VHA Infection Control Risk Assessment for Construction, Renovation and Maintenance

	4. When the work involves or impacts potable water systems including stagnation due to reduced usage, the piping shall be flushed twice a week or isolated from the main system. 5. Seal doors to prevent dust migration. 6. Contain all trash and debris in the work area. Perform daily cleaning and disposal of trash (covered) from work area using an identified exit route. 7. Any equipment, tools, or materials removed from the work area must be in sealed containers and/or cleaned of dust and debris prior to removal from the area. 8. 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. 9. 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. 10. Maintain clean surroundings when area is not contained by damp mopping or HEPA vacuuming surfaces at least daily.
Level III	**All control measures in Levels I and II and the following:** 1. Ensure availability of equipment for cleaning hands. 2. 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. 3. All barrier construction activities must be completed in a manner that prevents dust release. 4. Barriers must be hard barriers unless temporary to install final barrier. Barrier walls shall be inspected and approved prior to the start of demolition or construction. (If VA staff cannot inspect prior to 4:30PM, then the check will be the next business day.) 5. Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type). 6. Maintain .01 inches /water gauge negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors (unless a work specific waiver is approved by VHA's Office of Healthcare Engineering); this must be maintained continuously 24/7 for the duration of the project. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows is not required to be HEPA-filtered. Exhausting discharged air into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is prohibited. 7. Install a differential pressure sensing device (e.g., magnehelic, manometer, or digital monitoring) on exterior of work containment to continually monitor and document negative pressurization. The "ball in the wall" or similar apparatus are not acceptable.
Level IV	**All control measures in Levels I, II and III and the following:** 1. Containment must include an anteroom to ensure pressure control. Anteroom must be large enough for equipment staging, cart cleaning, workers' PPE and cleaning. 2. Worker clothing and/or PPE must be removed or clean and free of visible dust before leaving the work area anteroom. HEPA vacuuming of clothing or use of cover suits is acceptable. 3. Workers must wear shoe covers or have a method to clean shoes in anteroom. Shoe covers must be removed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be changed immediately.

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NTS

VHA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Table 6 - Minimum Infection Prevention and Control Measures Required Upon Completion of the Activity

Controls defined below shall be completed upon completion of the activity and inspected prior to terminating measures defined in Table 5.

Level of Precautions	Measures
Levels I - II	**Cleaning:** 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. **HVAC Systems:** 1. Remove isolation of HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. 2. Verify the HVAC systems meet original airflow and air exchange design specifications. **Water systems:** 1. Until the potable water system is activated and in use, flushing shall continue at least twice per week in accordance with VHA Directive 1061.
Levels III - IV	Construction areas must be inspected by an infection preventionist and engineering representative (and others as determined by the facility) for final activity/project close out and removal of infection prevention and control measures. **Work Area Cleaning:** 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. **Removal of Critical Barriers:** 1. 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. Additional cleaning may be needed after removal of critical barriers. 2. All barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers: i. Carefully remove screws and painter tape. ii. If dust will be generated during screw removal, use hand-held HEPA vacuum. iii. Drywall cutting is prohibited during removal process. iv. Clean all stud tracks with HEPA vacuum before removing outer hard barrier. v. Use a plastic barrier to enclose area if dust could be generated. **Negative Air Requirements:** 1. The use of negative air must be designed to remove contaminants from the work area. 2. Negative air devices (fans, filters, monitoring and documentation equipment) 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:** 1. Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed. 2. Verify that HVAC systems are clean and operational. 3. Verify and document through a TAB the HVAC systems meets original airflow and air exchange design specifications. **Water systems:** 1. Until the potable water system is activated and in use, flushing shall continue at least twice per week in accordance with VHA Directive 1061.

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BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD. Northbrook, IL 60062 T: 847.952.9362 www.bancroft-ae.com Bancroft Project No: 22-113

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VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE ICRA FORMS
Approved: Project Director
Phase: ISSUE FOR BID
BUILDING FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - TIER 2
Location: FARGO VA HEALTH CARE SYSTEM
Issue Date: 01/16/2024 Checked: DA Drawn: JM
Project Number: 437-21-210
Building Number:
Drawing Number: GI-105

VA FORM 08 - 6231

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Pre-Construction Risk Assessment (PCRA) Permit

This page must be posted at the entrance to the project area, or other designated area

Unique permit number:			
Location and brief description of construction/renovation/maintenance			
Project manager		Project start date	
Contact phone number		Completion date	
Contractor or lead shop		Permit expiration date	

Activity Type *Inspection/Upkeep, Small-scale, or Large-scale)*	

Activity Type	Control measures to be in place for the duration of the activity *(Check the box for the Activity Type to indicate the Control Measures)*
Inspection/Upkeep ◯	1. Immediately replace any ceiling tile, close access panels, etc., upon completion of work. 2. Site visits of construction area are required weekly by member of multi-disciplinary team. Site visits will be documented on standard checklist. 3. Site specific safety plan, task hazard analysis, and hazard communication required to be provided by the contractor and approved. 4. Must address identified hazards and controls that will be implemented to ensure minimal impact patients, employees, contractors and facility. 5. Communication and coordination plan for all affected areas
Small-scale ◯	**<u>All control measures in the row above</u> and the following:** 1. Hazard communication chemical inventory required to be provided by the contractor and approved. 2. ILSMs in place and staff trained on situation 3. Hot Work or burn permits in place and staff trained 4. LOTO procedures in place and staff trained on their use 5. Site visits will be reviewed using the criteria in standardized guide. 6. Daily inspections of the site are to be conducted by the General Contractor and documented on their daily log.
Large-scale ◯	**<u>All control measures in both rows above</u> and the following Activity Hazard Analyses and Control Plans as applicable (check all that apply):** 1. Excavation safety plan in place ☐ 2. Dust control plan in place ☐ 3. Pollution prevention plan in place ☐ 4. Dig safe paperwork in place ☐ 5. Crane lift plan in place ☐ a. Crane placement b. Crane swing c. Crane load evaluation 6. Fall protection plan in place and staff trained ☐ 7. Confined entry plan in place and staff trained ☐

Additional requirements:

Is an Infection Control Risk Assessment (ICRA) required for the Activity? Yes ◯ No ◯

Infection Prevention and Control signature:
Date:

Project Manager signature		Date	
Safety Officer signature		Date	
Chair, Construction Safety Committee signature		Date	

*The location of all Activity Hazard Analyses and Control Plans (excavation, dust, pollution, etc.) as applicable shall be identified on this permit and shall be made available to all workers on the job.

VHA Pre-Construction Risk Assessment (PCRA)

PCRA Introductory Information and Instructions

Use this template as a baseline for performing facility Pre-Construction Risk Assessments (PCRA) for Construction, Renovation, and Maintenance work (referred to as the "activity" in this document). The template provides minimum requirements for categorizing activity type(s) and safety risk to determine the level of precautions needed to prevent impact related to Construction, Renovation and Maintenance on patients, employees, and contractors.

Ensure that the activity statement of work and any drawings available are used for the PCRA assessment and included in the project file with the completed PCRA.

Communication and coordination of all types of activity with affected areas are to be included among the control measures. The development of communication and coordination plans must begin during the activity planning phase.

Facilities may customize this template to incorporate site-specific information and requirements.

NOTE: *<u>This VHA PCRA template pertains specifically to non-infection-related safety</u> for Construction, Renovation, and Maintenance activities. It must be used in conjunction with the VHA Infection Control Risk Assessment (ICRA) for the activity, if required, which specifically addresses infection risks outside the scope of this PCRA.*

<u>PERMIT</u>: See the last page of this document for a fillable permit form to be used for posting at the activity site.

Activity Location:

Activity Name, Number, and/or Brief Description:

Table 1 - Construction, Renovation, and/or Maintenance Activity Type and Control Measures

NOTE: *If any of the bulleted criteria in a higher activity type pertains to the work that will be done (even if the other criteria are in a lower type), use the higher activity type for the VHA PCRA.*

Controls defined in Table 1 for the activity must be in place before the activity begins and maintained until work is completed and the area is activated. <u>Control measures for each activity must also include the control measures in the preceding row(s)</u>.

As the activity progresses, a full re-evaluation of remaining activity type and risk is required prior to changing the level of control measures.

Activity Type determined from Table 1:

Activity Type and Description	Control Measures
<u>Inspection/upkeep</u> <u>generally defined as follows</u>: • Work can be completed in a single shift, not to exceed 10 hours. • Patients, employees and/or visitors may be in the area depending on the activity. • Work that does not create dust or debris. • Work that does not create vapors or fumes. • Removal of ceiling tile or access to mechanical or electrical chase for visual inspection that will not impair fire safety systems and are limited to 1 tile per 50 square feet with limited	1. Immediately replace any ceiling tile, close access panels, etc., upon completion of work. 2. Site visits of construction area are required weekly by member of multi-disciplinary team. Site visits will be documented on standard checklist. 3. Site specific safety plan, task hazard analysis, and hazard communication required to be provided by the contractor and approved where a contact is in place. For internal work the

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BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA FORMS
Approved: Project Director
Phase: ISSUE FOR BID
BUILDING FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - TIER 2
Location: FARGO VA HEALTH CARE SYSTEM
Issue Date: 01/16/2024
Checked: DA
Drawn: JM
Project Number: 437-21-210
Building Number:
Drawing Number: GI-106

VA FORM 08 - 6231

VHA Pre-Construction Risk Assessment (PCRA)

exposure time (not to exceed an hour for each tile) within the shift. • Minor interior updates (e.g., replacing floor or ceiling tiles, carpentry work to include hanging signage, and painting with hand tools) that do not create vibration or noise. • Limited building system maintenance that does not require Lock Out Tag Out (LOTO) such as plumbing on potable systems limited to faucet replacement, steam trap replacement etc. and electrical work such as replacement of bulbs, receptacles, or switches.	shop involved must work with Safety to ensure proper precautions are in place. 4. Must address identified hazards and controls that will be implemented to ensure minimal impact to patients, employees, contractors and facility. 5. Communication and coordination plan for all affected areas
Small scale Construction, Renovation and general maintenance/repair work, generally defined as follows: • Prolonged work that may take longer than a single shift but not exceeding six months. • Patients and employees are not to be in the area until activity is completed. • Work that creates some noise and vibration due to power tool use. • Selective demolition/removal of preexisting floor covering, casework, lay-in ceiling, or other architectural elements that may o disturb asbestos, lead or silica o create the potential for falling objects o create vibration and/or noise in excess of 80 dB(A) in surrounding areas. o cause penetrations in fire or smoke barrier • Plumbing work such as the installation of new sinks, showers and toilets and associated plumbing that requires utility outages or work on the steam system that may require: o LOTO o The use of compressed gas cylinders • Electrical work such as installation of conduit and wire for lighting, receptacles and switches for an area, the installation of conduit and wire for new devices such as terminal units, fans etc. Electrical work such as installation of cabling/wiring/conduit for a single device, installation of new device such as a light fixture that require LOTO. • Air Handler and/or fan shutdown/startup and HVAC work such as replacement of a single diffuser, single terminal unit, a single device and the installation of ductwork, diffusers, and terminal units for an area that may require: o Work on ladders o Rigging, hoisting or lifting of equipment or materials overhead • Modification of existing fire alarm and suppression systems requiring system outages and ILSMs or obstruction of exits and or impact on corridors. • Architectural, structural, or any other work that may cause vapors or fumes such as: o Roofing work o Flooring work o Painting or other large-scale use of such substances.	**All control measures in the row above and the following:** 1. Hazard communication chemical inventory required to be provided by the contractor and approved. 2. Where construction, Renovation and maintenance are done in an accredited facility, and ILSM assessment is required to be done and ILSMs put into place in accordance with TJC LS.01.02.01 and the local facility policy including Fire watch if necessary. Staff is trained and the ILSM is verified regularly 3. Hot Work or burn permits in place and staff trained 4. LOTO procedures in place and staff trained on their use 5. Site visits will be reviewed using the criteria in standardized guide. 6. Daily inspections of the site are to be conducted by the General Contractor or shop supervisor and documented on their daily log.
Large-scale construction, renovation, or maintenance generally defined as follows: • Work exceeding 6 months in duration. • Patients and employees are not to be in the area until activity is completed.	**All control measures in the two rows above and the following Activity Hazard Analyses and Control Plans (check all that apply):** 1. Excavation safety plan in place ☐ 2. Dust control plan in place ☐

VHA Pre-Construction Risk Assessment (PCRA)

• Excavation or heavy equipment use taking place o Dig safe required utility location o Trench safety o Dust control plan o Equipment exhaust, Noise, Vibration • Confined space entry required (permit required or not) • Requires crane work o General crane work o Lift over buildings • Includes elevated work o Roof work, fall protection o Window work, scaffolding and fall protection o Odor control • Welding, cutting or use of torches requiring burn permits • Demolition of building components and infrastructure including removal of multiple doors, walls, framing, ceilings, flooring, piping, electrical and HVAC that may o require asbestos, lead or silica abatement o create the potential for falling objects o create vibration and/or noise in excess of 90 dB(A) in surrounding areas. o cause breaches to fire or smoke barrier • The installation building components such as new walls, ceilings and doors including framing, drywall and associated plaster work that requires transport of significant materials through building and up elevators i.e., weight limits of floors and elevators • Plumbing work requiring LOTO and system shutdown and startup such as the installation of: o new medical gas systems, o steam/heating hot water, condensate systems, o Potable water and sanitary drainage, multiple sinks, showers and toilets including associated plumbing. • Electrical work such as installation of electrical feeders, distribution panels, conduit and wire for lighting, receptacles and switches for an area, the installation of conduit and wire for new devices such as terminal units, fans etc. requiring LOTO and system isolation. • Installation of fire alarm and suppression systems requiring outages of those systems and ILSMs or closure of exits/corridors • Mechanical work such as the installation of air handling equipment, associated ductwork, diffusers, heat exchangers, terminal units and controls requiring lifting and support of equipment and systems.	3. Pollution prevention plan in place ☐ 4. Dig safe paper work in place ☐ 5. Crane lift plan in place ☐ a. Crane placement b. Crane swing c. Crane load evaluation 6. Fall protection plan in place and staff trained ☐ 7. Confined entry plan in place and staff trained ☐

Table 2. Affected Adjacent Area Assessment

In addition to the minimum precautions noted above for the Activity Type, it is critical that the activity be coordinated with the areas adjacent to the activity to ensure operations in those areas are not disrupted or impacted. List the adjacent areas in Table 2 below and develop activity-specific coordination plans and associated communication plans with each area to address activity work that could impact or disrupt the operation of the areas, in general as follows:

- If adjacent area is **vacant** (e.g., work outside, construction of new building, etc.):
  - Coordination is typically not necessary other than potentially traffic flow and pedestrian access.

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BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

ISSUE FOR BID - 01/16/2024

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA FORMS	Phase: ISSUE FOR BID	Project Title: EHRM INFRASTRUCTURE UPGRADES - TIER 2	Project Number: 437-21-210
			Building Number
Approved: Project Director	BUILDING FULLY SPRINKLERED	Location: FARGO VA HEALTH CARE SYSTEM	Drawing Number: GI-107
		Issue Date: 01/16/2024 / Checked: DA / Drawn: JM	

VHA Pre-Construction Risk Assessment (PCRA)

- If adjacent area is **non-continuously occupied** (e.g., areas where outpatient care is provided, employee health, etc.):
  - Develop a list of activities that will potentially impact or disrupt the operation of the area (e.g., work involving noise, vibration or exit obstruction) and meet with POC to coordinate execution of work in a way that mitigates the impact (e.g., conduct work after hours).
- If adjacent area is **occupied continuously** (e.g., areas where inpatient care is provided, residential areas such as Community Living Centers, etc.):
  - Develop a list of activities that will potentially impact or disrupt the operation of the area (e.g., work involving noise, vibration or exit obstruction) and meet with POC to coordinate execution of work in a way that mitigates the impact (e.g., move affected party temporarily).

Area	**Service(s)/Type(s) of Area(s)** *(e.g., OR, Unit/Ward, Sterile Processing, Administrative, etc)**	**Point of Contact (POC)**	**POC Contact Information**	**Construction plan communicated to POC?**
Activity Area**				
Area Above				
Area Below				
Adjacent Area 1				
Adjacent Area 2				
Adjacent Area 3				
Adjacent Area 4				

* There may be more than one Service/type of area for each row. List all. The information entered on this table must be used in the ICRA if required.

** List the area(s) in which the construction/renovation/maintenance activity will occur.

Infection Control Risk Assessment (ICRA)

Consult with Infection Prevention and Control regarding the assessment of potential infection risks associated with the activity and the need for control measures. See VHA Directive 7715 and the VHA ICRA Template for more information.

Is an ICRA required for the Activity? Yes ○ No ◉

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BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
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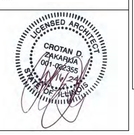

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Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA FORMS

Approved: Project Director

Phase: ISSUE FOR BID

BUILDING FULLY SPRINKLERED

ISSUE FOR BID - 01/16/2024

Project Title: EHRM INFRASTRUCTURE UPGRADES - TIER 2

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 01/16/2024 | Checked: DA | Drawn: JM

Project Number: 437-21-210

Building Number:

Drawing Number: GI-108

ILSM EVALUATION

[redacted] [redacted]

Evaluated Item	YES	NO	Joint Commission ILSM Administrative Actions	If answer is "Yes", see actions required to be taken	Training/Review Date
Will any exit be obstructed?			Ensuring unobstructed exits. When alternative exits have been designed, staff members in affected areas must receive additional training. Buildings or areas under construction must maintain escape routes for construction workers at all times, and the means of exiting construction areas are inspected daily.	Personnel in the building will receive training on alternate routes and exits Construction areas will have designated and marked exits to be clear at all times if necessary	Date: Date:
Will any entrance be obstructed to limit the access to emergency services?			Ensuring free and unobstructed access to emergency services and for fire, police, and other emergency forces.	The construction plans will be reviewed to ensure proper access and will be maintained	Date:
Will any fire detection or suppression system be impaired for > 4 hours in a 24 hour period?			Ensuring that the fire detection and suppression systems are in good working order. A temporary but equivalent system must be provided when any fire system is impaired. Temporary systems must be inspected and tested monthly.	Contractor will be briefed to schedule work to minimize time systems impaired and notify appropriate offices prior to system being impaired	Date:
Will construction be open to other areas without any smoke tight barriers?			Ensuring that temporary construction partitions are smoke tight and built of noncombustible of limited combustible materials that will not contribute to the development or spread of fire.	Contractor will be briefed at pre-construction conference of requirement	Date:
Will fire hazard be substantially higher?			Providing additional firefighting equipment and training staff in its use.	Contractor will be briefed at the pre-construction conference for the need to provide adequate firefighting equipment and training construction employees	Date:
Will smoking be permitted in construction areas?			Prohibiting smoking throughout the organization's buildings and in and near construction areas.	Refer to Fargo VA HCS Smoking Policy	Date:
Will storage, housekeeping and debris removal practices increase the fire load?			Developing and enforcing storage, housekeeping, and debris removal practices that reduce the building's flammable and combustible fire load to the lowest feasible level.	Contractor will be briefed at preconstruction conference of requirement	Date:

Evaluated Item	YES	NO	Joint Commission ILSM Administrative Actions	If answer is "Yes", see actions required to be taken	Training/Review Date
Will the fire hazard increase to justify extra fire drills?	☐	☐	Conducting a minimum of two fire drills per shift per quarter.	Safety Department will evaluate effects of work on life safety and determine if there is a need to increase frequency of drills	Date:
Will hazardous conditions substantially increase in or around the buildings to require extra surveillance activities?	☐	☐	Increasing hazard surveillance of buildings, grounds, and equipment, with special attention to excavations, construction areas, construction storage, and field offices.	A Fire Watch will be implemented as needed	Date:
Will structural features of fire safety be impaired?	☐	☐	Training staff to compensate for impaired structural or compartmentalization features of fire safety.	Personnel in the building will receive training in response for life safety deficiencies if necessary	Date:
Will this project affect the life safety features of all areas?	☐	☐	Conducting organization wide safety education programs to promote awareness of LSC building deficiencies, construction hazards, and ILSMs.	Staff will be made aware of deficiencies, hazards, and interim measures during personal contact, training, and/or information channels. ILSM will be posted by project site.	Date:
Other Life Safety Code considerations?	☐	☐		If Ceiling Tiles are out for more than 4 hours a fire watch will be implemented.	Date: Contractor will provide watch during work hours (M-Th 0700-1700, Fri 0700-1200) VA Police will provide watch during all other times.

ILSM Required: ☐ Yes ☐ No

ILSM Issue Date: Evaluation determines no ILSM needed

X
Prepared by

X
Reviewed By

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2 ILSM SAMPLE FORM 2 OF 2
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BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
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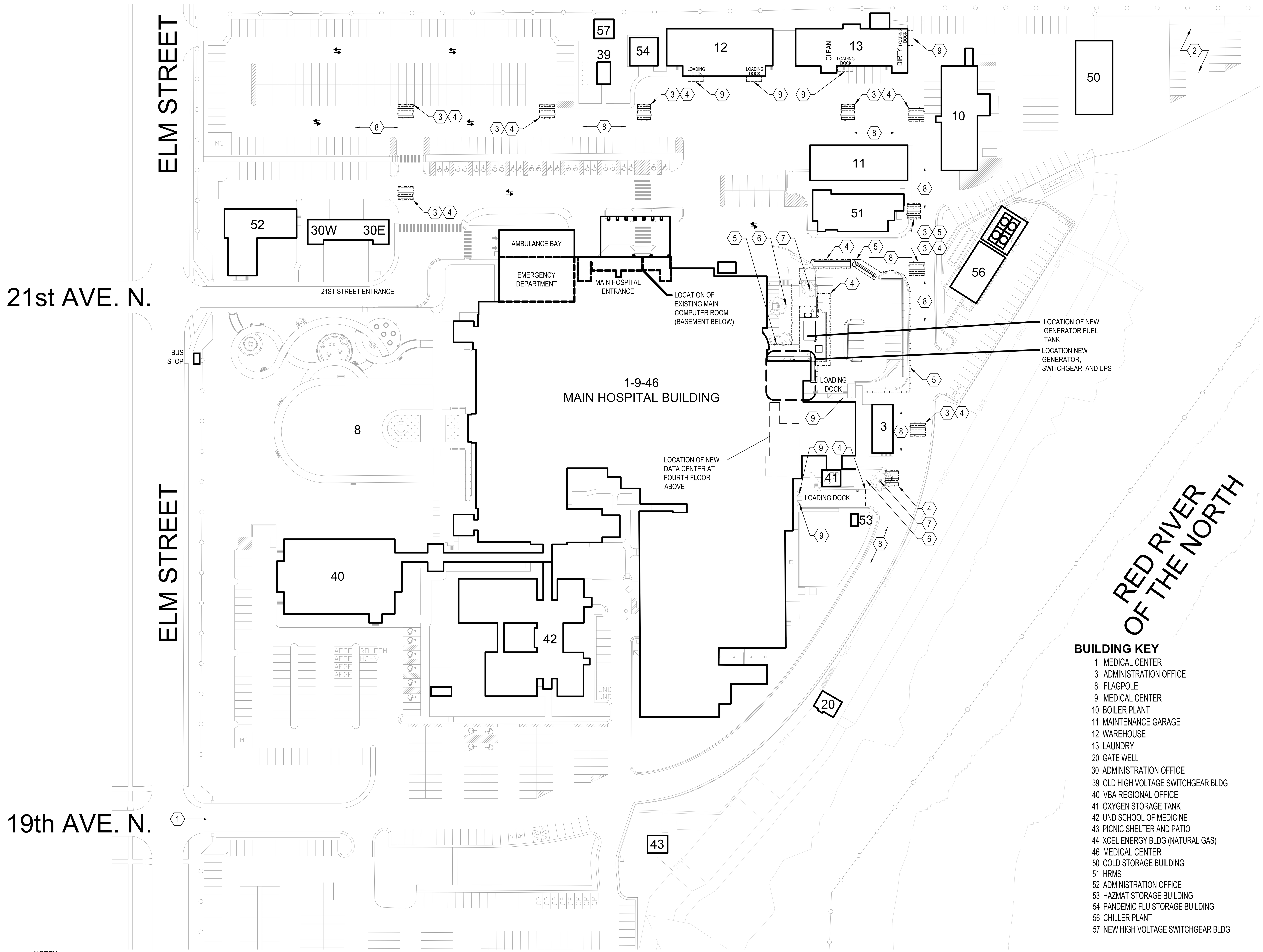
ISSUE FOR BID - 01/16/2024

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE ILSM FORMS
Approved: Project Director
Phase: ISSUE FOR BID
BUILDING FULLY SPRINKLERED
Project Title: EHRM INFRASTRUCTURE UPGRADES - TIER 2
Location: FARGO VA HEALTH CARE SYSTEM
Issue Date: 01/16/2024
Checked: DA
Drawn: JM
Project Number: 437-21-210
Building Number:
Drawing Number: GI-109



BUILDING KEY

- 1 MEDICAL CENTER
- 3 ADMINISTRATION OFFICE
- 8 FLAGPOLE
- 9 MEDICAL CENTER
- 10 BOILER PLANT
- 11 MAINTENANCE GARAGE
- 12 WAREHOUSE
- 13 LAUNDRY
- 20 GATE WELL
- 30 ADMINISTRATION OFFICE
- 39 OLD HIGH VOLTAGE SWITCHGEAR BLDG
- 40 VBA REGIONAL OFFICE
- 41 OXYGEN STORAGE TANK
- 42 UND SCHOOL OF MEDICINE
- 43 PICNIC SHELTER AND PATIO
- 44 XCEL ENERGY BLDG (NATURAL GAS)
- 46 MEDICAL CENTER
- 50 COLD STORAGE BUILDING
- 51 HRMS
- 52 ADMINISTRATION OFFICE
- 53 HAZMAT STORAGE BUILDING
- 54 PANDEMIC FLU STORAGE BUILDING
- 56 CHILLER PLANT
- 57 NEW HIGH VOLTAGE SWITCHGEAR BLDG

NORTH

1 GENERAL - TRAFFIC MANAGEMENT
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GENERAL NOTES

A. THIS SHEET IS FOR PROGRAM PURPOSES ONLY. GC SHALL PREPARE AND SUBMIT TRAFFIC MANAGEMENT PHASING PLAN(S) FOR VA/COR APPROVAL.

B. FARGO VA HEALTH CARE SYSTEM ROADWAYS SHALL REMAIN OPEN FOR PUBLIC ACCESS FROM MONDAY 12:01 AM THROUGH FRIDAY 11:59 PM.

C. AT NO POINT SHALL THE EMERGENCY ENTRANCE BE OBSTRUCTED FOR PASSAGE.

D. WEEKEND WORK CONSTRUCTION FOR FARGO VA HEALTH CARE SYSTEM SHALL OCCUR ONLY FROM SATURDAY 6:00 AM THROUGH SUNDAY 11:59 PM.

E. CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE VA FOR WEEKEND WORK TWO WEEKS PRIOR TO START DATE.

F. CONTRACTOR SHALL CLEAN FARGO VA HEALTH CARE SYSTEM ROADWAYS OF ALL CONSTRUCTION DEBRIS AT COMPLETION OF EVERY WORKDAY.

G. CONTRACTOR SHALL RECORD EXISTING PAVEMENT MARKINGS PRIOR TO COMMENCING TRENCHING. CONTRACTOR TO MATCH EXISTING PRIOR MARKINGS ON REPLACED PAVEMENT. CONTRACTOR TO RESTORE ANY DISTURBED PAVEMENT CUT TO EQUAL OR BETTER CONDITION. REFER TO CIVIL DRAWINGS FOR ADDITIONAL NOTES.

H. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO EXISTING SITE FEATURES AS TO NOT DAMAGE THEM DURING THE COURSE OF CONSTRUCTION.

I. CONTRACTOR SHALL REPAIR AND REPLACE IN KIND ANY ITEMS DAMAGED DURING CONSTRUCTION WORK TO LEAVE NO EVIDENCE OF REPAIR/REPLACEMENT/PATCH WORK.

J. SITE FEATURES CALLED OUT ON KEY NOTES ARE NOT TO BE TAKEN AS AN ALL INCLUSIVE LIST OF ALL ITEMS TO BE PROTECTED. PLEASE REFER TO ALL CONTRACT DOCUMENTS FOR SITE FEATURES.

K. CONTRACTOR SHALL PROVIDE PROTECTION ON EXISTING LANDSCAPING AS TO NOT DAMAGE EXISTING LANDSCAPING WITH FOOT TRAFFIC, DEBRIS, MACHINES AND/OR MATERIALS. ANY DAMAGED LANDSCAPING SHALL BE RESTORED TO PRE-CONSTRUCTION STATE.

L. CONTRACTOR SHALL COORDINATE ALL EXCAVATIONS WITH COR. PRIOR TO COMMENCING ANY EXCAVATIONS. CONTRACTOR SHALL PROVIDE A 3 WEEK LOOK AHEAD SCHEDULE AT EACH WEEKLY PROGRESS MEETING.

M. SITE PLAN SHOWN FOR REFERENCE ONLY. CONTRACTOR TO REFER TO CIVIL DRAWINGS FOR ALL CONDUIT/FIBER ROUTING INFORMATION.

N. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE SETUP, MAINTENANCE, AND MANPOWER NECESSARY TO IMPLEMENT TRAFFIC/PEDESTRIAN CONTROL THROUGHOUT THE LIFE OF THE CONSTRUCTION CONTRACT. DESIGN OF TRAFFIC/PEDESTRIAN WAYFINDING AND CONTROL SHALL UTILIZE THE LATEST MUNICIPAL UNIFORM TRAFFIC CONTROL DESIGN (MUTCD) AS GUIDANCE AND DESIGN PARAMETERS.

O. CONTRACTOR SHALL ENSURE EMERGENCY ACCESS WILL REMAIN AVAILABLE THROUGHOUT THE STATION FOR THE COURSE OF CONSTRUCTION. CONTRACTOR TO PROVIDE PROPOSED WORK SCHEDULE AND MOBILIZATION PLAN FOR VA REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION.

P. NO AREA OF THE STATION OR BUILDINGS SHALL BE ISOLATED.

Q. CONTRACTOR SHALL SUBMIT PLANS FOR ALTERNATE ROUTES FOR ROADWAYS AND WALKWAYS AND ALTERNATE ACCESS TO BUILDINGS AND FACILITIES FOR VA REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION.

R. CONTRACTOR SHALL CHECK WITH VA ABOUT OTHER SIMULTANEOUS PROJECTS THAT MAY IMPACT SCHEDULING AND/OR SEQUENCE OF WORK.

S. CONTRACTOR SHALL PROTECT SIGNAGE AND SHALL ASSUME CONCRETE FOUNDATION UNDER EACH SIGN THAT SHOULD BE PROTECTED DURING CONSTRUCTION.

T. REFER TO THE SPECIFICATIONS FOR APPROVED CONSTRUCTION SITE SECURITY MEASURES. CONTRACTOR TO PROVIDE SCHEDULE PRIOR TO START OF CONSTRUCTION INDICATING HOW LONG STAGING AREA WILL BE IN USE. WHEN CONSTRUCTION IS COMPLETE, CONTRACTOR TO REMOVE ALL CONSTRUCTION BARRIERS, MATERIAL AND DEBRIS.

LEGEND

- WORK IN THIS AREA TO BE PERFORMED ON WEEKENDS ONLY.
- TWO-WAY VEHICULAR ACCESS TO BE MAINTAINED.
- — X — X — CONSTRUCTION FENCING

⟨X⟩ PLAN KEY NOTES

1. CONSTRUCTION VEHICLE ENTRANCE.
2. CONTRACTOR VEHICLE PARKING.
3. LOCATION OF EXISTING FIBER OPTIC CABLE VAULT.
4. PROVIDE METAL FENCE WITH POLYETHYLENE PRIVACY SCREEN DURING CONSTRUCTION ACTIVITY. KEEP FENCING IN TIGHT PROXIMITY TO CONSTRUCTION AREA.
5. PROVIDE METAL FENCE WITH POLYETHYLENE PRIVACY SCREEN DURING CONSTRUCTION, DURING SEQUENCE OF WORK "G". KEEP FENCING IN TIGHT PROXIMITY TO CONSTRUCTION AREA. AVOID SCATTERING SOIL OUTSIDE OF THE TEMPORARY FENCING BOUNDARY DURING UNDERGROUND WORK.
6. CONTRACTOR SHALL PROTECT ALL LANDSCAPING (TYP. THROUGHOUT CAMPUS) AND SHALL RESTORE ANY DAMAGE TO ORIGINAL CONDITION.
7. CONTRACTOR TO PROTECT TREE AND ITS ROOTS (TYP. THROUGHOUT CAMPUS).
8. CONTRACTOR TO ENSURE TRAFFIC FLOW IN AT LEAST ONE DIRECTION DURING CONSTRUCTION. PROVIDE ALL REQUIRED SIGNAGE TO DIRECT TRAFFIC AND FLAGGERS AT ALL TIMES. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
9. ONE DELIVERY BAY SHALL REMAIN OPEN AT ALL TIME. COORDINATE WITH VA/COR.

ISSUE FOR BID - 01/16/2024

ISSUE FOR BID	01-16-24
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 22-113

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	GENERAL - TRAFFIC MANAGEMENT
Approved: Project Director	
Phase	ISSUE FOR BID
	BUILDING FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - TIER 2
Location	FARGO VA HEALTH CARE SYSTEM
Issue Date	01/16/2024
Checked	DA
Drawn	JM
Project Number	437-21-210
Building Number	
Drawing Number	GI-201

VA FORM 08 - 6231

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SEQUENCE OF WORK NOTES

THE INTENT OF THIS SEQUENCE OF WORK DRAWING IS TO PROVIDE AN EFFECTIVE METHOD TO MINIMIZE DISRUPTION TO EXISTING BASEMENT, FIRST FLOOR, SECOND AND THIRD FLOOR OPERATIONS AROUND THE THE WORK AREA.

SUGGEST THAT PHASING BE SEQUENCED AS FOLLOWS:

A. FOLLOWING ACTIVITIES CAN BE PERFORMED IN PARALLEL:
- A.A. ORDER ALL EQUIPMENT (INCLUDING TEMPORARY EMERGENCY GENERATOR)
- A.B. BUILD OUT 4TH FLOOR DATA CENTER
  - A.B.A. DEMOLITION OF THE FOURTH FLOOR LIBRARY, INCLUDING ASSOCIATED CORRIDORS SERVING THE LIBRARY. THE GENERAL CONTRACTOR SHALL GIVE SPECIAL CONSIDERATION TO THE FOLLOWING:
    - A.B.A.A. TEST FIRE ALARM SYSTEM. INSTALL BRIDGE CONNECTION TO KEEP PORTION OF FIRE ALARM IN NON–PROJECT AREAS ACTIVE; DISCONNECT FIRE ALARM IN PROJECT AREA.
    - A.B.A.B. BAG–AND–TAG LIGHTING, PA COMPONENTS, FIRE ALARM, ETC AND REPLACE IN EXACT LOCATIONS AFTER STRUCTURAL WORK.
    - A.B.A.C. REMOVAL OF EXISTING AUTOMATIC SPRINKLER HEADS SHALL BE COORDINATED WITH REMOVAL OF EXISTING ACOUSTICAL CEILING TILES. INSTALL TEMPORARY UPRIGHT AUTOMATIC SPRINKLER HEADS AS REQUIRED.
    - A.B.A.D. MAINTAIN AHU OPERATION AND DUCTWORK FOR SYSTEMS THAT MUST REMAIN ONLINE. SEVERAL ADJOINING SPACES, INCLUDING AT THE FLOOR BELOW, WILL BE IMPACTED BY THIS WORK.
    - A.B.A.E. DISCONNECTION AND REMOVAL OF EXISTING SANITARY AND DOMESTIC WATER LINES SERVING THE EXISTING FOURTH FLOOR TOILET ROOM AND MOP RECEPTOR.
    - A.B.A.F. REMOVAL OF EXISTING FIREPROOFING FROM EXISTING LIBRARY ROOF TRUSSES AND FRAMING MEMBERS WITHIN THE AREA OF THE MCR.
    - A.B.A.G. INSTALLATION OF FIRE–RATED COATING ON THESE SAME TRUSSES AND FRAMING MEMBERS.
  - A.B.B. ROOF DRAIN DEMOLITION AND OTHER ROOF MODIFICATION (DEMOLITION AND NEW) WORK AT THE ROOF ABOVE THE FOURTH FLOOR LIBARARY. THE GENERAL CONTRACTOR SHALL GIVE SPECIAL CONSIDERATION TO THE FOLLOWING:
    - A.B.B.A. ALL ROOF WORK AND INSTALLATION OF NEW DOWNSPOUTS TO BE COMPLETED PRIOR TO COMMENCEMENT OF THE NEW WORK OF CONSTRUCTING THE DATA CENTER.
  - A.B.C. AT THIRD FLOOR ROOF ADJACENT TO FOURTH FLOOR LIBARARY:
    - A.B.C.A. PREP ROOF TO RECEIVE NEW ROOF STAIR AND CONDENSER UNITS.
    - A.B.C.B. INSTALLATION OF GUARD RAILS.
    - A.B.C.C. INSTALLATION OF NEW ROOF STAIR AND CONDENSER UNITS.
  - A.B.D. REMOVAL OF THIRD FLOOR CEILINGS BELOW THE FOURTH FLOOR LIBRARY IN PREPARATION TO:
    - A.B.D.A. INSTALL NEW STRUCTURAL COMPONENTS.
    - A.B.D.B. INSTALL FIBER OPTIC CABLING (FOC) 'A' AND 'B' ROUTES TO SERVE THE FOURTH FLOOR ABOVE.
  - A.B.E. CONSTRUCTION OF FOURTH FLOOR DATA CENTER, INCLUDING THE MAIN COMPUTER ROOM AND NEW WORK TO OCCUR IN CORRIDORS SERVING THE LIBARARY.
- A.C. BUILD OUT ROOMS 97 AND 98 AND OUTDOOR EQUIPMENT
  - A.C.A. INSTALL TEMPORARY EMERGENCY GENERATOR FOR BUILDING 1 AND TRANSFER BUILDING 1 EMERGENCY LOADS TO TEMPORARY GENERATOR.
    - A.C.A.A. BLDG 1 IS OPERATING ON TEMP GENERATOR.
  - A.C.B. DEMOLITION AND BUILD OUT ROOM E97 AND E98 AND OUTDOOR MECHANICAL AND ELECTRICAL EQUIPMENT INSTALLATION.
  - A.C.C. AT FIRST FLOOR ROOF WEST OF GENERATOR ROOM BE–98:
    - A.C.C.A. PREP ROOF TO RECEIVE NEW CONDENSER UNITS.
    - A.C.C.B. INSTALLATION OF NEW CONDENSER UNITS.
    - A.C.C.C. COORDINATION OF WALL / ROOF PENETRATIONS AND CHASE FROM UPS ROOM UP TO ROOF WILL BE REQUIRED FOR REFRIGERANT LINES.
    - A.C.C.D. INSTALL NEW DRY PIPE FIRE PROTECTION SYSTEM.
    - A.C.C.E. INSTALL NEW AUTOMATIC SPRINKLER HEADS IN DESIGNATED AREAS
  - A.C.D. AT ROOF ABOVE LOBBY AND WAITING 1C–36:
    - A.C.D.A. PREP ROOF TO RECEIVE NEW CONDENSER UNITS.
    - A.C.D.B. INSTALLATION OF NEW CONDENSER UNITS.
  - A.C.E. COORDINATE WALL/ROOF PENETRATIONS FOR REFRIGERANT PIPING AND ELECTRICAL CONDUIT.
- A.D. BUILD OUT NEW EMERGENCY POWER DISTRIBUTION FOR TR'S TO BLDGS 1, 9, 40, 46 (DO NOT TERMINATE)
  - A.D.A. BUILD OUT BUILDING 1 EMERGENCY POWER SYSTEM CONDUITS, PANELS AND WIRING TO ULTIMATELY POWER TR'S IN BUILDINGS 1, 9, 40 AND 46 FROM THE NEW BUILDING 1 EMERGENCY GENERATOR.
  - A.D.B. INSTALLATION AT EXISTING TRS OF:
    - A.D.B.A. INSTALL COMPONENTS AT BUILDING 40, TR 1021, TO PREPARE THE ROOM TO SERVE AS ENTRANCE ROOM B (FOR A FUTURE SERVICE PROVIDER).
- A.E. CIVIL WORK AT LOADING DOCK INCLUDES:
  - A.E.A. TREE PROTECTION
  - A.E.B. EXISTING UTILITY VERIFICATION/POTHOLING/SD INVERT VERIFICATION/PROTECTION
  - A.E.C. DEMOLITION OF EXISTING SITE WORK
  - A.E.D. SIDEWALK/FLATWORK/PARKING/CURB
  - A.E.E. RETAINING WALL

NOTE: VERIFY BOTTOM OF FOOTINGS OF BUILDING FOUNDATION PRIOR TO REMOVAL OF RETAINING WALL AND RETAINED MATERIAL AND REPORT TO THE VA AND A/E FOR RECORD.

NOTE: VERIFY DIMENSIONS AND DEPTH OF EXISTING UNDERGROUND VAULT

- A..E.A. FUEL TANK REMOVAL AND POTENTIAL SOIL REMEDIATION
- A..E.B. SITE ROUGH GRADING
- A..E.C. RETAINING WALL INSTALLATION
- A..E.D. FOOTINGS AND STEM WALLS FOR ENCLOSURE AND STAIRS
- A..E.E. UTILITY TRENCHING
- A..F. SUBGRADE PREPARATION AND UTILITY INSTALLATION AND BACKFILLING
  - A..F.A. EXTERIOR STAIR CONSTRUCTION
  - A..F.B. FOOTING/SLAB FOR GENERATOR EXHAUST SUPPORT FRAME
  - A..F.C. SITE FLATWORK
  - A..F.D. STRUCTURAL SLABS
- A..G. CAN INSTALL EXTERIOR EQUIPMENT
  - B...A. CONSTRUCTION OF STEEL ENCLOSURE AND GENERATOR EXHAUST SUPPORT FRAMING

B. ENERGIZE NEW BLDG 1 EMERGENCY GENERATOR AND NEW UPS B (REMOVE TEMP GENERATOR)

C. POPULATE 4TH FLOOR DATA CENTER WITH NEW IT EQUIPMENT
- C.A. DATA CENTER MUST BE CLEAN AND DUST FREE PRIOR TO INSTALLATION OF ANY ICT COMPONENTS, INCLUDING:
  - C.A.A. SERVER CABINETS
  - C.A.B. OPTICAL FIBER PANELS
  - C.A.C. COPPER PATCH PANELS
  - C.A.D. OVERHEAD BUSSWAYS FOR UPS A AND UPS B
  - C.A.E. NEW ELECTRICAL PANELS IN ELECTRIC CLOSET
  - C.A.F. NEW FIRE ALARM COMPONENTS
  - C.A.G. CONNECT FIRE ALARM SYSTEM TO INNERT GAS SYSTEM
- C.B. SUPPORTS FOR NEW CRAC UNIT RETURN DUCTWORK MUST BE MADE TO THE EXISTING OR NEW STRUCTURE AND COORDINATED WITH NEW FIREPROOFING SYSTEMS, AND POSSIBLY PRIOR TO FIREPROOFING INSTALLATION, TO ENSURE CONTINUOUS RATING PROTECTION.

D. VA IT TO PERFORM CUT–OVER / MIGRATION TO NEW 4TH FLOOR DATA CENTER (POWER WILL BE PROVIDED FROM NEW EM GEN AND NEW UPS B)
- D.A. ENERGIZE NEW EMERGANCY GENERATOR AND TRANSFER ALL BUILDING ONE EMERGENCY LOADS ONTO THE NEW EMERGENCY GENERATOR.
- D.B. TRANSFER BUILDING 1, 9, 46 AND 40 TR LOADS FROM EXISTING EMERGENCY POWER TO BUILDING 1 EMERGENCY POWER
- D.C. ENERGIZE UPS B
- D.D. ENERGIZE MCR FROM NEW EMERGENCY GENERATOR AND FROM UPS B.
- D.E. VA IT TO ENERGIZE NEW MCR IT EQUIPMENT.

E. DECOMMISSION OLD DATA CENTER
- E.A. NEW FORTH FLOOR DATA CENTER MUST BE COMPLETELY UP AND RUNNING BEFORE ANY DECOMMISSIONING OR DEMOLITION WITHIN EXISTING COMPUTER ROOM MAY COMMENCE.
- E.B. ALL BACKBONE CABLING FOR ROUTE 'B' BUT BE CROSS–CONNECTED AND LIVE BEFORE ANY DECOMMISSIONING OF EXISTING CONNECTIONS WITHIN EXISTING COMPUTER ROOM MAY COMMENCE.
  - E.B.A. NOTE: OLD DATA CENTER IN ROOMS BC–50 AND BC–60 CAN NOW BE DECOMMISSIONED AND REMOVED.
- E.C. AFTER NEW FORTH FLOOR DATA CENTER IS UP AND RUNNING AND ALL CABLING CROSS–CONNECTS FOR ROUTE 'B' HAVE BEEN CONFRIMED AS ACTIVE, ROUTE 'A' OPTICAL FIBER TO EXISTING COMPUTER ROOM BC–50 IS TO BE CUT AND SPLICED INTO NEW OPTICAL FIBER CABLING TO MDA 'A' IN FORTH FLOOR DATA CENTER.
- E.D. DECOMMISSIONING AND DEMOLITION OF COMPUTER ROOM BC–50 AND UPS BC–50A.
- E.E. EXISTING BC–50 DATA CENTER CONTINUOUS OPERATING FROM MONOLITHIC UPS A AND EXISTING EMERGENCY POWER.
- E.F. IT TO POPULATE EQUIPMENT IN NEW FOURTH FLOOR DATA CENTER.
- E.G. WHILE NEW FOURTH FLOOR DATA CENTER IS BEING POWERED FROM NEW UPS B, TRANSFER DATA CENTER BUSWAYS FROM EMERGENCY POWER TO MONOLITHIC UPS A.
- E.H. WHEN NEW FOURTH FLOOR DATA CENTER IS FULLY POPULATED, SHUT DOWN MONOLITHIC UPS A AND RELOCATE THE UPS TO NEW BLDG 1 LOCATION.
- E.I. RELOCATE MONOLITHIC UPS A FROM BC–50 TO ROOM 97 AND ENERGIZE.
- E.J. (4TH FLOOR DATA CENTER IS NOW ENERGIZED FROM MONOLITHIC UPS–A AND UPS–B) CUT–OVER TR'S IN BLDGS 1, 9, 40 AND 46 TO NEW BLDG 1 EM GEN (ALL TR'S ARE NOW ENERGIZED FROM MONOLITHIC UPS–A AND BLDG 1 EMERGENCY GENERATOR) WORK WITHIN TELEPHONE EQUIPMENT ROOM BC–60, INCLUDING:
  - E.J.A. REMOVAL OF THE EXISTING LAY–IN CEILING SYSTEM.
  - E.J.B. REMOVAL OF EXISTING CRAC UNITS.

F. CAMPUSWIDE CLEANUP AND MONITORING]
- F..A. FINAL COMMISSIONING ACTIVITIES.
- F..B. FINAL PROJECT WIDE PUNCHLIST.
- F..C. FINAL PROJECT WIDE CLEAN UP.

GENERAL SEQUENCE OF WORK NOTES

1. THE INTENT OF THESE SEQUENCE OF WORK DRAWINGS ARE TO PROVE A METHOD TO MINIMIZE DISRUPTION TO THE OPERATIONS OF THE MAIN HOSPITAL BUILDING (1–9–46), BUILDING 40, THE VARIOUS BUILDINGS THAT ARE INCLUDED IN THE PROJECT SCOPE OF WORK, AND VEHICULAR TRAFFIC AND PARKING AREAS THAT SERVE THESE BUILDINGS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE VA COR A FINAL CONSTRUCTION PHASING PROGRAM THAT MEETS THE PERIOD OF PERFORMANCE SCHEDULE ESTABLISHED BY THE VA.
2. THE GENERAL CONTRACTOR SHALL PROVIDE FOR ALL SUB– PHASE ACTIVITIES AS REQUIRED FOR WORK OCCURRING BETWEEN THE VARIOUS MAIN PHASES.
3. THE GENERAL CONTRACTOR SHALL ENSURE COMPLIANCE WITH ALL NOTES AND PROTOCOLS IDENTIFIED ON DRAWINGS GI–011 THROUGH GI–013.
4. THE GENERAL CONTRACTOR SHALL ENSURE COMPLIANCE WITH INFECTION CONTROL REQUIREMENTS AS IDENTIFIED ON DRAWINGS GI–101 THROUGH GI–109.
5. THE GENERAL CONTRACTOR SHALL ENSURE COMPLIANCE WITH ALL DIVISION 01 SPECIFICATIONS.
6. THE GENERAL CONTRACTOR SHALL REFER TO ALL DEMOLITION AND CONSTRUCITON DRAWINGS AND ALL WRITTEN SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE SCOPE OF WORK.
7. THE GENERAL CONTRACTOR SHALL TAKE NOTE OF AND FULLY UNDERSTAND ALL EXISTING FIRE PROTECTION, PLUMBING, MECHANICAL, ELECTRICAL AND IT SERVICES AND SYSTEMS THAT ARE SCHEDULED TO REMAIN. ALL EXISTING SERVICES AND SYSTEMS TO REMAIN SHALL BE ENSURED BY THE GENERAL CONTRACTOR TO BE FULLY OPERATIONAL AND FUNCTIONAL FOR THE COMPLETE DURATION OF THE WORK.
8. THE GENERAL CONTRACTOR SHALL TAKE NOTE THAT ALL STATION BUILDINGS SHALL BE OCCUPIED DURING THE COURSE OF THE WORK.
9. THE GENERAL CONTRACTOR SHALL MAINTAIN EXISTING BUILDING EGRESS PASSAGEWAYS AND EGRESS / EXIT DOORS THROUGHOUT THE DURATION OF THE WORK OR PROVIDE FOR CODE COMPLIANT, ALTERNATE MEANS OF EGRESS THAT IS ACCEPTABLE TO THE VA.
10. NORMAL HOURS OF OPERATION ARE 8:00 A.M. TO 4:30 P.M. ALL CONSTRUCTION ACTIVITIES THAT ARE A CAUSE FOR NOISE OR VIBRATION SHALL OCCUR DURING OFF NORMAL HOURS, UNLESS OTHERWISE APPROVED IN ADVANCE IN WRITING FROM THE COR.
11. SERVICE INTERRUPTION REQUIREMENTS SHALL BE SUBMITTED TO THE COR FOR APPROVAL IN ADVANCE IN A TIME AS ESTABLISHED IN THE SPECIFICATIONS.
12. SUBJECT TO FINAL APPROVAL OF THE COR – ONLY ONE (1) FULL LENGTH OF INTERIOR BUILDING CORRIDOR AT EACH FLOOR LEVEL MAY BE WORKED ON AT A TIME.
13. SUBJECT TO FINAL APPROVAL OF THE COR – WHEN INSTALLING EXTERIOR SITE 'B' ROUTE FIBER OPTIC CABLE BETWEEN BUILDINGS, INSTALL ONLY ONE LEG BETWEEN TWO MANHOLES AT A TIME.
14. AT BUILDING INTERIORS – PRIOR TO BEGINNING DEMOLITION OR CONSTRUCTION WORK OF EACH SEQUENCE, THE GENERAL CONTRACTOR SHALL FIRST INSTALL ICRA BARRIERS AS REQUIRED TO FULLY CONTAIN EACH AREA OF WORK.
15. AT BUILDING INTERIORS – AT THE COMPLETION OF ALL WORK OF EACH SEQUENCE, THE GENERAL CONTRACTOR SHALL FULLY CLEAN EACH AREA OF WORK AS PRESCRIBED IN THE PROJECT ICRA REQUIREMENTS AND REMOVE THE ICRA BARRIERS.
16. AT AREAS OF EXTERIOR SITE WORK – PRIOR TO BEGINNING DEMOLITION OR CONSTRUCTION WORK OF EACH SEQUENCE, THE GENERAL CONTRACTOR SHALL FIRST INSTALL CONSTRUCTION FENCING, BARRIERS AND PHYSICAL TRAFFIC CONTROL MEASURES AS PRESCRIBED IN THE SPECIFICAITONS.
17. AT AREAS OF EXTERIOR SITE WORK – AT THE COMPLETION OF ALL WORK OF EACH SEQUENCE, THE GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCITON FENCING, BARRIERS AND PHYSICAL TRAFFIC CONTROL MEASURES, AND RETURN THE AREA OF WORK TO A POWER WASHED CLEAN CONDITION.
18. THESE GENERAL SEQUENCE OF WORK NOTES APPLY TO ALL SEQUENCE OF WORK DRAWINGS.

SEQUENCE LEGEND

SEQUENCE "A" SEQUENCE "B" SEQUENCE "C"

SEQUENCE "D" SEQUENCE "E" SEQUENCE "F"

ISSUE FOR BID - 01/16/2024

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ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS

3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 22-113

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LICENSED ARCHITECT
CROTAN D. ZAKARIJA
001-022355
STATE OF ILLINOIS

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - CONSTRUCTION SEQUENCE OF WORK NOTES

Approved: Project Director

Phase: ISSUE FOR BID

BUILDING FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - TIER 2

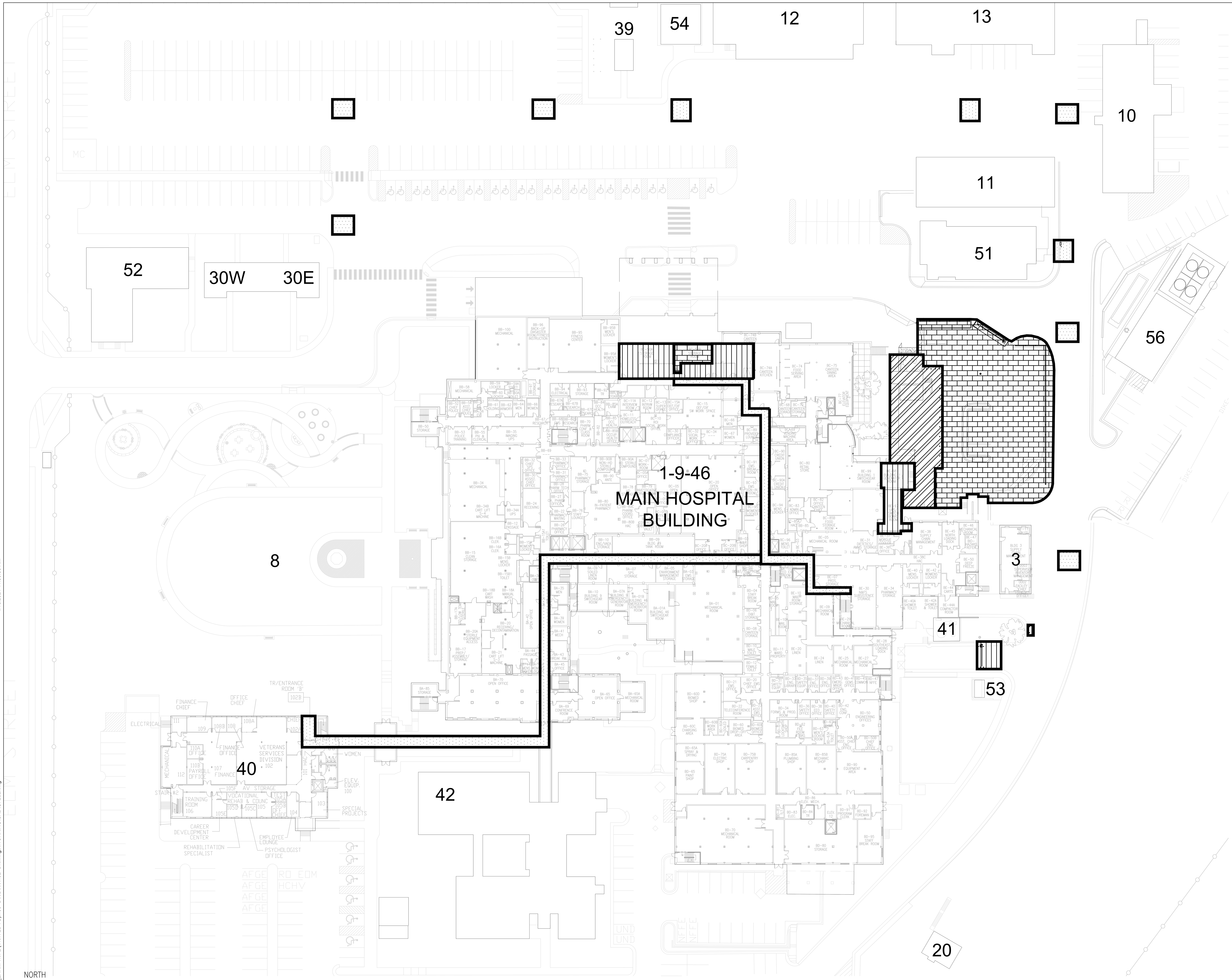
Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 01/16/2024 | Checked: DA | Drawn: JM

Project Number: 437-21-210

Building Number:

Drawing Number: GI-201A



SEQUENCE LEGEND

- SEQUENCE "A"
- SEQUENCE "B"
- SEQUENCE "C"
- SEQUENCE "D"
- SEQUENCE "E"
- SEQUENCE "F"

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

1 GENERAL - CONSTRUCTION SEQUENCE OF WORK PLAN - BASEMENT

1/32"=1'-0"

ISSUE FOR BID - 01/16/2024

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CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS

3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 22-113

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - CONSTRUCTION SEQUENCE OF WORK - BASEMENT

Approved: Project Director

Phase: ISSUE FOR BID

BUILDING FULLY SPRINKLERED

Project Title: EHRM INFRASTRUCTURE UPGRADES - TIER 2

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 01/16/2024 | Checked: DA | Drawn: JM

Project Number: 437-21-210

Building Number:

Drawing Number: GI-202

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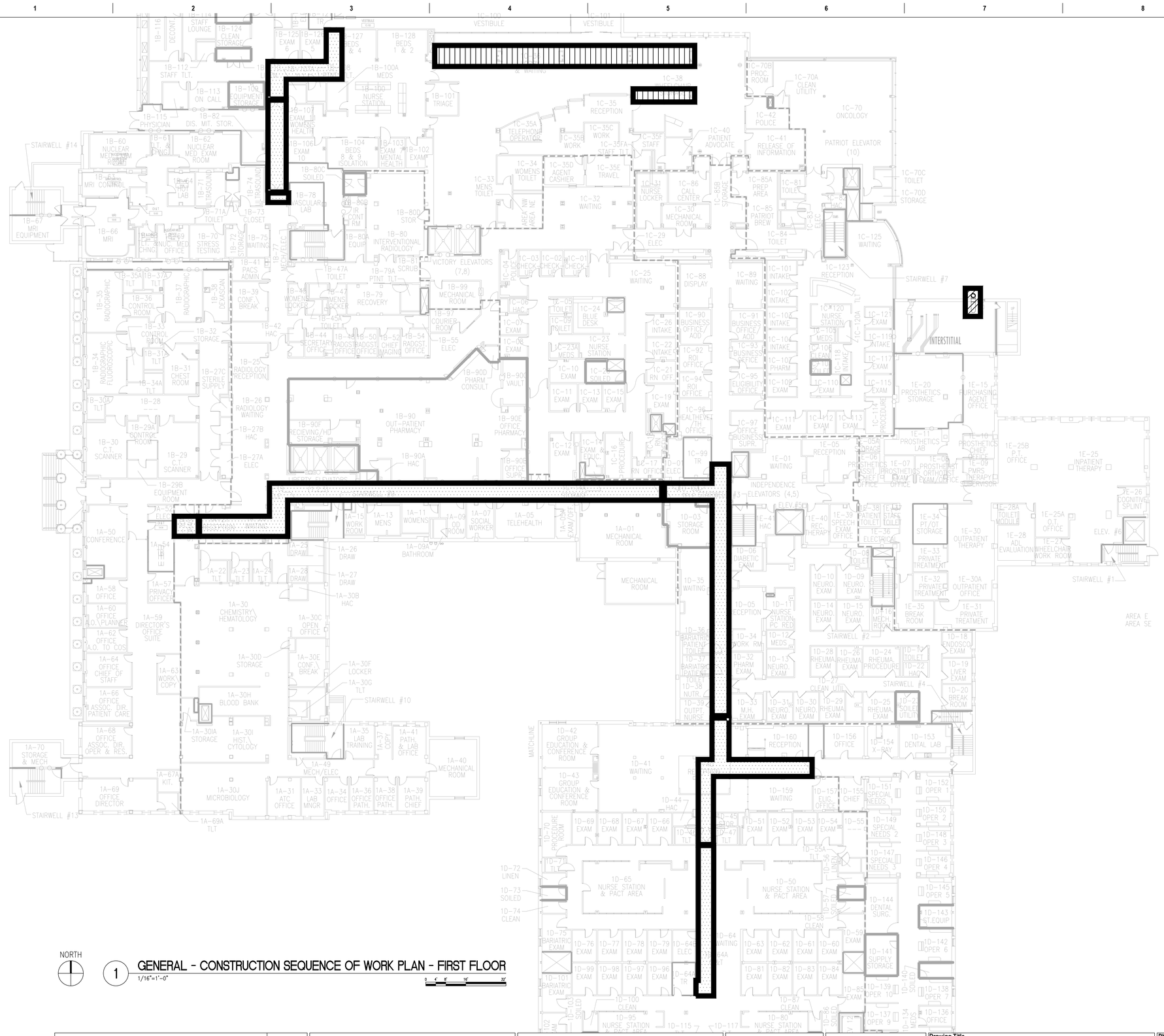

SEQUENCE LEGEND

SEQUENCE "A" | SEQUENCE "B" | SEQUENCE "C"

SEQUENCE "D" | SEQUENCE "E" | SEQUENCE "F"

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- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

NORTH

1 GENERAL - CONSTRUCTION SEQUENCE OF WORK PLAN - FIRST FLOOR

1/16"=1'-0"

0 4' 8' 16' 32'

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ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS

3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 22-113

STAMP

LICENSED ARCHITECT
CROTAN D. PAPKARIS
001-006355
STATE OF ILLINOIS

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

ISSUE FOR BID - 01/16/2024

Drawing Title	GENERAL - CONSTRUCTION SEQUENCE OF WORK - FIRST FLOORS
Approved: Project Director	
Phase	ISSUE FOR BID
	BUILDING FULLY SPRINKLERED
Project Title	EHRM INFRASTRUCTURE UPGRADES - TIER 2
Location	FARGO VA HEALTH CARE SYSTEM
Issue Date	01/16/2024
Checked	DA
Drawn	JM
Project Number	437-21-210
Building Number	1-9-46
Drawing Number	GI-203

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