of barriers? (E.g., solids wall barriers); Will HEPA filtration be required?

(Note: Renovation/construction area shall be isolated from the occupied areas during construction.)

ECU's will be used outside the project site. Existing doors and walls will serve as containment measures for the project.

Step 5. Consider potential risk of water damage. Is there a risk due to compromising structural integrity? (E.g., wall, ceiling, roof)

None are expected

Step 6. Consider impact of noise/vibration to surrounding occupants. How will it be mitigated?

Noise producing work will be limited to hours that do not impact patient care.

Step 7. Work hours: Can or will the work be done during non-patient care hours?

Work can be performed during non-patient hours but there are no plans to limit work to this time frame.

Step 8. Do plans allow for adequate number of isolation/negative airflow rooms?

N/A

Step 9. Do the plans allow for the required number & type of hand-washing sinks?

N/A

Step 10. Does the infection Prevention staff agree with the minimum number of sinks for this project?

(Verify with AIA Guidelines for types and area)

N/A

Step 11. Does the infection Prevention staff agree with the plans relative to clean and soiled utility rooms?

N/A

Step 12. Plan to discuss the following containment issues with the project team. E.g., traffic flow, housekeeping, debris removal (how and when)

See access route shown on attached floor plan.

Appendix: Identify and communicate the responsibility for project monitoring that includes Environmental Health and Safety concerns and risks. The Pre-Construction and Infection Prevention Risk Assessments may be modified throughout the project. Revisions must be communicated to the Project Manager.