

# U.S. Department of Veterans Affairs

ISSUE FOR BID June 02, 2023

# PROJECT LOCATION:

ST. CLOUD VA HEALTH CARE SYSTEM 4801 VETERANS DRIVE ST. CLOUD, MN 56303

PROJECT TITLE:

# **CONSTRUCT/REPLACE BUILDING 50** MEP SYSTEMS

**BUILDING NUMBER: 50** 

ARCHITECT OF RECORD:

**BANCROFT ARCHITECTS + ENGINEERS** 

3300 DUNDEE RD.

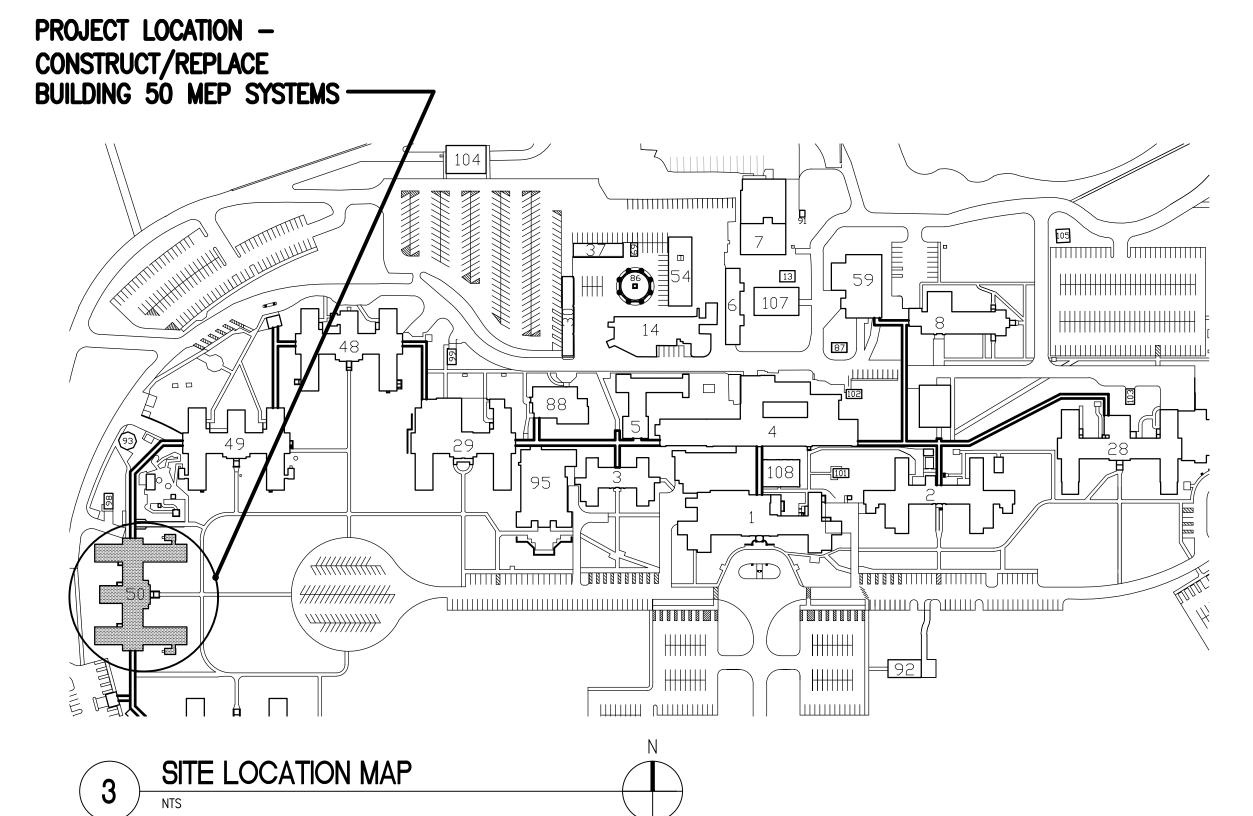
NORTHBROOK, ILLINOIS 60062

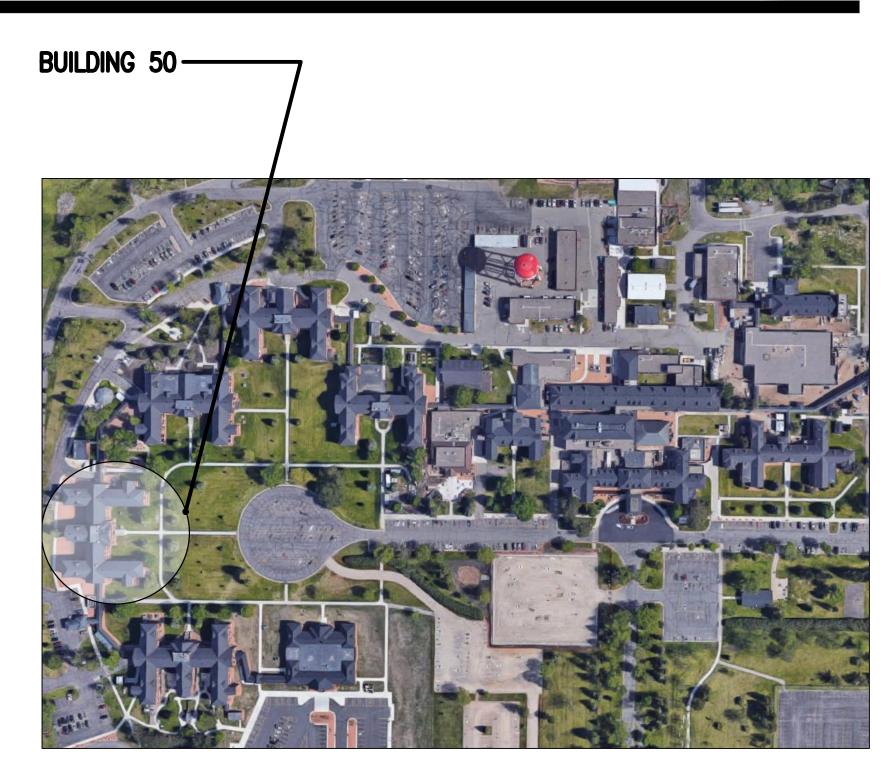
CONSULTANTS:

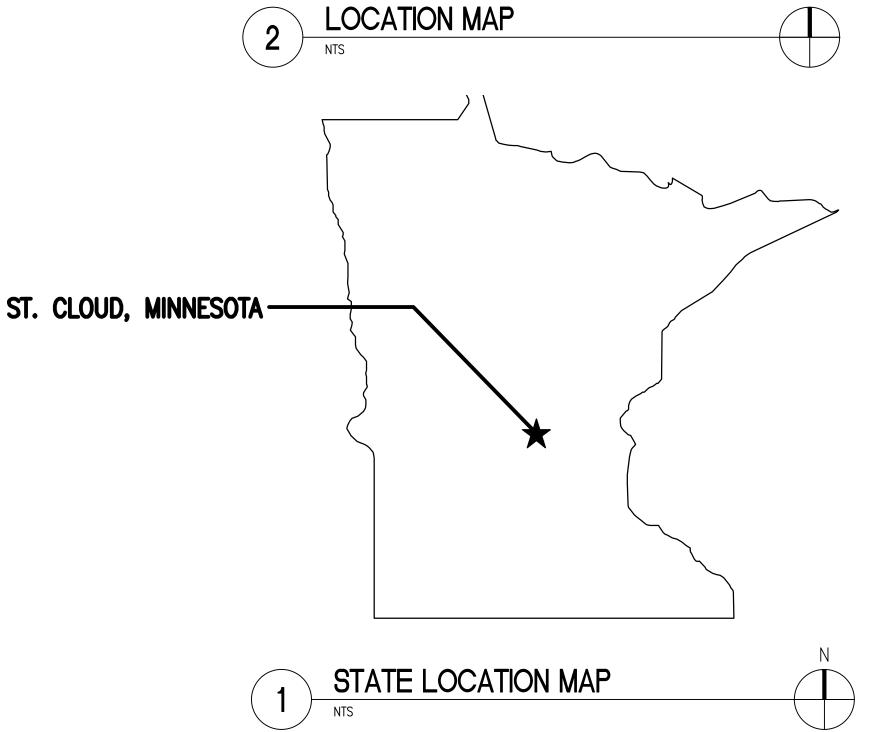
STRUCTURAL ENGINEER OF RECORD:

STRUCTURAL ENGINEERING ASSOCIATES, INC.

1000 WALNUT, SUITE 1570 KANSAS CITY, MO 64106







# PROJECT NUMBERS:

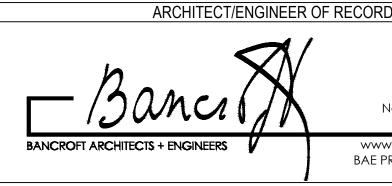
**CONTRACT NUMBER:** TASK NUMBER: STATION PROJECT NUMBER: BAE PROJECT NUMBER:

36C263-19-D-0022 36C26319N1058 18-116

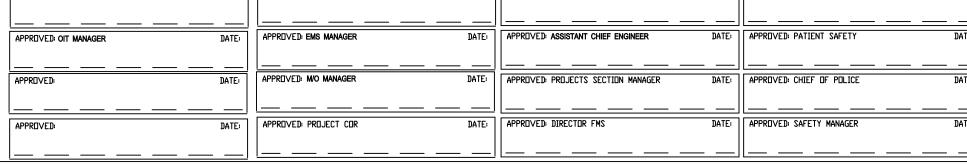
06/02/2023 - ISSUE FOR BID

S ISSUE FOR BID 5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%) 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22  $\beta \mid \mathsf{DESIGN} \; \mathsf{DEVELOPMENT} \; (\mathsf{DD} \; 2$  - 75%) 10/11/22 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22 02/26/20 DESIGN DEVELOPMENT (DD 1 - 50%) DATE REVISION

hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2-23 License # 56382

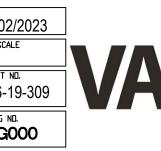






DATE: APPROVED: NURSE EXECUTIVE

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DRAWING TITLE COVER SHEET		PRIJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS  DATE: 06/02/2023 PLIIT SCALE	
APPROVED: ASSOCIATE DIRECTOR	DATE:	PRIJECT ND. 656-19-309	V
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APPROVED: MEDICAL CENTER DIRECTOR	DATE:	ST. CLOUD VAHCS ST. CLOUD, MN 56303  DVG. DF	



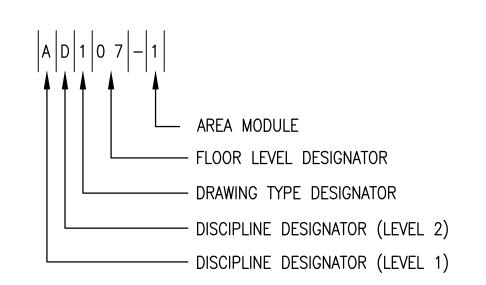


	DRAWING INDEX				
RAWING #	DRAWING TITLE	50% DD1	75% DD2	95% CD	100% CE
	GENERAL				
G000	GENERAL - COVER SHEET	*	*	*	*
G001	GENERAL - DRAWING INDEX	*	*	*	*
GI100	GENERAL - CONTRACTOR AND B.O.D. PROTOCOL NOTES	*	*	*	*
GI101	GENERAL - PROTECTION PROTOCOL SOW AND MISC NOTES	*	*	*	*
GI102	GENERAL - DEMOLITION NOTES	*	*	*	*
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GI410	GENERAL - INFECTION CONTROL ICRA NOTES CLASS III	*	*	*	*
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GI500	GENERAL - BASEMENT - PHASING PLAN		*	*	*
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GI501	GENERAL - FIRST FLOOR - PHASING PLAN		*	*	*
GI502	GENERAL - SECOND FLOOR - PHASING PLAN		*	*	*
GI503	GENERAL - ATTIC - PHASING PLAN		*	*	*
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GC101	GENERAL - SITE STAGING PLAN	*	*	*	*
	HAZARDOUS MATERIALS				
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HA100S	HAZARDOUS MATERIAL PLAN - ASBESTOS/LEAD - SUB-BASEMENT			*	*
HA102	HAZARDOUS MATERIAL PLAN - ASBESTOS/LEAD - SECOND FLOOR			*	*
	STRUCTURAL				
S100	STRUCTURAL - BASEMENT FLOOR FRAMING PLAN	*	*	*	*
S101	STRUCTURAL - FIRST FLOOR FRAMING PLAN	*	*	*	*
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S103	STRUCTURAL - THIRD/ATTIC FLOOR FRAMING PLAN	*	*	*	*
S104	STRUCTURAL - ROOF FLOOR FRAMING PLAN	*	*	*	*
S200	STRUCTURAL - DETAILS	*	*	*	*
0200	omercial services				
	ARCHITECTURAL				
AD100	1	*	*	*	*
	ARCHITECTURAL - BASEMENT- DEMOLITION PLAN	*	*	*	*
AD101	ARCHITECTURAL - FIRST FLOOR - DEMOLITION PLAN	*	*	*	*
AD102	ARCHITECTURAL - SECOND FLOOR - DEMOLITION PLAN	*	*	*	*
AD103	ARCHITECTURAL - ATTIC - DEMOLITION PLAN	*		*	*
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AD201	ARCHITECTURAL - DEMOLITION EXTERIOR ELEVATION - WEST	*	*	*	*
ACD100	ARCHITECTURAL - BASEMENT - REFLECTED CEILING DEMO PLAN	*	*	*	*
ACD101	ARCHITECTURAL - FIRST FLOOR - CEILING DEMOLITION PLAN	*	*	*	*
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A201	ARCHITECTURAL - EXTERIOR ELEVATION -WEST	*	*	*	*
A401	ARCHITECTURAL - ENLARGED PLAN - RM 7 & RM 10	*	*	*	*
A501	ARCHITECTURAL - PARTITION SCHEDULE	*	*	*	*
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A502			*	*	*
	ARCHITECTURAL - DOOR SCHEDULE & DETAILS  ARCHITECTURAL - FINISH LEGEND AND SCHEDULE		*	*	*

#### **DRAWING TITLE** 50% DD1 | 75% DD2 | 95% CD | 100% CD | DRAWING # FX001 FIRE PROTECTION - GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS \* \* \* FXD-100 | FIRE PROTECTION - BASEMENT FLOOR - DEMOLITION PLAN FX-100 FIRE PROTECTION - BASEMENT \* \* \* \* \* \* FX-101 FIRE PROTECTION - FIRST FLOOR PLAN FX-102 FIRE PROTECTION - SECOND FLOOR PLAN \* \* \* \* \* FX-103 FIRE PROTECTION - ATTIC PLAN FX-400 FIRE PROTECTION - ENLARGED BASEMENT PLANS \* \* \* FX500 FIRE PROTECTION - DETAILS PLUMBING P001 PLUMBING - GENERAL NOTES, LEGEND & ABBREVIATIONS PD100 PLUMBING - SUB-BASEMENT - DEMOLITION PLAN PD101 PLUMBING - BASEMENT PLAN - DEMOLITION P100 PLUMBING - SUB-BASEMENT PLAN PLUMBING - BASEMENT FLOOR PLAN P400 PLUMBING - ENLARGED MECHANICAL ROOM PLAN P600 PLUMBING - SCHEDULES M001 MECHANICAL - GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS \* \* MHD100 MECHANICAL VENTILATION - BASEMENT - DEMOLITION PLAN MPD000 OVERALL MECHANICAL PIPING - CAMPUS - DEMOLITION PLAN \* \* MPD100S | MECHANICAL PIPING - SUB-BASEMENT - DEMOLITION PLAN MPD100 MECHANICAL PIPING - BASEMENT - DEMOLITION PLAN MPD400 MECHANICAL PIPING - MECH. ROOM - DEMOLITION PLAN \* \* \* \* MH100 MECHANICAL VENTILATION - BASEMENT PLAN MH100.1 MECHANICAL VENTILATION - BASEMENT PLAN - AREA 1 \* \* MH100.2 MECHANICAL VENTILATION - BASEMENT PLAN - AREA 2 \* \* \* \* MECHANICAL VENTILATION - FIRST FLOOR PLAN \* \* \* MECHANICAL VENTILATION - SECOND FLOOR PLAN \* \* \* \* MH103 MECHANICAL VENTILATION - ATTIC FLOOR PLAN \* \* \* \* MH104 MECHANICAL VENTILATION - ROOF PLAN \* \* MP000 OVERALL MECHANICAL PIPING - CAMPUS - NEW WORK PLAN \* \* \* \* MP100S MECHANICAL PIPING - SUB-BASEMENT PLAN \* \* \* \* MP100 MECHANICAL PIPING - BASEMENT PLAN \* \* MP400 | MECHANICAL PIPING - MECHANICAL ROOM PLAN \* \* M501 MECHANICAL - DETAILS M502 MECHANICAL - DETAILS \* \* \* \* M503 MECHANICAL - DETAILS M504 MECHANICAL - DETAILS \* \* M505 MECHANICAL - DETAILS M506 MECHANICAL - DETAILS M601 MECHANICAL - SCHEDULES \* \* \* \* M602 MECHANICAL - SCHEDULES M603 MECHANICAL - SCHEDULES MECHANICAL - CONTROLS \* M702 MECHANICAL - CONTROLS M703 MECHANICAL - CONTROLS M704 MECHANICAL - CONTROLS ELECTRICAL E001 ELECTRICAL GENERAL NOTES \* \* \* \* \* E002 ELECTRICAL LEGEND AND ABBREVIATIONS ELECTRICAL DEMO PLAN - SUB-BASEMENT POWER \* \* \* \* \* \* E101 ELECTRICAL DEMOLITION PLAN - BASEMENT LIGHTING ELECTRICAL DEMOLITION PLAN - BASEMENT HVAC-PLUMBING LECTRICAL NEW PLAN - BASEMENT LIGHTING ELECTRICAL NEW PLAN - SUB-BASEMETN POWER E301 ELECTRICAL NEW PLAN - BASEMENT POWER ELECTRICAL ONE-LINE E401 \* \* \* \* E402 ELECTRICAL ONE-LINE ELECTRICAL DETAILS E601 ELECTRICAL SCHEDULES E602 ELECTRICAL SCHEDULES \* \* \* \* E603 ELECTRICAL SCHEDULES

DRAWING INDEX

# SHEET IDENTIFICATION



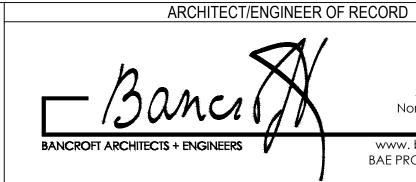
DISCIPLINE DESIGNATOR (LEVEL 1) G-GENERAL H-HAZARDOUS MATERIALS S-STRUCTURAL A-ARCHITECTURAL I-INTERIORS F-FIRE PROTECTION P-PLUMBING M-MECHANICAL E-ELECTRICAL

DISCIPLINE DESIGNATOR (LEVEL 2) GI- GENERAL INFORMATION GC-GENERAL CONTRACT SD-STRUCTURAL DEMOLITION SF-STRUCTURAL FRAMING AD-ARCHITECTURAL DEMOLITION AC-ARCHITECTURAL CEILING AR-ARCHITECTURAL ROOF IF-INTERIOR FINISHES IQ-INTERIOR EQUIPMENT/ FURNITURE IG-INTERIOR GRAPHICS FX-FIRE PROTECTION SUPPRESSION PD-PLUMBING DEMOLITION PW-PLUMBING WATER PS-PLUMBING SANITARY/STORM/VENT PG-MEDICAL GAS MD-MECHANICAL DEMOLITION MH-MECHANICAL HEATING/VENTILATION MP-MECHANICAL PIPING ED-ELECTRICAL DEMOLITION EF-FIRE PROTECTION DETECTION & ALARM EP-ELECTRICAL POWER
EL-ELECTRICAL LIGHTING

# 06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA Date 6-2-23 License # 56382



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

APPROVED: GEMS PROJECT MANAGER DATE: APPROVED: PATIENT SAFETY DATE APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE 

DATE:	APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:	DRAWING TITLE  GENERAL - DRAWING INDEX	CONSTRUCT BUILDING			DATE: 06/02/202	23
	APPROVED: GEMS PROJECT MANAGER  APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: PATIENT SAFETY  APPROVED: CHIEF OF POLICE	DATE:	APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR  DATE:	BOILDING	O WILL O	IOILIVIO	PRELJECT NO. 656-19-3	309
	APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:	APPROVED: CHIEF OF STAFF DATE:	BUILDING No 50	CHECKED BY	DRAWN	DRAWING ND.	1
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# GENERAL NOTES FOR CONTRACTORS

- 1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL PUBLISHED APPLICABLE LOCAL / STATE / FEDERAL / NATIONAL CODES, ORDINANCES AND REGULATIONS ALONG WITH ALL RELATED VA DIRECTIVES, DESIGN GUIDES AND MANUALS, SPECIFICATIONS AND STANDARDS PLUS ALL VA REQUIREMENTS (FEDERAL AND LOCAL) THAT ARE PROJECT SPECIFIC TO THE DOCUMENTED SCOPE OF WORK ON THIS SITE.
- 2. EACH CONTRACTOR SHALL HAVE PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY THE VA IN THE BIDDING DOCUMENTATION. CONTACT THE VA/CO DURING THE BIDDING PHASE WITH ANY QUESTIONS, VERIFICATIONS, AND DOCUMENTATION NECESSARY CONCERNING ALL REQUIREMENTS FOR PROJECT INSURANCE COVERAGE.
- BEFORE SUBMITTING A BID, ALL CONTRACTORS WILL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS SO AS TO BE THOROUGHLY FAMILIAR WITH ALL THE CONTRACT REQUIREMENTS. EACH BIDDER SHOULD THEN VISIT THE SITE OF THE WORK TO BECOME ACQUAINTED WITH ALL VISIBLE FIELD CONDITIONS AFFECTING THE CONTRACT, SUCH AS OBSTACLES WHICH MAY BE ENCOUNTERED AND ALL OTHER CONDITIONS RELATIVE TO WHAT COULD AFFECT/IMPACT THE WORK OR BE AFFECTED BY THE PERFORMANCE OF THE WORK.
- 4. IF AWARDED THE CONTRACT, THE CONTRACTORS SHALL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY UNFORESEEN DIFFICULTIES OR OBSTACLES WHICH THE BIDDER COULD HAVE REASONABLY ANTICIPATED PRIOR TO BIDDING. SHOULD ANY DISCREPANCIES, ERRORS, CONFLICT OR ITEMS NEEDING CLARIFICATION BE DISCOVERED IN THE PLANS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE VA/CO PRIOR TO SUBMITTING A BID AND THE VA/COR BEFORE STARTING ANY OF THE WORK.
- 5. CONTRACTORS SHALL REFERENCE ALL DRAWINGS IN ALL SECTIONS OF WORK FOR FULLY DEFINING THEIR SCOPE OF WORK RESPONSIBILITIES AND COORDINATE SAME WITH THE GENERAL/PRIME CONTRACTOR. SUBCONTRACTORS AND SUPPLIERS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR SCOPE OF WORK ALSO OCCURS IN OTHER SECTIONS OF THE DRAWINGS AND THE COMPLETE SET OF CONTRACT DOCUMENTS.
- SHALL BE TAKEN IN A SENSE AS A DIAGRAMMATIC REPRESENTATION OF ITS INTENDED PLACEMENT AND DISTRIBUTION WITHIN THE GENERAL PROXIMITY WHERE SHOWN. THE SIZE AND THE MEANS OF RUNNING DISTRIBUTION SYSTEMS ARE SHOWN BUT IT IS NOT INTENDED TO SHOW EVERY CONNECTION, FITTING, OFFSET, SUPPORT ELEMENT, OR EVERY STRUCTURAL DIFFICULTY THAT CAN BE ENCOUNTERED DURING THE INSTALLATION OF THE WORK.
- 7. PROJECT LIMIT LINES ARE SHOWN ON THE DRAWINGS FOR ORIENTATION PURPOSES ONLY AND SHOULD NOT BE CONSTRUED TO INDICATE THE FULL EXTENT OR LIMITS OF THE AREA(S) OF WORK.
- B. EACH CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK SHALL FULLY COORDINATE AND VERIFY WITH ALL OTHER CONTRACTORS, OTHER TRADES AND THE VA/COR CONCERNING ALL SPACE REQUIREMENTS FOR THIS PROJECT. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COMMUNICATING, DOCUMENTING AND COORDINATING ALL SPACE REQUIREMENTS WITH THE VA/COR TO AVOID CONFLICTS AND MISCOMMUNICATION.
- ALL EXISTING BUILDING UTILITIES AND INFRASTRUCTURE SERVICES SYSTEMS THAT FEED OTHER SPACES OUTSIDE THE DEMISED PROJECT AREA AND THAT ARE LOCATED WITHIN THE AREA OF WORK, THEREBY INTERFERING WITH THE NEW CONSTRUCTION, SHALL BE REROUTED AND RELOCATED AS REQUIRED TO MAINTAIN FULL SERVICE TO THE AFFECTED AREAS.
- 10. ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PUBLIC PROJECT ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VA/COR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VA/COR.
- 11. DO NOT SCALE THE DRAWINGS. USE THE GIVEN DIMENSIONS.
- 12. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL SHOP DRAWING REQUIREMENTS WITH ALL OF THE AFFECTED TRADES, THE VA/COR AND WITH THE AE.
- 13. OBTAIN ALL REQUIRED VA/COR AUTHORIZATIONS BEFORE BEGINNING ANY DEMOLITION WORK OR NEW CONSTRUCTION, INCLUDING TEMPORARY BARRICADES AND PROTECTION WORK.
- 14. EACH CONTRACTOR SHALL MAINTAIN A COMPETENT OSHA-30 FOREMAN OR EQUALLY QUALIFIED DIRECT REPRESENTATIVE ON THE JOB SITE AT ALL TIMES.
- 15. EACH CONTRACTOR SHALL COOPERATE AND COORDINATE WITH THE GENERAL/PRIME CONTRACTOR'S SUPERINTENDENT AND WITH THE FOREMAN OF ALL OTHER TRADES IN ORDER THAT THERE BE NO DELAYS IN THE EXECUTION AND COMPLETION OF THE WORK.
- 16. DURING CONSTRUCTION EACH CONTRACTOR SHALL KEEP ON SITE ACCURATE FIELD RECORDS OF ALL CONCEALED AND VISUALLY ACCESSIBLE WORK THAT DIFFERS FROM THE CONTRACT DRAWINGS/DOCUMENTS. THESE AS-BUILT MARKED-UP RECORD DRAWINGS/DOCUMENTS WILL BE KEPT UP TO DATE BY THE GENERAL/PRIME CONTRACTOR AND PROVIDED TO THE VA/COR FOR DISTRIBUTION AT THE COMPLETION OF THE PROJECT.

- 17. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VA/COR'S ACCEPTANCE OF THAT WORK.
- 18. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPAIR, REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.
- 19. PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.
- 20. ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VA/COR APPROVAL BEFORE PROCEED WITH ANY SUCH REQUIRED PENETRATIONS WORK.
- 21. RELOCATIONS OF ANY INFRASTRUCTURE DISTRIBUTION SYSTEMS OR EQUIPMENT, WHICH MAY ALTER THE ARCHITECTURAL OR STRUCTURAL CONSTRUCTION, MUST BE APPROVED FIRST BY THE VA/COR PRIOR TO STARTING ITS RELOCATION.
- THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS.
- 23. CONTRACTORS TO ENSURE ALL FIRE RESISTIVE RATINGS ARE MAINTAINED PER LOCATIONS SHOWN ON THE DRAWINGS AND AS DISCOVERED IN THE FIELD. ALL PENETRATIONS ARE TO BE SEALED BY AN APPROVED UL FIRESTOPPING SYSTEM. SEAL ALL EXISTING PENETRATIONS EXPOSED DURING CONSTRUCTION AS PER THE APPROVED UL FIRESTOPPING SYSTEM INSTALLATION REQUIREMENTS. FOLLOW THE MANUFACTURE'S DESIGN RECOMMENDATIONS FOR THE PROPER FIRE STOPPING MATERIAL TO BE USED IN EACH SPECIFIC APPLICATION.
- 24. ALL FIRESTOPS SHALL MATCH THE FIRE RATING OF THE CONSTRUCTION BEING PENETRATED, SUCH AS WALLS, FLOORS, CEILINGS, PARTITIONS ETC. AND SHALL COMPLY WITH ALL CODE REQUIREMENTS. USE ONLY A SINGLE (FMRC) APPROVED MANUFACTURERS LINE OF PRODUCTS FOR ALL PROJECT FIRESTOPPING.
- 25. THE BASIS OF DESIGN FOR ALL FIRE STOPPING WILL BE PRODUCTS AS MANUFACTURED BY THE 3M COMPANY.
- PROVIDE AN HOURLY RATED FIRESTOP AT ALL PENETRATIONS OF RATED CONSTRUCTION AND/OR ASSEMBLIES, WHETHER NEW OR EXISTING, AND AS A DIRECT RESULT OF THE PROJECT DEMOLITION WORK OR NEW CONSTRUCTION. WHERE COMBUSTIBLE PENETRANTS OCCUR USE A FIRE RATED INTUMESCENT MATERIAL AND WHERE NONCOMBUSTIBLE PENETRANTS OCCUR USE A FIRE RATED ENDOTHERMIC MATERIAL. ALL FIRESTOPPING WORK MUST BE APPROVED BY THE VA/COR BEFORE CONCEALED BY CONSTRUCTION.

# SPECIAL SAFETY NOTES

- ALL CONTRACTORS, SUBCONTRACTORS AND THEIR REPRESENTATIVES WORKING ON THIS PROJECT SHALL AT ALL TIMES PRIOR TO AND DURING THE COURSE OF THEIR ACTIVITY BE RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES, ALL OTHERS AND ARE TO BE IN CARE OF THE PROPERTY.
- EACH CONTRACTOR OR SUBCONTRACTOR, AS REPRESENTATIVES OF THEIR EMPLOYEES, SHALL ASCERTAIN THAT THE CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO ACCOMPLISH THEIR WORK ARE SAFE AND MEET ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HAZARD ACT, ALONG WITH ALL OTHER APPLICABLE GOVERNING REGULATIONS AND VA REQUIREMENTS.
- 3. THE BEGINNING OF WORK ON SITE BY A CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE HIS/HER SATISFACTION AND FULL ACCEPTANCE OF THE CURRENT SITE CONDITIONS REGARDING SAFETY AND THE NECESSARY COMPLIANCE WITH ALL CONTRACT REQUIREMENTS REGARDING SAME. THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ACCIDENTS, INJURIES, AND/OR DAMAGES INCURRED AS A RESULT OF ANY VISIBLE OR KNOWN UNSAFE CONDITIONS THAT EXIST.
- 4. IF UNSATISFIED WITH THE CURRENT SITE SAFETY CONDITIONS AND/OR THE NECESSARY COMPLIANCE, THE CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE THE ACTIONS AND/OR DEVICES NECESSARY TO RENDER THE JOB-SITE SAFE. IF THE WORK OF OTHER PARTIES, UPON INSPECTION, IS FOUND AT ANY TIME TO BE UNSAFE THE CONTRACTOR OR SUBCONTRACTOR SHALL IMMEDIATELY STOP ALL WORK AND NOTIFY THE GENERAL/PRIME CONTRACTOR AND THE VA/COR. THE SUBMISSION OF A BID FOR ANY PORTION OF WORK INCLUDED IN THIS CONTRACT SHALL ALSO INDICATE ACKNOWLEDGMENT AND ACCEPTANCE OF THESE REQUIREMENTS.

# B.O.D. COMPLIANCE PROTOCOLS

#### BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS

#### NTENT:

- TO ORGANIZE AND IDENTIFY THE "EQUIVALENCY SUBSTITUTION PROCESS" IN ORDER TO FORMALIZE THE PROCESS, CLARIFY RESPONSIBILITIES, PROACTIVELY MANAGE THE PROCESS AND MINIMIZE COSTLY DELAYS IN THE EXECUTION OF THE WORK.
- THERE ARE NO INTENDED RESTRICTIONS LIMITING COMPETITION ON THE EQUIVALENT SUBSTITUTION OF MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, RELATED DESIGN ELEMENTS AND PERFORMANCE CHARACTERISTICS, UNLESS AS IDENTIFIED IN THE BID SOLICITATION

#### SUMMARY DESCRIPTION

- THE BASIS OF DESIGN (BOD) INCORPORATES THE DESIGN INTENT AND PERFORMANCE BASED CHARACTERISTICS FOR ALL MATERIALS, SYSTEMS AND WORKMANSHIP THAT IS INCLUDED IN THE CONSTRUCTION DOCUMENTS AND REFERENCED BY SAME.
- THE BOD COMPLIANCE PROTOCOLS ARE TO BE FOLLOWED FOR ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES OR ADJUSTMENTS FROM THE CONSTRUCTION DOCUMENT DRAWINGS, DETAILING, AND SPECIFICATIONS PROVIDED THE SUBSTITUTIONS, DEPARTURES, OR ADJUSTMENTS MEET THE DESIGN INTENT, SCOPE OF WORK (SOW) CRITERIA REQUIREMENTS. AND PERFORMANCE BASED CHARACTERISTICS.
- 3. NO SUCH EQUIVALENT SUBSTITUTION, DEPARTURES OR ADJUSTMENTS WILL BE ALLOWED WITHOUT FIRST GOING THROUGH THE BOD COMPLIANCE PROTOCOLS PROCESS AND OBTAINING THE GOVERNMENT'S APPROVAL FROM THE CONTRACTING OFFICER (CO).

#### BOD COMPLIANCE PROTOCOLS:

- THE BOD COMPLIANCE PROTOCOLS APPLY TO ALL MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, ENGINEERING SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, IMPACTED ELEMENTS OF WORK PLUS ALL RELATED DESIGN CRITERIA ELEMENTS AND SPECIFIED PARAMETERS THAT ARE CONTAINED WITHIN THE BID/ISSUED FOR CONSTRUCTION DRAWINGS AND SPECIFICATIONS DOCUMENTATION, OR AS SPECIFICALLY REFERENCED BY SAME.
- 2. SPECIFIC DESIGN INTENT AND PERFORMANCE CHARACTERISTICS
  REQUIRING BOD COMPLIANCE ANALYSIS WILL VARY WITH EACH SPECIFIC
  ITEM BEING PROPOSED AS AN EQUIVALENT SUBSTITUTION AND WILL NEED
  TO BE FULLY COMPARED AND ANALYZED TO ESTABLISH BOD EQUIVALENCY
  COMPLIANCE.
- 3. CRITICAL DESIGN CHARACTERISTICS AND ELEMENTS ARE SPECIFIC TO EACH ITEM NEEDING CONSIDERATION AND COULD CONSIST OF, BUT NOT LIMITED TO, CRITERIA SUCH AS DIMENSIONAL LOGISTICS, PERFORMANCE CHARACTERISTICS, CAPACITY, DUTY REQUIREMENTS, OPERATIONAL EFFICIENCIES, ACOUSTICAL REQUIREMENTS, UTILITIES IMPACTS, CONNECTION ADJUSTMENTS, DETAILING DEPARTURES, FRAMING ALTERATIONS, ROUGH IN REQUIREMENTS, WEIGHT INCREASES AND/OR DISTRIBUTIONS, STRUCTURAL IMPACTS, ATTACHMENTS, SUPPORTS, FINISHES, AVAILABILITY, COMPATIBILITY, CONSTRUCTABILITY, WARRANTIES, SERVICE LIFE, MAINTENANCE REQUIREMENTS, ENVIRONMENTAL CONSIDERATIONS, LEED RELATED DESIGN CONSIDERATIONS, ETC.
- A VERY CRITICALLY IMPORTANT DESIGN CHARACTERISTIC OF ALL BOD ITEMS NEEDING TO BE FULLY EVALUATED AND PROPERLY COORDINATED WOULD BE THE DESIGN AND LAYOUT OF DIMENSIONAL LOGISTICS REQUIREMENTS. THOSE CRITICAL PARAMETERS COULD CONSIST OF, BUT NOT LIMITED TO, ALL DIMENSIONAL ELEMENTS THAT AFFECT SIZE, HEIGHT, WIDTH, DEPTH, THICKNESS, PLACEMENT, SPACING, CLEARANCES, ACCESS, MOUNTING, CONNECTIONS AND LOCATION REQUIREMENTS, INSTALLATION TOLERANCES, OPERABLE ELEMENT CLEARANCES, ETC., ALL OF WHICH COULD IMPACT OTHER AREAS OF CONSTRUCTION OR COMPONENTS OF WORK REQUIRING ADJUSTMENTS IN ORDER TO COMPLY WITH THE DESIGN INTENT.
- CONTRACTORS WILL BE RESPONSIBLE TO FULLY IDENTIFY ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES, IMPACTS, ALTERATIONS AND ADJUSTMENTS FROM THE "BASIS OF DESIGN" INTENT TO THE GENERAL/PRIME CONTRACTOR DURING THE BIDDING PROCESS AND OBTAIN THEIR APPROVAL BEFORE COMPLETING THEIR PRICING AND SUBMITTING A BID TO SAME.
- IF A PROPOSED EQUIVALENT SUBSTITUTION ITEM WILL REQUIRE THAT ALTERATIONS AND/OR ADJUSTMENTS NEED TO BE MADE, TO THE WORK OF THE PROVIDING CONTRACTOR, THE WORK OF OTHER CONTRACTORS OR THE WORK OF THE VA, THE SUBMITTING CONTRACTOR SHALL BE FULLY RESPONSIBLE TO INFORM AND ADVISE THE GENERAL/PRIME CONTRACTOR OF ANY AND ALL SUCH NECESSARY IMPACTS REQUIRED AS A PART OF THEIR BIDDING AND FUTURE CONTRACTUAL SCOPE OF WORK RESPONSIBILITIES.
- THE CONTRACTOR PROPOSING THE EQUIVALENT SUBSTITUTION SHALL BE

RESPONSIBLE FOR ALL RELATED WORK AND SHALL IDENTIFY, VERIFY, COORDINATE AND PROVIDE ENGINEERED SOLUTIONS FOR ALL IMPACT ISSUES AFFECTING INFRASTRUCTURE SYSTEMS, UTILITIES SERVICES, BUILDING STRUCTURE, SURROUNDING ELEMENTS, AND SYSTEMS AFFECTED FROM WEIGHT DIFFERENTIALS, REVISED LOADING CHARACTERISTICS, CONNECTION AND MOUNTING VARIANCES, INSTALLATION CONFLICTS AND DETAILING ALTERATIONS OR ADJUSTMENTS, ETC. CAUSED BY THE EQUIVALENT SUBSTITUTION REQUIREMENTS.

- 8. SPECIAL ATTENTION NEEDS TO BE PAID TO ANY SYSTEMS EQUIPMENT AND MATERIAL PERFORMANCE CHARACTERISTICS INCLUDING ALL ASPECTS OF THEIR DIMENSIONAL LOGISTICS FEATURES AND REQUIREMENTS ALONG WITH ANY STRUCTURAL AND UTILITIES IMPACTS.
- 9. EACH EQUIVALENT SUBSTITUTION REQUEST ALONG WITH ANY AND ALL IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO OTHER ELEMENTS OF WORK WILL ALSO REQUIRE VA/CO APPROVAL(S) BEFORE ANY SUCH REQUEST IS DEEMED APPROPRIATE BY THE GOVERNMENT AND ALLOWED TO PROCEED INTO THE NORMAL SHOP DRAWING PREPARATION, SUBMITTAL AND REVIEW PROCESS.
- 10. NO REQUEST FOR AN EQUIVALENT SUBSTITUTION REVIEW IS ALLOWED TO BE MADE VIA A SHOP DRAWING SUBMISSION. ANY SUCH SUBMISSION WILL NOT BE REVIEWED AND WILL BE REJECTED AS NON-CONFORMING WITH THE DESIGN INTENT AND NOTED THAT THE CONTRACTOR IS TO FOLLOW THE STANDARD BOD COMPLIANCE PROTOCOLS.
- 11. ANY UNDOCUMENTED OR UNFORESEEN IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK AS A RESULT OF AN EQUIVALENCY SUBSTITUTION THAT SURFACE DURING THE CONSTRUCTION PHASE SHALL IMMEDIATELY BE MADE KNOWN TO THE GENERAL/PRIME CONTRACTOR WHO WILL IN TURN NOTIFY THE VA/COR. ALL SUCH UNDOCUMENTED OR UNFORESEEN CONDITIONS WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.
- 2. ANY NON-COMPLIANT EQUIVALENT SUBSTITUTIONS WORK FOUND TO BE IN PLACE DURING THE CONSTRUCTION PHASE THAT HAD NOT GONE THROUGH THE BOD COMPLIANCE PROTOCOLS APPROVAL PROCESS AND THAT DOESN'T HAVE THE VA/CO'S APPROVAL WILL BE SUBJECT TO POSSIBLE REJECTION AND REMOVAL AS DETERMINED BY THE GOVERNMENT.
- 13. THE FINAL INSTALLATION OF ANY EQUIVALENT SUBSTITUTION AND ITS IMPACTS SHALL NOT COMPROMISE ANY OF THE BOD PERFORMANCE CHARACTERISTICS NOR SHALL IT ENCUMBER ANY OF THE ASSOCIATED DESIGN INTENT LAYOUT AND DIMENSIONAL LOGISTICS REQUIREMENTS.
- 14. ALL EQUIVALENT SUBSTITUTION INSTALLATIONS AND THEIR IMPACTS TO OTHER SOW ELEMENTS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND VA REQUIREMENTS, PLUS ALLOW ANY SYSTEMS, EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFFLY

#### BOD EQUIVALENT SUBSTITUTIONS PROCESS SEQUENCE:

## (STEP 01) BIDDING PHASE:

ALL BOD PROPOSED EQUIVALENT SUBSTITUTIONS AND THEIR ASSOCIATED IMPACTS ON OTHER SOW ELEMENTS SHALL BE FULLY IDENTIFIED AND COORDINATED WITH THE GENERAL/PRIME CONTRACTOR(S) SUCH THAT THE COST OF ALL ASSOCIATED SCOPE OF WORK IMPACTS DIRECTLY AFFECTING OTHER TRADES SHALL BE INCLUDED IN THE BASE BIDS OF ALL AFFECTED CONTRACTORS.

# (STEP 02) CONTRACTORS IDENTIFY PROPOSED EQUIVALENT SUBSTITUTION(S):

1. ALL CONTRACTORS, BEFORE SUBMITTING THEIR REQUEST FOR EQUIVALENT SUBSTITUTION CONSIDERATION SHALL BE RESPONSIBLE TO HAVE FULLY VERIFIED AND CERTIFIED IN WRITING THAT THE DESIGN CHARACTERISTICS OF THE ITEMS THEY WILL BE SUBMITTING FOR BOD COMPLIANCE REVIEW MEETS OR EXCEEDS THE DESIGN INTENT AND PERFORMANCE REQUIREMENTS AS DESIGNED, DETAILED AND SPECIFIED.

# (STEP 03) CONTRACTORS PREPARE DETAILED COMPARISONS:

- 1. THE REQUESTING CONTRACTOR SHALL PREPARE AND PROVIDE TO THE GENERAL/PRIME CONTRACTOR A FULL LINE ITEM, SIDE-BY-SIDE COMPARISON LISTING SPREAD SHEET OF ALL BOD DESIGN AND MANUFACTURED CHARACTERISTICS VERSUS THE SAME FOR THE EQUIVALENT SUBSTITUTION BEING PROPOSED.
- 2. ALL EQUIPMENT, MATERIALS OR ASSEMBLY EQUIVALENT SUBSTITUTIONS SHALL BE PROVIDED ON A CONTRACTOR PREPARED ITEMIZED LISTING PER EACH REQUESTED SUBSTITUTION WITH A FULL AND DETAILED COMPARATIVE DESCRIPTION OF ALL SPECIFICATIONS, PERFORMANCE CHARACTERISTICS, CAPACITIES, WEIGHT, DIMENSIONAL LOGISTICS AND KNOWN IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS FROM THE ORIGINAL BOD.
- 3. CONTRACTOR SHALL UTILIZE THE ORIGINAL MANUFACTURER'S PUBLISHED SPECIFICATIONS AND PRODUCT DATA SHEETS ALONG WITH ANY ADDITIONAL CHARACTERISTICS AND PERFORMANCE CRITERIA REQUIRED AND SPECIFIED IN THE CONSTRUCTION DOCUMENTS AS THE BASIS FOR THE

APPROVED: PROJECT COR

DEVELOPMENT OF THE LINE BY LINE COMPARISON CRITERIA SPREAD SHEET.

# (STEP 04) CONTRACTORS IDENTIFY RELATED IMPACTS:

- 1. THE REQUESTING CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY AND DOCUMENT ALL PROPOSED EQUIVALENT SUBSTITUTION CAUSED IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED FROM THE ORIGINAL BOD REQUIREMENTS WITH THE GENERAL/PRIME CONTRACTOR AS WELL AS ALL AFFECTED CONTRACTORS.
- 2. SEE THE DETAILED BOD PROTOCOL REQUIREMENTS FOR THE EXTENT OF RESPONSIBILITIES AND DOCUMENTATION REQUIRED FOR THIS CRITICAL ITEM

#### (STEP 05) CONTRACTOR'S DOCUMENTATION TO GENERAL/PRIME CONTRACTOR:

- 1. CONTRACTORS SHALL COORDINATE WITH THE GENERAL/PRIME CONTRACTOR AS TO THE SPECIFIC DATE THAT EACH IS REQUIRED FOR THE COMPLETION OF THEIR EQUIVALENT SUBSTITUTION SUBMISSION REQUEST DOCUMENTATION AND DELIVERY OF THE COMPLETED PACKAGE(S) TO THEM.
- 2. CONTRACTORS SHALL FULLY COORDINATE THEIR PREPARATION OF ALL REQUIRED DOCUMENTATION AND EQUIVALENCY SUBSTITUTION REQUIREMENTS WITH THE GENERAL/PRIME CONTRACTOR IN ORDER TO ADDRESS ANY AND ALL IMPACTS ON THE PROJECT SCHEDULE AS WELL AS PERFORMING THEIR REQUIRED FORMALIZED REQUEST FOR EQUIVALENCY SUBSTITUTION SUBMISSION.
- 3. ALL EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH THEIR REQUIRED SUBMISSION REQUEST DOCUMENTATION SHALL BE DELIVERED TO THE GENERAL/PRIME CONTRACTOR AS REQUIRED BY SAME IN TIME FOR THE GC'S FIRST SUBMISSION OF THE PROPOSED PROJECT CONSTRUCTION SCHEDULE BEING SUBMITTED TO THE GOVERNMENT FOR REVIEW.

#### (STEP 06) GENERAL/PRIME CONTRACTOR RESPONSIBLE FOR COORDINATION:

- 1. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY, DOCUMENT, MAKE SUBMISSIONS, TRACK, COORDINATE, OBTAIN CONTRACTING OFFICER (CO) APPROVALS AND INCLUDE THE COST OF ALL SUCH EQUIVALENT SUBSTITUTION, WORK IN THEIR COST OF CONSTRUCTION AS WELL AS ALLOWED FOR WITHIN THEIR PROJECT SCHEDULE.
- 2. THE GENERAL/PRIME CONTRACTOR HAVING BEEN MADE FULLY AWARE OF POTENTIAL EQUIVALENCY SUBSTITUTIONS AND IMPACTS DURING THE BIDDING PROCESS SHALL INCLUDE AND DOCUMENT THIS BOD PROCESS IN THEIR DETAILED PROJECT SCHEDULE ALLOWING A SEPARATE TASK ITEM TIMELINE FOR EACH WITH CRITICAL DATES AND PERFORMANCE TARGETS IDENTIFIED AND TRACKED.
- 3. THE GENERAL/PRIME CONTRACTOR SHORTLY AFTER CONTRACT AWARD AND EXECUTION SHALL NOTIFY AND COORDINATE WITH THE VA/COR, ALL SUCH KNOWN EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH ALL POSSIBLE IMPACTS FROM THE SPECIFIC BOD REQUIREMENTS PROVIDED IN THE DRAWINGS AND SPECIFICATIONS.
- 4. ALL SUCH IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.
- THE GENERAL/PRIME CONTRACTOR WILL ALSO BE RESPONSIBLE TO FULLY IDENTIFY AND COORDINATE ALL EQUIVALENCY SUBSTITUTION IMPACTS WITH ALL AFFECTED CONTRACTORS AND TRADES TO BE SURE THAT ALL SUCH WORK IS INCLUDED IN THEIR SCOPE OF WORK.

# (STEP 07) TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS:

- 1. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL PREPARE A COMPLETE MASTER LISTING, BY SPECIFICATION AND/OR DRAWING SECTIONS, OF ALL PROPOSED EQUIVALENT SUBSTITUTION REQUESTS
- 2. THIS MASTER LISTING WILL CONSIST OF A SUMMARY DESCRIPTION OF EACH REQUEST ALONG WITH A BULLET POINT LISTING OF THE MAJOR IMPACTS, DEPARTURES, ALTERATIONS AND ADJUSTMENTS REQUIRED RESULTING FROM IT.
- 3. THIS DOCUMENT WILL BE PREPARED AS A SPREAD SHEET AND UTILIZED AS A TRACKING TOOL FOR DOCUMENTING ALL SIGNIFICANT ASSOCIATED DATES, ACTION ITEMS, CURRENT STATUS, REJECTIONS, RESUBMISSIONS, APPROVALS AND ADDITIONAL PERTINENT ISSUES AND ITEMS TO BE RECORDED AND TRACKED AS REQUIRED BY THE VA/COR.

# (STEP 08) EQUIVALENCY REQUEST(S) SUBMITTED TO VA:

THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL SUBMIT TO THE VA/COR FOR PRELIMINARY REVIEW A MASTER SUMMARY LISTING OF ALL EQUIVALENT SUBSTITUTION REQUESTS WITH ANY/ALL IMPACTS IDENTIFIED

- A MINIMUM OF TWO WEEKS PRIOR TO THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE.
- A SEPARATE FULLY DETAILED SUBMISSION DOCUMENTATION PACKAGE SHALL BE PREPARED FOR EACH SUBSTITUTION REQUEST AND WILL CONSIST OF STEPS NUMBER 2, 3, 4 & 5 ALONG WITH ANY ADDITIONAL PERTINENT INFORMATION DEEMED NECESSARY SUCH AS SKETCHES, DETAILED DRAWINGS, ENGINEERING DESIGN AND CALCULATIONS, MORE DETAILED DESCRIPTIONS, ETC. THIS SUBMISSION DOCUMENTATION PACKAGE SHALL BE SUBMITTED WITH THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE TO THE VA/COR.

#### (STEP 09) VA REVIEW AND ACTION NOTIFICATION:

- THE VA/COR SHALL REVIEW EACH SUBSTITUTION REQUEST PACKAGE AND TAKE SUCH ACTION AS DEEMED NECESSARY ON EACH. SUCH ACTION COULD CONSIST OF REJECTION, APPROVAL OR DIRECTION ON PROVIDING MORE DETAILED INFORMATION AND/OR CLARIFICATION(S) ON EACH SUBMISSION AND/OR EACH IMPACT.
- 2. AS PART OF THE VA'S REVIEW PROCESS THE A/E WILL ALSO BE INCLUDED IN A SIMILAR FASHION TO THE SHOP DRAWING REVIEW PROCESS AND SHALL CONSULT WITH THE VA/COR AND PROVIDE A RECOMMENDATION FOR THE VA'S CONSIDERATION.
- 3. THE A/E WILL REJECT IMMEDIATELY WITHOUT REVIEWING ANY SUBMITTAL THAT IS DEEMED INCOMPLETE AND NOT IN COMPLIANCE WITH THE BOD PROTOCOLS COMPLIANCE REQUIREMENTS.
- 4. IT SHOULD BE NOTED THAT IT IS NOT THE VA'S OR THE A/E'S RESPONSIBILITY TO RESEARCH, DOCUMENT AND PROVE EQUIVALENCY, THAT IS THE REQUESTING/SUBMITTING CONTRACTOR'S RESPONSIBILITY AS PER THESE PROTOCOLS. THE A/E'S RESPONSIBILITY IS TO REVIEW AND ANALYZE THE DETAILED COMPARATIVE DOCUMENTATION AS PROVIDED AND ADVISE THE VA/COR ON WHAT WAS SUBMITTED.

#### (STEP 10) VA APPROVAL ALLOWS SHOP DRAWING PROCESS TO BEGIN:

1. PRIOR TO THE CONTRACTOR(S) BEING ALLOWED TO PROCEED WITH SHOP DRAWING PREPARATION AND THE OFFICIAL SHOP DRAWING SUBMISSION(S) PROCESS, THEY WILL FIRST NEED TO OBTAIN THE VA/CO APPROVAL(S) ON EACH EQUIVALENT SUBSTITUTION REQUEST THAT WILL AFFECT THE SHOP DRAWING PROCESS FOR THAT SPECIFIC ITEM AND AREA OF WORK.

### (STEP 11) IMPLEMENTATION OF SUBSTITUTION(S) AND IMPACT(S):

- ONCE APPROVED BY THE VA/CO THE CONTRACTORS SHALL PERFORM THEIR FINAL COORDINATION EFFORTS AND BEGIN THE NORMAL SHOP DRAWING PREPARATION AND SUBMITTAL PROCESS INCLUDING PROVIDING ANY ADDITIONAL ENGINEERING WORK NECESSITATED BY THE EQUIVALENT SUBSTITUTION.
- 2. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK ASSOCIATED WITH AND IMPACTED BY ANY EQUIVALENT SUBSTITUTION ALONG WITH THE COMPLETE COORDINATION AND MANAGEMENT OF THE WORK WITHOUT ADDITIONAL COST TO THE GOVERNMENT.

06/02/2023 - ISSUE FOR BID

6 ISSUE FOR BID 06/02/23

5 CONSTRUCTION DOCUMENTS (CD 2 - 100%) 01/27/23

4 CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22

3 DESIGN DEVELOPMENT (DD 2 - 75%) 10/11/22

2 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22

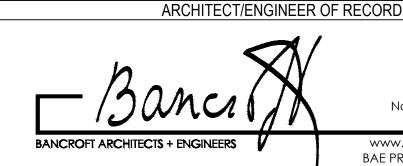
1 DESIGN DEVELOPMENT (DD 1 - 50%) 02/26/20

No REVISION DATE

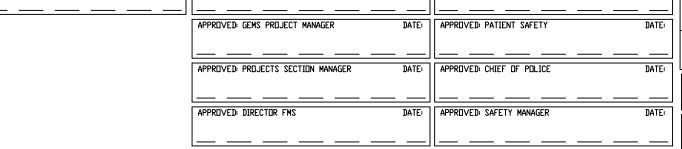
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.

Print Name: DENNIS J MIKA

Signature: License # 56382







DATE: APPROVED: INFECTION CONTROL NURSE

DATE: APPROVED: SERVICE LINE DIRECTOR

DRAWING TITLE

GENERAL - CONTRACTOR AND
B.O.D. PROTOCOL NOTES

APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR

DATE:

DATE:

DATE:

DATE:

CONSTRUCT/REPLACE
BUILDING 50 MEP SYSTEMS

PROJECT TITLE

CONSTRUCT/REPLACE
BUILDING 50 MEP SYSTEMS

PROJECT NO.
656-19-309

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ST. CLOUD VAHCS
ST. CLOUD, MN 56303

DWG. OF





U.S. Department
of Veterans Affairs
Veterans Health
Administration
St. Cloud VA
Health Care System

# OCCUPIED AREA PROTECTION PROTOCOLS

VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VA/COR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING CONSTRUCTION WORK (DEMOLITION OR NEW) IN OCCUPIED SPACES, THE FOLLOWING PROTECTION PROTOCOLS WILL BE FOLLOWED ON A DAILY BASIS UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS:

- 1. CAREFULLY MOVE/RELOCATE ANY SIGNAGE, WALL HUNG ITEMS, BLINDS, CURTAINS, ETC. THAT ARE WITHIN THE AREA/ZONE WHERE THE WORK IS TO BE ACCOMPLISHED AND IN DANGER OF BEING DAMAGED BY THE PERFORMANCE OF THE WORK, INCLUDING DAMAGE THAT CAN BE CAUSED BY FALLING OBJECTS, DUST OR MOISTURE. NOTE: THIS ALSO APPLIES TO THE DIRECT ACCESS ROUTE(S) THRU THE OCCUPIED AREA(S) TO AND FROM THE ACTUAL WORK AREA/ZONE. NOTE: THE VA/COR WILL BE RESPONSIBLE TO MOVE/RELOCATE ANY FURNITURE, EQUIPMENT, BOXES, FILES, USER BELONGINGS, ETC. THAT WOULD BE IN THE AREA OF WORK AND OBSTRUCT/INTERFERE WITH THE PERFORMANCE OF THE CONTRACTOR'S WORK. COORDINATE ALL REQUIRED VA RELOCATIONS WITH VA/COR.
- 2. CAREFULLY PROVIDE FULL PROTECTIVE DUST, MOISTURE AND DAMAGE PREVENTION BARRIERS/COVERS FOR ALL SUCH ITEMS ADDRESSED ABOVE INCLUDING THE ADDITIONAL PROTECTION OF ALL WALL SURFACES/FINISHES, WINDOWS/GLAZING, DOORS, FRAMES, HARDWARE, CARPETING, FLOOR COVERINGS, WALL BASE, ELECTRICAL DEVICES, WALL/CEILING MOUNTED EQUIPMENT & CONTROLS, CEILING CONSTRUCTION, TILE, GRID, WALL ANGLES, LIGHT FIXTURES, DIFFUSERS, GRILLES, LIFE SAFETY DEVICES, FIRE SPRINKLER HEADS, ETC.
- 3. FLOOR FINISHES SHALL BE PROTECTED THROUGHOUT THE AREA WITH A 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN) AND/OR TEMPORARY TARPAULIN(S)/DROP CLOTH(S) AS A MINIMUM FOR DUST, MOISTURE AND VERY LIGHT FOOT TRAFFIC PROTECTION.
- 4. ALL MAIN TRAFFIC AREAS TO AND INSIDE THE WORK ZONE/AREAS SHALL HAVE ADDITIONAL PROTECTION PROVIDED OVER THE 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN THE FORM OF FULL SHEETS OF 3/16" TEMPERED HARDBOARD (MASONITE) 4'X8' PANELS. ALL MASONITE PANELS SHALL BE FIRMLY HELD TOGETHER AND SECURED IN PLACE VIA THE USE OF AN INDUSTRY APPROVED 2" HEAVY DUTY CONSTRUCTION ADHESIVE TAPE, INTENDED FOR THIS APPLICATION. NOTE: ALL BOARD TO BOARD JOINTS WILL BE FULLY TAPED THE LENGTH OF THE JOINT AND ALL BOARD TO VISQUEEN JOINTS WILL BE TAPED AT 4' ON CENTER WITH A MINIMUM 8" LENGTH OF TAPE. PAINTERS TAPE AND/OR MASKING TAPE ARE NOT CONSIDERED EQUIVALENTS TO THE HEAVY DUTY CONSTRUCTION ADHESIVE TAPE BEING SPECIFIED.
- CONSTRUCT A TEMPORARY FULL HEIGHT, FULLY SEALED, CONTAINMENT ENCLOSURE AROUND ALL CONSTRUCTION AREAS/ZONES IN ORDER TO CONTAIN AS MUCH DUST AND DEBRIS AS POSSIBLE DURING THE PERFORMANCE OF ANY DEMOLITION, CONSTRUCTION AND CLEAN-UP WORK.
- THE TEMPORARY FULL HEIGHT CONTAINMENT ENCLOSURES SHOULD BE CONSTRUCTED OF A MINIMUM 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN) WITH THE USE OF THE APPROPRIATE TELESCOPICALLY ADJUSTABLE ALUMINUM OR METAL VERTICAL SPRING LOADED SUPPORT STUDS/POLES. FULL HEIGHT FOAM PADDED RAILS, PRESSURE FIT AT ALL PERIMETER WALL/PARTITION CONNECTION CONDITIONS ARE TO BE UTILIZED IN ORDER TO MINIMIZE THE USE OF TAPE SEALS ON ALL FINISHED WALL SURFACES.
- 7. WHEN ALL WORK IS COMPLETED FOR THE PREARRANGED SPECIFIC LOCATION(S), SCHEDULED TASKING AND IDENTIFIED PERIOD OF TIME THE ENTIRE AREA IS TO BE FULLY CLEANED-UP, ALL TEMPORARY CONTAINMENT ENCLOSURES AND PROTECTION REMOVED WITH ALL ITEMS IDENTIFIED IN NOTE #1 RETURNED TO THEIR PRIOR FUNCTIONING POSITIONS. NOTE: FULLY CLEANED-UP MEANS COMMERCIALLY VACUUM CLEANED WITH ALL SURFACES BEING FULLY WIPED DOWN AND DUST FREE AS THE CONTRACTOR ACCEPTED THE AREA/SPACE PRIOR TO PERFORMING THE WORK.
- 8. ALL SPACES WILL BE RETURNED TO THE USER, BY THE CONTRACTOR, AS A COMMERCIALLY CLEAN ENVIRONMENT WITH ALL OPEN CONSTRUCTION SURFACES SEALED WITH TEMPORARY CONSTRUCTION MATERIALS INCLUDING THE USE OF 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN ORDER TO AVOID DUST PARTICLES FROM THE CONSTRUCTION AREA MIGRATING INTO THE OCCUPIED USER'S AREA/SPACE/ROOM(S).
- 9. UNLESS DIRECTLY SPECIFIED AND CONFIRMED BY THE VA/COR OTHERWISE, ALL TEMPORARY PROTECTION AND ENCLOSURES ARE TO BE SET-UP AND KNOCKED-DOWN ON A DAILY BASIS SUCH THAT THE USERS OF THE OCCUPIED AREAS ARE NOT TO BE INCONVENIENCED AND PREVENTED FROM FUNCTIONING WITHIN THEIR SPACE/AREA/ROOM(S) DURING THEIR NORMAL BUSINESS HOURS OF OPERATION.
- 10. THE BASIS OF DESIGN FOR ALL 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING WILL BE IN FULL COMPLIANCE WITH NFPA 701-04, ASTM E84 AND CPAI 84 SECTION 6. IT SHALL BE MANUFACTURED WITH 3 PLY CONSTRUCTION CONSISTING OF FIRE RETARDANT VIRGIN POLYETHYLENE IN THE (2) OUTER LAYERS OF PLASTIC WITH A DIAMOND SCRIM REINFORCING MESH PLACED BETWEEN.
- 11. MOBILE CONTAINMENT SYSTEMS MAY BE UTILIZED WHERE APPLICABLE, IF APPROVED FOR USE BY THE VA/COR. MOBILE UNITS SHALL BE FULLY EQUIPPED WITH A NEGATIVE AIR HEPA FILTRATION SYSTEM THAT IS IN COMPLIANCE WITH THE INFECTION CONTROL REQUIREMENTS OF EACH SPECIFIC AREA OF WORK AND TASK BEING PERFORMED.

# GENERAL NOTES-WALL AND CEILING PAINTING

WHEREVER THE WORK BEING PERFORMED BY THIS PROJECT REQUIRES THE REMOVAL/DEMOLITION FROM, OR THE INSTALLATION OF NEW CONDUIT, JUNCTION BOXES, CABINETS, PANELS, DEVICES, EQUIPMENT, ETC., TO FINISH PAINTED SURFACES, THE CONTRACTOR SHALL PROVIDE ALL PAINTING TO THE EXISTING WALL/CEILING SURFACES AND NEW MATERIALS BEING INSTALLED TO MATCH ALL OF THE EXISTING FINISHED CONDITIONS SO THAT WHEN THE WORK PERFORMED IS COMPLETED IT BLENDS WITH THE EXISTING FINISHING DÉCOR AND DOESN'T STAND OUT AS BEING A REPAIR, UNFINISHED OR NEW WORK THAT DOESN'T BLEND WITH THE EXISTING CONDITIONS. PAINTING/REPAINTING SHALL OCCUR IN ALL INSTANCES FROM FLOOR TO CEILING AND FROM A WALL CORNER TO A WALL CORNER CHANGE IN PLANE WITH ALL EXISTING PAINTED SURFACES RECEIVING A NEW FINISH COAT AS A MINIMUM, SEE BELOW:

- 1. PROVIDE ALL PAINTING AND RELATED WORK AS SHOWN ON THE DRAWING AND/OR AS REASONABLY IMPLIED BY THE SPECIFICATIONS AND THE PROJECT REQUIREMENTS TO PROVIDE A COMPLETELY FINISHED PROJECT.
- 2. ALL SCRATCHES, DENTS, CRACKS AND/OR OPENINGS ON EXISTING AND NEW WALL SURFACES ARE TO BE FILLED WITH PLASTER PATCH, SPAKLING COMPOUND OR OTHER PRESCRIBED MATERIAL IN AN INDUSTRY APPROVED MANNER AND SANDED SMOOTH TO PROVIDE A "LIKE NEW" SURFACE CONDITION BEFORE PAINTING AND FINISHING.
- ALL SURFACES ARE TO BE CLEANED FREE OF LOOSE DIRT, DUST, OIL, GREASE AND ALL FOREIGN MATTER JUST PRIOR TO FINISHING.
- 4. PROVIDE ALL LABOR, MATERIALS, BRUSHES, TOOLS, LADDERS AND ALL EQUIPMENT OF ANY KIND NECESSARY FOR PROPER EXECUTION OF THE WORK.
- 5. WORKMANSHIP SHALL BE FIRST CLASS IN EVERY RESPECT WITH ALL MATERIALS EVENLY SPREAD AND SMOOTH WITHOUT RUNS, SAGS, OR DEBRIS IN THE FINISHED SURFACE.
- 6. FIRST CLASS WORKMANSHIP: AN INDUSTRY, DISCIPLINE AND SPECIFIC TRADE RECOGNIZED BEST PRACTICES FOR MATERIALS PROVIDED, INSTALLATION TECHNIQUES UTILIZED AND THE FINAL EXECUTION SUCH THAT ALL MATERIALS AND/OR EQUIPMENT IS PROPERLY INSTALLED, FUNCTIONING CORRECTLY, VISUALLY AS INTENDED AND CLEARLY REPRESENTATIVE OF THE HIGHEST QUALITY OF PROFESSIONAL INSTALLATION THAT IS WITHOUT DEFECT.
- 7. THE PRIME COAT SHALL BE TINTED TO APPROXIMATE SHADE OF FINAL COAT. ALL SECTIONS, SPOTS OR HOT SPOTS AFTER PRIMARY APPLICATION SHALL BE TOUCHED-UP BEFORE APPLYING THE SECOND COAT TO PRODUCE A SMOOTH AND LEVEL SURFACE. THE FINAL COAT SHALL NOT BE APPLIED UNTIL AFTER ALL OTHER TRADES, WHOSE OPERATIONS WOULD BE DETRIMENTAL TO FINISH PAINTING, HAVE FINISHED THEIR WORK IN THE AREAS TO BE PAINTED.
- 8. WORK NOT INCLUDED: UNLESS OTHERWISE INDICATED, SHOP PRIMING OF FERROUS METAL ITEMS AND FABRICATED COMPONENTS ARE INCLUDED UNDER THEIR RESPECTIVE TRADES. PRE-FINISHED ITEMS ARE NOT INCLUDED. FINISHED METALS SUCH AS ANODIZED ALUMINUM, STAINLESS STEEL, BRONZE, AND SIMILAR METALS WILL NOT BE PAINTED, UNLESS OTHERWISE SPECIFIED. DO NOT PAINT ANY MOVING PARTS OF OPERATING UNITS, OR OVER ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATINGS, NAMES OR NOMENCLATURE PLATES OR CODE-REQUIRED LABELS.
- 9. PROTECT WORK OF OTHER TRADES. CORRECT ANY PAINTING RELATED DAMAGES BY CLEANING, REPAIRING OR REPLACING, AND REFINISHING, AS DIRECTED BY THE COR.
- 10. PROPERLY PREPARE ALL SURFACES TO RECEIVE FINISHES AND APPLY PRIME COATS, PAINTING AND FINISHING MATERIALS IN ACCORDANCE WITH EACH MANUFACTURER'S DIRECTIONS FOR A QUALITY APPLICATION. USE APPLICATORS AND TECHNIQUES BEST SUITED FOR MATERIALS AND SURFACES TO WHICH APPLIED.
- 11. APPLY ADDITIONAL COATS WHEN UNDERCOATS, STAINS OR OTHER CONDITIONS SHOW THROUGH FINAL PAINT OR FINISHED COAT, UNTIL THE SURFACE FILM IS OF UNIFORM FINISH COLOR AND APPEARANCE.
- 12. APPLY EACH MATERIAL AT NOT LESS THAN THE MANUFACTURER'S RECOMMENDED SPREADING RATE, TO PROVIDE A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 2.5 MILS FOR ENTIRE COATING SYSTEM OF (1) PRIME AND (2) FINISH COATS FOR 3 COAT WORK ON PAINTED SURFACES. COR SHALL INSPECT BETWEEN EACH PRECEDING COAT.
- 13. PAINTED SURFACE PREPARATION COMPLY WITH PAINT MANUFACTURER'S RECOMMENDATIONS FOR EACH MATERIAL TYPE AND SURFACE FINISH AS PER THEIR REFERENCE GUIDE AND SPECIFICATIONS.
- 14. METAL SURFACE PREPARATION ALL METAL SURFACES TO BE PAINTED MUST BE CLEAN AND FREE OF RUST, MILL SCALE, GREASE, OIL, DIRT AND OTHER FOREIGN MATTER. ALL ALUMINUM MUST BE CLEANED WELL IN ORDER TO REMOVE ALL SURFACE FILM AND OILS, AND SHALL BE PROPERLY PRIMED IN ACCORDANCE WITH THE PAINT MANUFACTURER'S RECOMMENDATIONS.
- 15. ANY STEEL BEAMS INSTALLED SHALL BE PRIMED, AT A MINIMUM.

# CEILING GENERAL NOTES

- CENTER ALL CEILING GRIDS IN ROOMS TO MAXIMUM EXTENT POSSIBLE, UNLESS OTHERWISE NOTED. SEE CEILING PLANS FOR COMPLETE INFORMATION.

  COORDINATE WITH SPRINKLER, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS
- 2. CENTER ALL FIXTURES WITHIN CEILING TILE UNLESS OTHERWISE NOTED. COORDINATE WITH ELECTRICAL DRAWINGS.
- 3. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS, SHEET 1600.
- 4. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING ACCESS POINTS WHICH MAY BE REQUIRED AT AREAS FOR MECHANICAL AND ELECTRICAL SERVICE WORK.
- . ALL ELECTRICAL AND SAFETY DEVICES SHALL BE CENTERED IN CEILING GRIDS AND COORDINATE WITH ELECTRICAL DRAWINGS.
- 6. COORDINATE THE LOCATIONS OF MECHANICAL SUPPLY AND RETURN GRILLES WITH MECHANICAL DRAWINGS.
- 7. RELOCATE EXISTING SPRINKLER HEADS AS PER NEW REFLECTED CEILING PLAN GRIDS.
- 8. RELOCATE EXISTING SPRINKLER HEADS WHERE SPRINKLER HEADS CONFLICT WITH LIGHTING, GRIDS OR DEVICES.
- 9. COORDINATE LOCATION WITH DIFFUSERS AND LIGHTING LAYOUT.
- 10. SPRINKLER MAIN TO REMAIN.

# CONSTRUCTION PERIOD STAGING OF WORK GENERAL NOTES

NORMAL WORK SHIFT HOURS FOR THE ST. CLOUD VA HEALTH CARE SYSTEM IS

8:00 AM UNTIL 4:30 PM DAILY, MONDAY THROUGH FRIDAY

- 1. CERTAIN WORK ITEMS AND CONSTRUCTION ACTIVITIES THAT CREATE NOISE, DUST, VIBRATIONS AND THAT WOULD CREATE DISTURBANCES TO THE VA HEALTH CARE SYSTEM AND/OR ANY OF THE ADJACENT OCCUPIED AREAS WILL NEED TO BE PERFORMED DURING PERIODS OF AFTERHOURS/OFF-HOURS WORK. ITEMS THAT WILL REQUIRE AFTER HOURS ACTIVITIES SHALL BE FULLY COORDINATED WITH VA COR PRIOR TO START OF CONSTRUCTION.
- 2. AFTERHOURS/OFF-HOURS OF OPERATION SHALL BE SCHEDULED FOR THE FOLLOWING DAYS AND TIMES AS COORDINATED, SCHEDULED AND AUTHORIZED BY THE COR:
- a. MONDAY THROUGH FRIDAY 4:30 PM UNTIL 8:00 AM

4. THE FOLLOWING CONSTRUCTION ACTIVITIES MAY BE CONSIDERED

- b. WEEKENDS (AS ALLOWED) TIMES TO BE DETERMINED WITH THE COR
- AFTERHOURS/OFF-HOURS OPERATIONS:
- a. THE MOVING OF CONSTRUCTION MATERIALS, EQUIPMENT, TOOLS AND/OR DEMOLITION MATERIALS TO/FROM THE EXTERIOR TO INTERNAL AREAS OF WORK
- b. ALL WORK IN THE ADJACENT OCCUPIED SPACES TO THE CURRENT STAGE/AREA OF WORK
- c. ALL WORK THAT WILL REQUIRE SYSTEM SHUTDOWNS
- d. ALL CONCRETE OR METAL DECKING CORING, CUTTING OR DRILLING
- e. THE APPROVED USE OF POWER ACTUATED FASTENERS
- f. ALL WORK (DEMOLITION OR NEW) THAT WILL CAUSE IMPACT NOISE AND VIBRATIONS
  THAT CAN BE HEARD OR FELT IN THE SURROUNDING ADJACENT OCCUPIED
  SPACES/AREAS
- 5. CONTRACTOR MUST PARK WITHIN APPROVED CONSTRUCTION AREA OR AT DESIGNATED AREAS AT FAR PORTIONS OF EXISTING CAMPUS PARKING LOTS. CAMPUS PARKING IS LIMITED AND PRIORITY IS GIVEN TO PATIENTS AND STAFF.
- 6. WEEKEND AND HOLIDAY HOURS SHALL BE COORDINATED WITH VA COR PRIOR TO START OF CONSTRUCTION.

# GENERAL SCOPE OF WORK (SOW) DESCRIPTION

<u>GENERAL</u>

THE SCOPE OF THE PROJECT IS TO UPGRADE THE HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM IN THE BASEMENT OF BUILDING 50 CONSTRUCT NEW MECHANICAL ROOM IN BASEMENT TO HOUSE AIR HANDLING UNIT. REPLACE ALL EXISTING LIGHTING IN BASEMENT WITH LED LIGHTING IN SAME LOCATION. REPLACE ALL CORRODED PLUMBING PIPING IN CRAWLSPACE. REPLACE FINISHES IN ROOM 7 AND ROOM 10 OF BASEMENT TO GIVE ROOMS BETTER MOISTURE PROTECTION.

# BID DEDUCT ALTERNATES

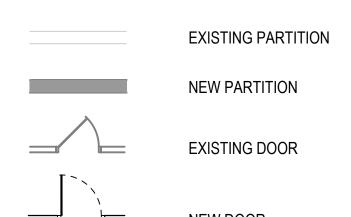
ALT 1. ALL WORK ASSOCIATED WITH INSTALLATION OF NEW AIR HANDLING UNIT AND REMOTE CHILLER INCLUDING, BUT NOT LIMITED TO DUCTWORK, PIPING, ELECTRICAL CONDUIT AND CONDUCTOR, STRUCTURAL STEEL, AND OTHER ASSOCIATED EQUIPMENT. THIS WORK MAY BE COMPLETED IN PROJECT 656-16-278.

DUCTWORK FOR ROOM 4 WILL NEED TO BE MODIFIED TO ACCOMMODATE NEW ACOUSTIC TILE CEILING.

# **MISCELLANEOUS**

- 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.
- 2. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF DIMENSIONS SHOWN ON THE DRAWINGS. NOTIFY THE VA/COR OF ANY DISCREPANCY BEFORE STARTING WORK.
- 3. A SUCCESSFUL REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE ARCHITECT/ENGINEER DOES NOT RELIEVE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO VA/COR. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO DETAILS AND GIVEN DIMENSIONS IN THE CONTRACT DOCUMENTS.
- 4. CONTRACTOR SHALL OBTAIN VA/COR WRITTEN APPROVAL PRIOR TO PROCEEDING WITH ANY CHANGES FROM THE INFORMATION PROVIDED HEREIN.

# FLOOR PLAN LEGEND



06/02/2023 - ISSUE FOR BID

CONSTRUCT/REPLACE

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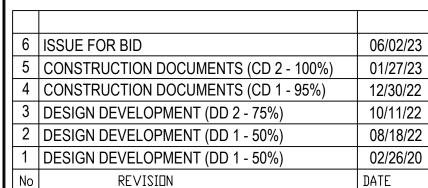
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DATE: LOCATION ST. CLOUD VAHCS

PROTOCOL SOW AND MISC NOTES | BUILDING 50 MEP SYSTEMS







I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.

Print Name: DENNIS J MIKA

Signature: License # 56382

BANCROFT ARCHITECTS + ENGINEERS

ARCHITECT/ENGINEER OF RECORD

3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

APPROVED: PROJECTS SECTION MANAGER

DATE:

APPROVED: CHIEF OF POLICE

DATE:

APPROVED: SAFETY MANAGER

DATE:

DATE:

DATE: APPROVED: INFECTION CONTROL NURSE

GENERAL - PROTECTION

APPROVED: HEALTH CARE SYSTEM DIRECTOR

APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR

DATE: APPROVED: SERVICE LINE DIRECTOR

# GENERAL DEMOLITION NOTES

GENERAL NOTES FOR CONTRACTORS: SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.

PROTECTION PROTOCOLS: VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VA/COR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING DEMOLITION WORK IN ANY OCCUPIED SPACES FOLLOW THE "OCCUPIED AREAS PROTECTION PROTOCOLS" UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS.

- 1. BEFORE BEGINNING ANY DEMOLITION WORK EACH CONTRACTOR AND DISCIPLINE SHALL PERFORM A FULL EXAMINATION OF ALL AREAS OF WORK AND FULLY VERIFY ALL EXISTING CONDITIONS ALONG WITH ALL OF THE AREAS OF WORK FOR ANY UNFORESEEN CONDITIONS OR DISCREPANCIES FROM THE DOCUMENTATION THAT WOULD AFFECT THEIR WORK AND/OR THE WORK OF OTHERS. ANY UNFORESEEN CONDITIONS OR DISCREPANCIES DISCOVERED ARE TO BE IMMEDIATELY IDENTIFIED AND COORDINATED WITH THE GENERAL/PRIME CONTRACTOR WHO SHALL IN TURN DOCUMENT AND PROMPTLY REPORT ANY SUCH CONDITIONS DIRECTLY TO THE VA/COR FOR DIRECTION ON HOW TO PROCEED BEFORE ALLOWING ANY WORK TO BEGIN.
- 2. ALL REQUIRED DEMOLITION WORK IS NOT NECESSARY LIMITED TO WHAT IS ONLY SPECIFICALLY SHOWN OR DIRECTLY CALLED OUT ON THE DEMOLITION PLANS OR THAT IS ONLY SPECIFICALLY IDENTIFIED WITHIN THE DEMOLITION NOTES DESCRIPTIONS. THE INTENT OF THE DOCUMENTATION IS TO GENERALLY IDENTIFY THE MORE SPECIFIC MAJOR ELEMENTS OF WORK IN PLACE THAT SHALL REQUIRE REMOVAL AND/OR REWORK IN ORDER TO ACCOMPLISH THE DESIGN INTENT OF THE DOCUMENTS. THE FULL EXTENT OF DEMOLITION WORK COULD INCLUDE BUT NOT NECESSARILY BE LIMITED TO ALL AFFECTED LESSER ELEMENTS OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, MEDICAL GASES, FIRE PROTECTION SPRINKLER SYSTEMS AND ALL ELECTRICAL SYSTEMS WORK INCLUDING HIGH AND LOW VOLTAGE POWER, COMMUNICATION SYSTEMS SUCH AS CCTV, SECURITY, IT DATA, LIFE SAFETY, FIRE PROTECTION, NURSE CALL, PA, BAS CONTROLS SYSTEMS, TEMPERATURE AND OTHERWISE, ETC.
- 3. ALL REQUIRED DEMOLITION WORK IS NECESSARY TO FACILITATE THE EXTENT OF BOTH THE NEW CONSTRUCTION WORK AS WELL AS TO FACILITATE THE REPLACEMENT, RELOCATION AND/OR THE REWORKING OF THE EXISTING SYSTEMS. ANY REWORKING OF THE CURRENT ELEMENTS AND COMPONENTS CURRENTLY NEEDING TO BE MODIFIED IN ORDER TO PROPERLY SUPPORT THE COMPLETED PROJECT SHALL BE PROVIDED AS INTENDED TO CONFORM WITH THE ORIGINAL DESIGN INTENT WHETHER SPECIFICALLY CALLED FOR IN GREAT DETAIL WITH EVERY ANCILLARY ELEMENT FULLY NAMED AND IDENTIFIED OR AS CALLED OUT AS A GENERAL COMPONENT PORTION OF WORK THAT NEEDS TO BE PROPERLY REMOVED IN ORDER TO COMPLETE THE SCOPE OF WORK AS INTENDED TO COMPLY WITH ALL BASIS OF DESIGN REQUIREMENTS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS. CEILINGS. SUSPENSION SYSTEMS. FLOORING, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS. FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES ABOVE AND BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN IN GREAT DETAIL ON THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITION WORK, BUT NOT LIMITED TO, ARE CASEWORK, SHELVING, BRACKETS, STANDARDS, DOOR HARDWARE, MISCELLANEOUS OTHER HARDWARE, SIGNAGE, FLOORING MATERIALS, WALL BASE, WOOD GROUNDS WALL COVERING MATERIALS, BACKING LINERS OR BOARDS, ANY REMAINING MASTIC. GROUT. CAULKING AND SEALANTS. EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, BACKER BOARDS OR METAL PLATES, CHAIR RAILS, BRACKETS, HOOKS, SURFACE MOUNTED OR RECESSED ACCESSORIES, PRIVACY CURTAINS AND TRACKS, ETC.
- 5. ALL DEMOLITION WORK SHALL BE PERFORMED IN A SYSTEMATICALLY SAFE FULLY SUPERVISED COORDINATED AND PROPERLY MANAGED SEQUENCE OF WORK UNDER THE DIRECT SUPERVISION OF THE GENERAL/PRIME CONTRACTOR'S SUPERINTENDENT AND/OR THEIR MANAGEMENT PERSONNEL INCLUDING THE PERFORMANCE OF ANY ANCILLARY ELEMENTS OF SELECTIVE DEMOLITION.
- 6. ALL DEMOLITION, THE HANDLING OF MATERIALS AND EQUIPMENT ALONG WITH THE MOVEMENT OF THESE ELEMENTS THROUGHOUT THE FACILITY SHALL BE PERFORMED SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES TO REMAIN AS WELL AS TO PROVIDE SAFETY FOR ALL TRADESPEOPLE, STAFF, RESIDENTS/PATIENTS, VISITORS AND SERVICE PROVIDERS.
- 7. PROVIDE ALL PHYSICAL AND ENVIRONMENTAL PROTECTIVE MEASURES AS REQUIRED BY THE PROJECT DOCUMENTS, VA FEDERAL AND LOCAL REQUIREMENTS, APPLICABLE OSHA REGULATIONS, THE STATION AND ALL LOCAL INFECTION CONTROL AUTHORITIES, NFPA REQUIREMENTS, THE VA/COR AND ALL OTHER REGULATORY AGENCIES AND VA AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
- 8. PROVIDE ALL TEMPORARY PARTITIONS, PROTECTION, DOOR ACCESS UNITS, ENCLOSURES, WALKWAYS, FENCING, RAILINGS, CANOPIES, AIR FILTRATION DEVICES, VESTIBULES, AIRLOCKS, ETC., WHERE REQUIRED BY THE CONTRACT DOCUMENTS, THE VA/COR AND ALL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT AND SHALL BE SURE TO MAINTAIN ADEQUATE AND SAFE EMERGENCY MEANS OF EGRESS FROM ALL AREAS. ALL SUCH WORK NEEDING TO BE PROVIDED WILL REQUIRE VA/COR REVIEW AND APPROVAL BEFORE BEGINNING ANY OF SUCH WORK.
- 9. GREAT CARE SHALL BE TAKEN WHEN PERFORMING SELECTIVE DEMOLITION IN THE UTILIZATION OF MORE SENSITIVE AND LESS EVASIVE METHODS OF DEMOLITION/REMOVAL, AS WELL AS PROVIDING THE APPROPRIATE ENHANCED PROTECTIVE BARRIERS IN ORDER TO PROVIDE FOR THE LEAST AMOUNT OF DAMAGE TO THE WORK THAT IS TO REMAIN IN PLACE. EXISTING FINISHED

SURFACES, MATERIALS AND EXPOSED EQUIPMENT THAT WOULD RECEIVE SIGNIFICANT AMOUNTS OF SURFACE DAMAGE AND WOULD REQUIRE SIGNIFICANT AMOUNTS OF PATCHING, REPAIRS AND REFINISHING WORK SHALL BE DEEMED AS DAMAGED AND UNUSABLE AND WILL NEED TO BE REPLACED IN WHOLE BY THE RESPONSIBLE CONTRACTOR AND ITS REPLACEMENT ONCE COMPLETED WILL NEED TO RECEIVE VA/COR APPROVAL.

- 10. WHERE EXISTING FLOOR FINISHES ARE TO BE FULLY REMOVED TO ALLOW FOR THE INSTALLATION OF NEW, PROVIDE FOR THE COMPLETE REMOVAL OF THE EXISTING FLOOR FINISHES ALONG WITH ALL ASSOCIATED ATTACHMENT SYSTEMS SUCH AS MASTICS, ADHESIVES, TACKLES STRIPS, STAPLES, SETTING BEDS OF GROUT, MORTAR OR CONCRETE, CARPET PADDING, ATTACHED SUBFLOORING MATERIALS, ETC. AS REQUIRED TO GET DOWN TO THE EXISTING STRUCTURAL FLOOR SUBSTRATE THAT CAN BE PROPERLY PATCHED, REPAIRED, LEVELED AND MADE READY TO RECEIVE THE NEW FLOOR FINISHES.
- 11. ITEMS INDICATED TO BE REMOVED AND SALVAGED FOR THE VA SHALL REMAIN THE VA'S PROPERTY AND SHALL BE CAREFULLY REMOVED, CLEANED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR RESPONSIBLE AT ALL TIMES. ALL SUCH ITEMS INDICATED TO BE SALVAGED WILL BE PACKAGED AND/OR CRATED AS REQUIRED BY THE VA/COR TO PROPERLY PROTECT THEM FROM DAMAGE CAUSED BY THE HANDLING, MOVING AND/OR THE STORAGE OF THESE ITEMS. ALL PACKAGES AND/OR CRATES OF ITEMS SHALL HAVE THEIR CONTENTS CLEARLY MARKED AND FULLY IDENTIFIED ON BOTH THE TOP AND ONE SIDE OF EACH CONTAINER TO BE COORDINATED WITH AND APPROVED BY THE VA/COR. DELIVER ALL SALVAGED MATERIALS TO THE LOCATIONS INDICATED IN THE PROJECT DOCUMENTATION OR TO THE GOVERNMENTS DESIGNATED STORAGE FACILITY ON THE STATIONS CAMPUS AS DIRECTED BY THE VA/COR.
- 12. UNLESS OTHERWISE INDICATED OR STATED TO BE SAVED, SALVAGED OR IDENTIFIED AS NEEDING TO REMAIN OR BE RELOCATED AND/OR REUSED, ALL ITEMS IDENTIFIED TO BE REMOVED, DEMOLISHED, SCRAPED, ETC. BECOMES THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR AND AS SUCH IT IS THEIR RESPONSIBILITY TO REMOVE ALL SUCH ITEMS FROM THE SIT ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.
- 13. DEMOLITION ITEMS OF VALUE TO THE CONTRACTOR(S) ARE NOT TO BE STORED ON SITE AND NEED TO BE REMOVED ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.
- 14. ALL ITEMS OF WORK THAT ARE IDENTIFIED AS EXISTING TO BE REMOVED AND REUSED/REINSTALLED SHALL BE CAREFULLY DISCONNECTED, DETACHED, REMOVED AND DISASSEMBLED AS REQUIRED FOR CONVENIENCE AND EASE OF HANDLING, MOVING, STORAGE AND FOR THEIR PROTECTION FROM DAMAGE. ALL SUCH ITEMS ARE TO BE INDIVIDUALLY WRAPPED, BOXED OR PLACED IN CARTONS FOR THE EASE OF HANDLING THE MATERIALS AND THEIR PLACEMENT IN A VA/COR IDENTIFIED PROTECTED STORAGE AREA (TBD) LOCATED ON THE STATION BUT NOT NECESSARILY CONVENIENT TO THE SITE OF THE WORK. EACH ITEM SHALL BE FULLY CLEANED, FREE FROM DAMAGE, PREPARED FOR SERVICE AND FULLY TESTED TO VERIFY ITS ABILITY FOR PROPER FUNCTIONAL REUSE PRIOR TO BEING PLACED IN STORAGE. THE CONTRACTOR TAKES RESPONSIBILITY FOR AND CERTIFIES ITS PERFORMANCE CAPABILITIES AND THE FACT THAT IT IS NOT DAMAGED AND FULLY CAPABLE FOR REUSE WHEN READY FOR ITS REINSTALLATION. IN THE EVENTUALITY THAT AN ITEM IS ULTIMATELY FOUND TO BE DAMAGED OR INOPERABLE AT THE POINT OF REINSTALLATION THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A NEW ITEM/DEVICE ALONG WITH ALL ANCILLARY SUPPORT WORK AND EQUIPMENT NECESSARY TO FULLY REPLACE THE EXISTING.
- 15. WHERE EXISTING MATERIALS, ITEMS OR EQUIPMENT ARE TO BE REMOVED FOR THEIR REPLACEMENT IN THE SAME LOCATION BY THE SAME OR SIMILAR NEW MATERIALS, ITEMS OR EQUIPMENT, CAREFULLY DISCONNECT, DETACH, DISASSEMBLE IF REQUIRED, REMOVE AND DISPOSE OF THE ITEMS INDICATED ALONG WITH ANY AND ALL ANCILLARY SYSTEM COMPONENTRY OR SUPPORT ITEMS ADDITIONALLY IDENTIFIED OR REQUIRED TO BE REPLACED.
- 16. WHERE STRUCTURAL SUPPORT OF EXISTING CONSTRUCTION ELEMENTS OR PORTIONS OF STRUCTURAL ELEMENTS TO REMAIN IS REQUIRED THE RESPONSIBLE CONTRACTOR PERFORMING THE WORK SHALL PROVIDE AND MAINTAINING ALL NECESSARY STRUCTURAL SUPPORTS, SHORING, STIFFENERS, BRACING, BEAMS, COLUMNS, FOOTINGS AND SUPPORTS AS NECESSARY TO ENSURE THE STABILITY OF THE ELEMENTS BEING SUPPORTED AND TO ADEQUATELY DISTRIBUTE ANY TEMPORARY LOADING SO AS NOT TO OVER LOAD ANY OF THE EXISTING STRUCTURE AND THE CONSTRUCTION BELOW. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL STRUCTURAL ENGINEERING ANALYSIS, CALCULATIONS AND SOLUTIONS FOR PROVIDING ANY SUCH WORK AND WILL NEED TO PROVIDE ALL SUCH PROPER DOCUMENTATION PREPARED BY A LICENSED STRUCTURAL ENGINEER TO THE VA/COR AS A SHOP DRAWING SUBMITTAL FOR PROPER REVIEW AND APPROVAL BEFORE BEING ALLOWED TO BEGIN ANY SUCH WORK
- 17. ALL EXISTING CONSTRUCTION OR ITEMS INDICATED TO REMAIN IN PLACE AND OPERATION SHALL BE PROTECTED FROM DAMAGE BOTH DURING THE DEMOLITION OPERATIONS AS WELL AS THE NEW CONSTRUCTION EFFORTS. WHERE PRACTICABLE, AND WITH THE VA/COR'S APPROVAL, THE CONTRACTOR MAY ELECT TO REMOVE SUCH ITEMS TO A SUITABLE STORAGE LOCATION DURING THE DEMOLITION PHASE AND THEN PROPERLY CLEAN AND REINSTALL THE ITEMS WHEN APPLICABLE. IN NO CASE SHALL ANY LIFE SAFETY DEVICES, SYSTEMS OR MEASURES BE COMPROMISED BY THE TEMPORARY REMOVAL OF ANY NECESSARY ELEMENTS OF WORK, FOR THE CONVENIENCE OF THE CONTRACTOR, THAT WERE NOT PROPERLY REPLACED IN KIND WITH A SIMILAR PROPERLY OPERATING TEMPORARY DEVICE.
- 18. DURING THE COURSE OF SELECTIVE DEMOLITION OR REMOVAL OPERATIONS AND THE EXISTING SUBSTRATE MATERIALS/CONSTRUCTION IS DAMAGED BEYOND REASONABLE REPAIR, THE CONTRACTOR SHALL BE RESPONSIBLE TO FULLY REPLACE THE ENTIRE DAMAGED SECTION AND/OR SECTIONS. THIS DAMAGED AREA SHALL BE REMOVED AND REPLACED AS REQUIRED TO REPAIR THE SUBSTRATE TO A LIKE NEW CONDITION THAT CONTAINS NO IRREGULAR JOINT CONNECTIONS, CONDITIONS, DEFECTS, WEAKNESS OR WILL CAUSE ADVERSE EFFECTS THAT WILL RESULT IN ANY DIFFERENTIAL FINISHED SURFACE CONDITIONS OR AREAS OF JOINT WEAKNESS THAT WILL RESULT IN SURFACE CRACKING AND BE APPARENT THAT THE CONDITION IS IN FACT A PATCH/REPAIR.

- 19. REFER TO ALL ENGINEERING DISCIPLINE DRAWINGS AND DOCUMENTATION FOR THE BASIC EXTENT BEING REQUIRED FOR ALL INFRASTRUCTURE AND SYSTEMS DEMOLITION AS WELL AS FOR IDENTIFYING ALL EXISTING EQUIPMENT, PIPING, CONDUITS, DUCTWORK, WIRING, CONTROLS, ETC. THAT ARE INTENDED TO REMAIN WITHIN ANY OF THE AREAS OF DEMOLITION, THE AREAS OF REWORKING OF EXISTING SYSTEMS AND THE AREAS OF NEW WORK.
- 20. UNLESS OTHERWISE NOTED ALL EXISTING PARTITION CONSTRUCTION WITHIN THE PROJECT AREA OF WORK SCHEDULED TO RECEIVE NEW FINISHES SHALL HAVE ALL EXISTING FINISHES REMOVED INCLUDING BUT NOT LIMITED TO ALL CERAMIC TILE, VINYL WALL COVERING, WOOD PANELING, WAINSCOT MATERIALS, GROUT, MASTIC, WALL COVERING BACKING, WALL BASE, ADHESIVE, STAPLES, EXPOSED FASTENERS, ETC. SUCH THAT THE SUB-STRAIGHT WALL/PARTITION SURFACES REQUIRE NO FURTHER DEMOLITION AND ARE PREPARED TO RECEIVE ALL REQUIRED PATCHING, REPAIRS, RESURFACING AND REFINISHING AS REQUIRED TO RECEIVE THE NEW FINISHES.
- 21. ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PUBLIC PROJECT ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VA/COR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VA/COR.
- 22. ALL NEW WORK ALONG WITH ANY PORTIONS OF EXISTING EQUIPMENT, MATERIALS OR REWORKED ELEMENTS WHEN COMPLETED SHALL FULLY COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.
- 23. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VA/COR'S ACCEPTANCE OF THAT WORK.
- 24. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPAIR, REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.
- 25. PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.
- 26. ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VA/COR APPROVAL BEFORE PROCEEDING WITH ANY SUCH REQUIRED PENETRATIONS WORK.
- 27. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS OR AS APPROVED BY THE VA/COR.

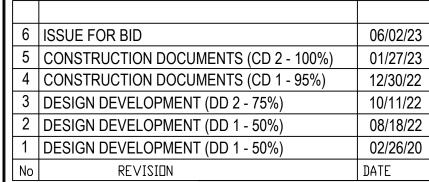
# DEMOLITION PLAN LEGEND

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED IN ITS ENTIRETY, INCLUDING WALL SWITCHES, OUTLETS, THERMOSTATS, ETC. PATCH ABUTTING WALLS, FLOORS AND CEILINGS AS REQUIRED. REMOVE EXISTING ITEMS SCHEDULED TO REMAIN AS NECESSARY TO ALLOW THE COMPLETE DEMOLITION OF SELECTED ITEMS. REPAIR/REPLACE EXISTING ITEMS ONCE DEMOLITION IS COMPLETED.



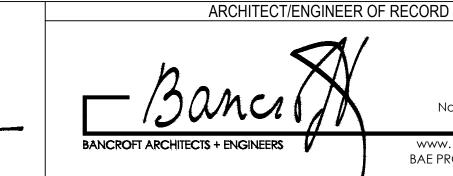
06/02/2023 - ISSUE FOR BID



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.

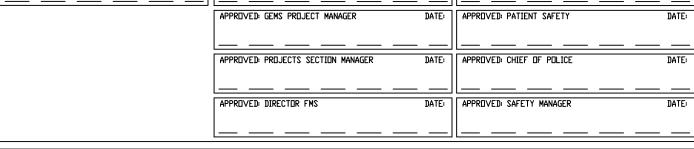
Print Name: DENNIS J MIKA

Signature: License # 56382



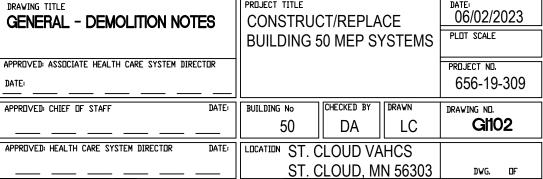


APPROVED: PROJECT COR



DATE: APPROVED: INFECTION CONTROL NURSE

DATE: APPROVED: SERVICE LINE DIRECTOR

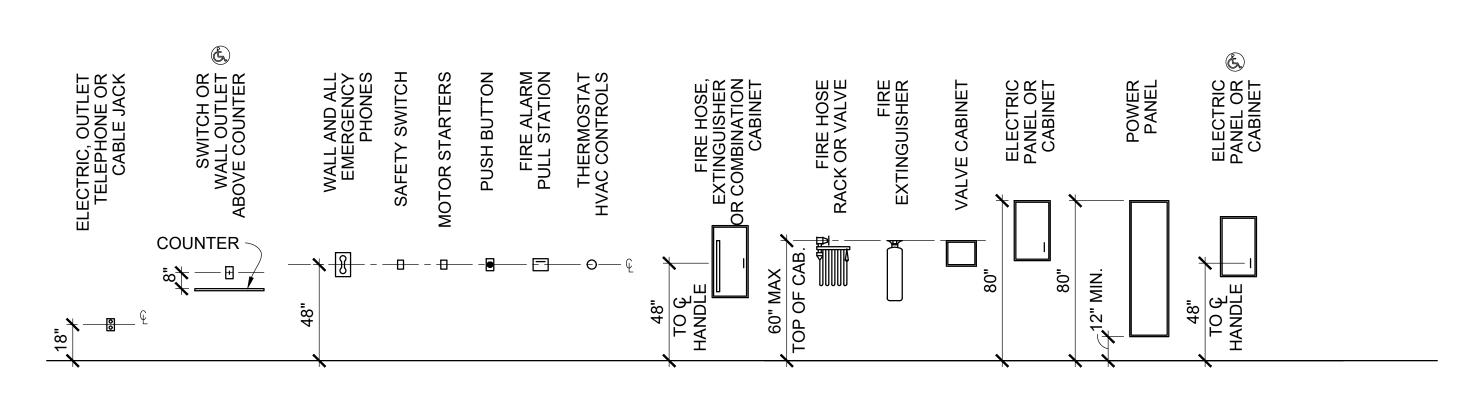


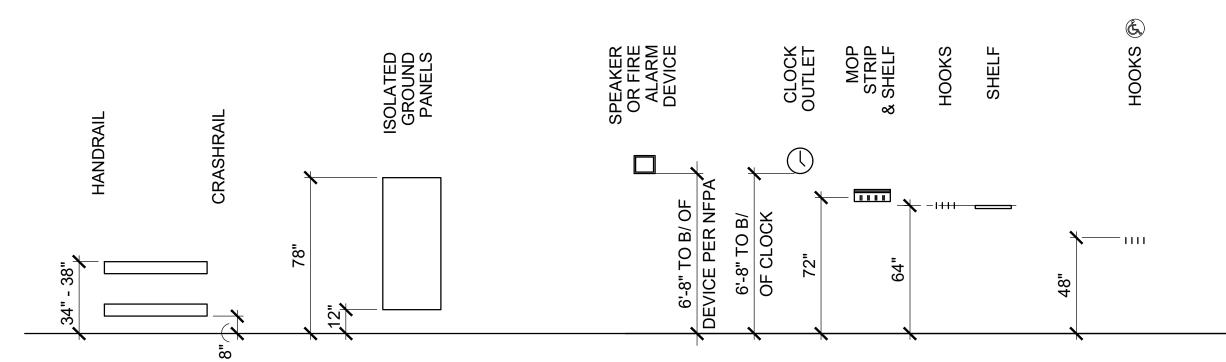


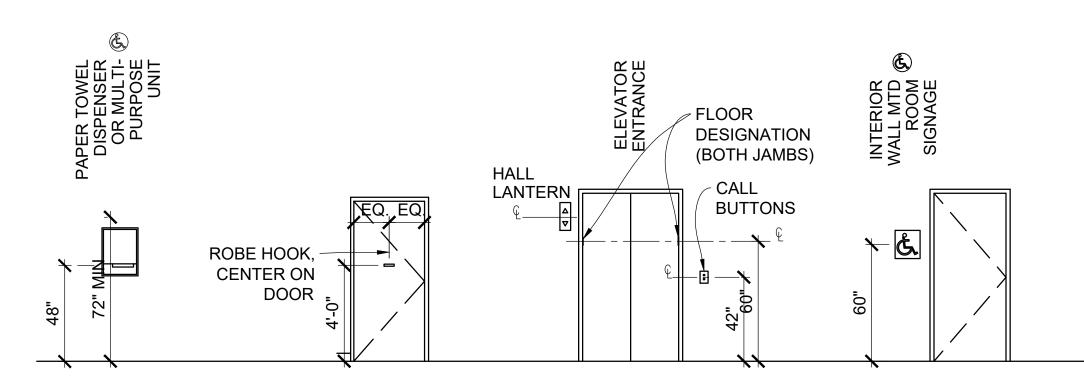


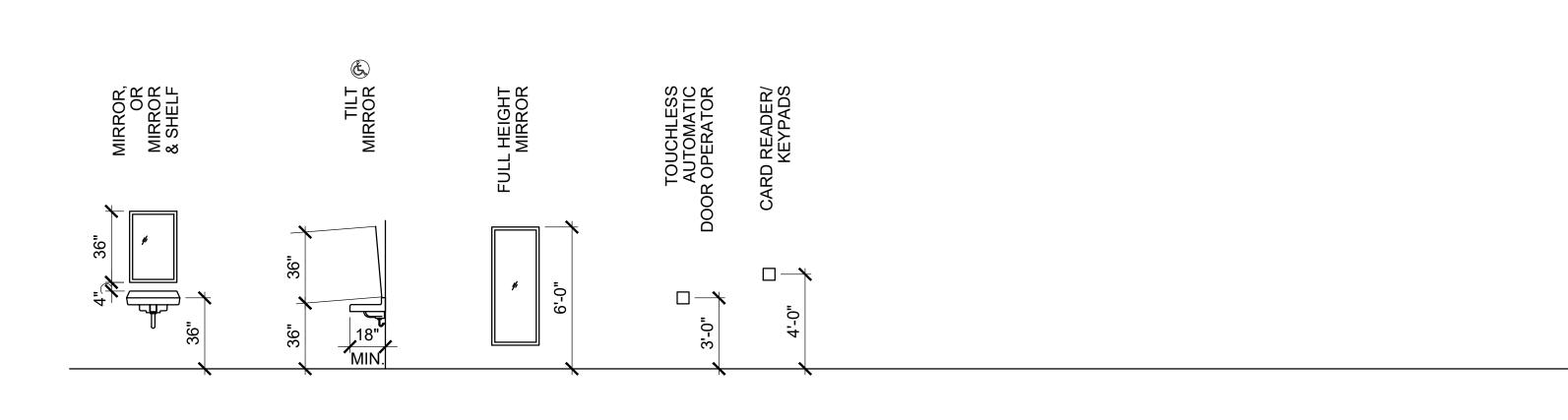
# MOUNTING DIMENSIONS (NOTE: THIS IS A "UNIVERSAL SHEET", ITEMS SHOWN MAY NOT ALL BE APPLICABLE TO THIS PROJECT)

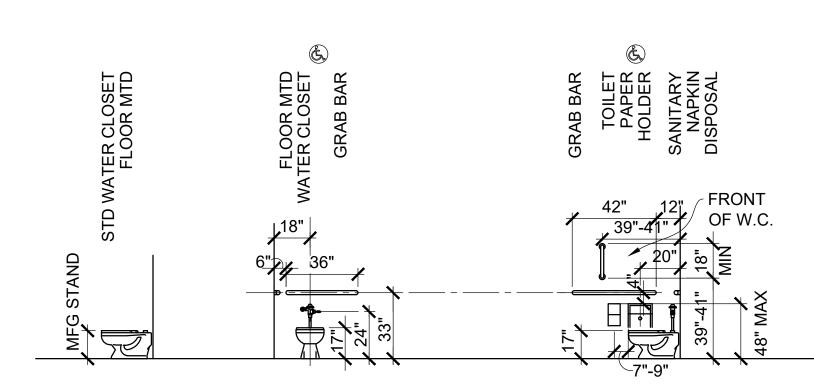
2. COORDINATE ITEMS SHOWN ON THIS DRAWING WITH PLANS AND SPECIFICATIONS FOR ACTUAL ITEMS USED ON THIS PROJECT. EVERY ITEM SHOWN ON THIS DRAWING MAY NOT BE USED ON THIS PROJECT.



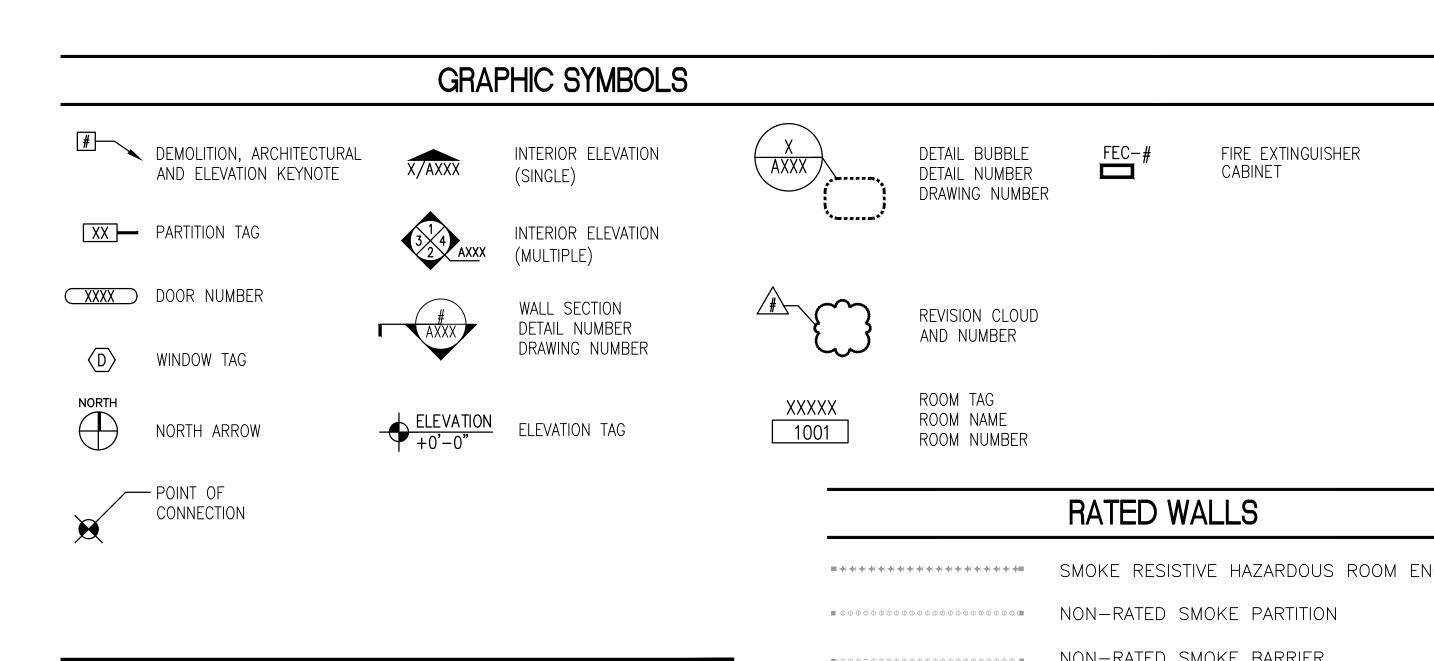








			ABBREVIA	TIONS			
ACT	ACOUSTICAL CEILING TILE	DWG	DRAWING	LL	LEAD LINED	RM	ROOM
ADJ	ADJACENT	DITO	DIV (MITO	LT	LIGHT	RO	ROUGH OPENING
		_	FACT	LI	LIGITI	NO	NOUGH OF LINING
AFF	ABOVE FINISHED FLOOR	Е	EAST				
AHU	AIR HANDLING UNIT	EA	EACH	MATL	MATERIAL	S	SOUTH
ALT	ALTERNATE	EJ	EXPANSION JOINT	MAX	MAXIMUM	SAN	SANITARY
ALUM	ALUMINUM	EL	ELEVATION	MECH	MECHANICAL	SCHED	SCHEDULE
				MFR			
AMT	AMOUNT	ELEC	ELECTRIC		MANUFACTURER	SF	SQUARE FOOT (FEET)
APPROX	APPROXIMATE	ELEV	ELEVATOR	MIN	MINIMUM	SHT	SHEET
AUTO	AUTOMATIC	ENCL	ENCLOSURE	MISC	MISCELLANEOUS	SIM	SIMILAR
AUX	AUXILIARY	EQ	EQUAL	MLWK	MILLWORK	SOW	SCOPE OF WORK
AV	AUDIO VISUAL	EQUIP	EQUIPMENT	MO	MASONRY OPENING		
			·			SPEC	SPECIFICATION
AVG	AVERAGE	EWC	ELECTRIC WATER COOLER	MR	MOISTURE RESISTANT	SPKLR	SPRINKLER
		EXH	EXHAUST	MTD	MOUNTED	SPKR	SPEAKER
BAT	BATTEN	EXIST	EXISTING	MTG	MOUNTING	SQ	SQUARE
BD	BOARD	EXP	EXPOSED	MTL	METAL	SS	STAINLESS STEEL
				IVIIL	IVILIAL		
BLDG	BUILDING	EXT	EXTERIOR		N. 0 D.T. 1	STD	STANDARD
BLK	BLOCKING			N	NORTH	STOR	STORAGE
BM	BEAM	FA	FIRE ALARM	N/A	NOT APPLICABLE	SUSP	SUSPEND
В0	BY OWNER	FD	FLOOR DRAIN	NAT	NATURAL	SV	SHEET VINYL
						31	SHELL VIIVIE
BOD	BASIS OF DESIGN	FDN	FOUNDATION	NIC	NOT IN CONTRACT		
		FE	FIRE EXTINGUISHER	NO	NUMBER	T&G	TONGUE AND GROOVE
CEM	CEMENT	FEC	FIRE EXTINGUISHER CABINET	NTS	NOT TO SCALE	TEMP	TEMPERED
CJ	CONTROL JOINT	FF&E	FURNITURE, FIXTURE, AND			TERR	TERRAZZO
CL	CENTER LINE	1100	EQUIPMENT	O.A.	OVEDALI		
		THO.		OA	OVERALL	THK	THICK
CLG	CEILING	FHC	FIRE HOSE CABINET	OC	ON CENTER	TO	TOP OF
CLR	CLEAR	FIG	FIGURE	ОН	OPPOSITE HAND	TSTAT	THERMOSTAT
CMU	CONCRETE MASONRY UNIT	FIN	FINISH	OPNG	OPENING	TYP	TYPICAL
COL	COLUMN	FIXT	FIXTURE	OPT	OPTIONAL	1 1 1	TH TO/TE
				UPT	OPTIONAL		
CONC	CONCRETE	FL	FLOOR			UNO	UNLESS NOTED OTHERWIS
CONT	CONTINUOUS	FO	FACE OF	PAT	PATTERN		
COORD	COORDINATE	FP	FIRE PROTECTION OR FIREPROOF	PL	PLATE	VAR	VARIES
CO	CONTRACTING OFFICER	FT	FOOT	PLAM	PLASTIC LAMINATE	VCT	VINYL COMPOSITION TILE
		FTG	FOOTING				
COR	CONTRACTING OFFICER'S	FIG	FOOTING	PLAS	PLASTER OR PLASTIC	VENT	VENTILATION
	REPRESENTATIVE			PR	PAIR	VIF	VERIFY IN FIELD
CORR	CORRIDOR	GC	GENERAL CONTRACTOR	PRE	PREFINISHED	VOL	VOLUME
CT	CERAMIC TILE	GL	GLASS	PREP	PREPARATION	VWC	VINYL WALL COVERING
		GYP BD	GYPSUM BOARD			V 11 O	VIIVIL VV/\LL OUVLI\IINU
CTR	CENTER	טור טט	GII DOM DOMNO	PROVIDE	FURNISH AND INSTALL	111	WEST
CTRL	CONTROL			PT	PAINT	W	WEST
		HAZ MAT	HAZARDOUS MATERIALS	PTME	PAINT TO MATCH EXISTING	W/	WITH
DAT	DATUM	HDW	HARDWARE	PTN	PARTITION	•	WITHOUT
DBL	DOUBLE	HM	HOLLOW METAL	PWR	POWER	W/O	
		HT		1 4417	I OYYLIN	WC	WALL COVERING
DEG	DEGREE	ПІ	HEIGHT			WD	WOOD
DEMO	DEMOLITION			QT	QUARRY TILE	WDW	WINDOW
DEPT	DEPARTMENT	INCL	INCLUDED	QTR	QUARTER	WWF	WELDED WIRE FABRIC
DF	DRINKING FOUNTAIN	INSUL	INSULATION	QTY	QUANTITY	V V V V I	MATENTA MINT LADVIC
		INT	INTERIOR	۷۱۱	Q O / N N I I I I		
DIA	DIAMETER	IINI	INILIMON	5	D. D. I. I. O.		
DIFF	DIFFUSER			R	RADIUS		
DIM	DIMENSION	JAN	JANITOR	RB	RESILIENT BASE		
DN	DOWN	JST	JOIST	RCP	REFLECTED CEILING PLAN		
DR	DOOR	JT	JOINT	REC	RECESSED		
DTL	DETAIL	J-B0X	JUNCTION BOX	RECPT	RECEPTACLE		
				REINF	REINFORCED		
		LAM	LAMINATE	REQD	REQUIRED		
		LAV	LAVATORY	& D			
			LIGHT EMITTING DIODE				
		LED LF	LINEAR FEET (FOOT)				



CONNECTION			HATED WALLS			
				SMOKE RESISTIVE HAZARDOUS ROOM ENCLOSURE		
				NON-RATED SMOKE PARTITION		
	ATEDIAL INDICATIO	NO		NON-RATED SMOKE BARRIER		
M	ATERIAL INDICATIO			1 HOUR FIRE/SMOKE BARRIER		
EARTH	CONCRETE  ELEVATION/SECTION	STEEL	00 00 00 00 00	2 HOUR FIRE/SMOKE BARRIER		
		<u> </u>	000 000 000	3 HOUR FIRE/SMOKE BARRIER		
BRICK	CMU	GROUT	0000 0000 0000	4 HOUR FIRE/SMOKE BARRIER		
GRAVEL FILL	LIMESTONE	CONCRETE PLAN	•••••	30 MINUTE FIRE BARRIER		
J.C.				1 HOUR FIRE BARRIER		
				2 HOUR FIRE BARRIER		
				3 HOUR FIRE BARRIER		
				4 HOUR FIRE BARRIER		

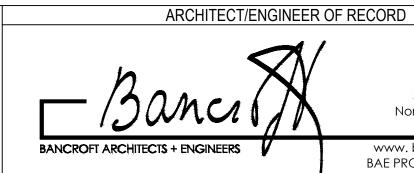
# 06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20

REVISION

DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2-23 License # 56382



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116

APPROVED: PROJECT COR DATE:	APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:	
	APPROVED: GEMS PROJECT MANAGER	DATE:	APPROVED: PATIENT SAFETY	DATE:	L
	APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:	
	APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:	Ī
		]			

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GENERAL - ABBREV., SYMBS,	CONSTRUCT/REPLACE	06/02/2023	
LEGENDS, STD. MOUNTING HGHTS  APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	BUILDING 50 MEP SYSTEMS	PROJECT NO.	
DATE:		656-19-309	
APPROVED: CHIEF OF STAFF DATE:	BUILDING NO DA DRAWN LC	DRAWING NO.  GI103	
APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:	ST. CLOUD VAHCS ST. CLOUD, MN 56303	DWG. OF	





# PROJECT INFORMATION

CONSTRUCT / UPGRADE BUILDING 50 MEP BUILDING NUMBER:

4801 VETERANS DRIVE

ADDRESS: ST. CLOUD, MN 56303

PROJECT DESCRIPTION: THE SCOPE OF WORK IS TO UPGRADE THE HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM IN THE

BASEMENT OF THIS BUILDING.

OWNER: US DEPARTMENT OF VETERANS AFFAIRS

ADDRESS: 4801 VETERANS DRIVE ST. CLOUD, MN 56303

DESIGN PROFESSIONAL: BANCROFT ARCHITECTS + ENGINEERS

3300 DUNDEE RD. NORTHBROOK, IL 60062

# APPLICABLE CODES + STANDARDS

ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES & STANDARDS:

1. VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD (NCS) APPLICATION GUIDE, AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL) (HTTP://WWW.CFM.VA.GOV/TIL/).

2. NFPA 101 LIFE SAFETY CODE (LSC) 2021. (SEE NOTE 1 BELOW.)

3. NFPA NATIONAL FIRE CODES, WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900.

4. INTERNATIONAL BUILDING CODE (IBC) 2021 (SEE NOTE 1 BELOW).

5. ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PG-18-13).

6. VA SEISMIC DESIGN REQUIREMENTS, H-18-8.

7. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318) 2019. 8. MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCITON (AISC) 2021, 17TH/EDITION.

9. ENERGY POLICY ACT OF 2005 (EPAct); INTERNATIONAL ENERGY CONSERVATION CODE (EICC) 2021 (& REFERENCED STANDARD

ASHRAE 90.1-2019) AS APPLICABLE FOR EXISTING BUILDINGS. (COMCHECK NOT APPLICABLE TO THIS PROJECT.) 10. EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY AND TRANSPORTATION MANAGEMENT.

11. INTERNATIONAL MECHANICAL CODE (IMC) 2021.

12. INTERNATIONAL PLUMBING CODE (IPC) 2021. 13. NATIONAL ELECTRICAL CODE (NEC) 2020.

14. SAFETY CODE FOR ELEVATORS AND ESCALATORS, AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A17.1.

15. ASME BOILER AND PRESSURE VESSEL CODE 2021. 16. ASME CODE FOR PRESSURE PIPING.

17. ASHRAE STANDARD 15-2019 - SAFETY STANDARD FOR REFRIGERANT SYSTEMS.

18. ASHRAE STANDARD 62.1-2019 - VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY. 19. ASHRAE-110 F-2016 - VELOCITY MEASUREMENT PROCEDURES.

20. SHEET METAL AND AIR CONDITIONING CONTRACTORS ASSOCIATION (SMACNA).

OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS. 22. THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS: STATED IN THE GENERAL REQUIREMENTS SECTION 01 00 00 OF THE VA MASTER SPECIFICATION.

23. UNDERWRITER'S LABORATORIES (UL).

1. DESIGN FEATURES NOT ADDRESSED BY NFPA 101 OR DOCUMENTS REFERENCED THEREIN SHALL COMPLY WITH THE REQUIREMENTS OF IBC AND OTHER CODES & STANDARDS LISTED OR REFERENCED.

# SITE DATA

SITE ZONING: NA (EXISTING) PERMITTED USE: NA (EXISTING) HEIGHT LIMITATIONS: NA (EXISTING) OFF-STREET PARKING: REQUIRED: NA (EXISTING) PROVIDED: NA (EXISTING) ACCESSIBLE PARKING: **REQUIRED:** NA (EXISTING) PROVIDED: NA (EXISTING) LOADING SPACES: REQUIRED: NA (EXISTING) PROVIDED: NA (EXISTING)

# **BUILDING DATA**

HEALTH CARE OCCUPANCY **BUILDING OCCUPANCY:** 

**USE OCCUPANCIES:** PRIMARY:

INCIDENTAL:

EXISTING HEALTH CARE BUSINESS, SMALL STORAGE, MECHANICAL

MULTIPLE OCCUPANCIES: YES - MIXED OCCUPANCY

CONSTRUCTION TYPE: NFPA 220:

II (000) ALLOWABLE AREA PER FLOOR: NA (EXISTING) ALLOWABLE STORIES: NA (EXISTING) ALLOWABLE HEIGHT: NA (EXISTING)

**BUILDING AREA** 

**BASEMENT:** 

TOTAL:

ATTIC (NOT OCCUPIED): NA (EXISTING) 2ND FLOOR: NA (EXISTING) 1ST FLOOR: NA (EXISTING)

AUTOMATIC FIRE SUPPRESSION (SPRINKLER SYSTEM) THROUGH-OUT PER NFPA 13

<u>NA (EXISTING)</u>

NA (EXISTING)

SMOKE DETECTORS & FIRE ALARM SYSTEM

EMERGENCY EGRESS ILLUMINATION: 1.0 FOOT CANDLES AT EGRESS PATHS, WITH 0.1 FOOT CANDLES MINIMUM AT ANY POINT. EXIT SIGNS: ILLUMINATED AT ALL TIMES. EMERGENCY POWER REQUIRED WITH 1-1/2 HOUR DURATION

# MEANS OF EGRESS

OCCUPANT LOAD

REFER TO LIFE SAFETY PLAN(S) FOR OCCUPANT LOADS PER FLOOR LEVEL.

## MEANS OF EGRESS

REFER TO LIFE SAFETY PLAN(S) FOR EXIT CAPACITIES PER FLOOR LEVEL.

ALL MEANS OF EGRESS FROM HEALTH CARE OCCUPANCIES THAT TRAVERSE NON-HEALTH CARE SPACES SHALL CONFORM TO REQUIREMENTS FOR HEALTH CARE OCCUPANCIES. EXCEPTIONS: HORIZONTAL EXITS. (LSC: 19.1.3.7)

EGRESS CAPACITY (SPRINKLERED):

0.3 INCH/PERSON (LSC: 19.2.3) HORIZONTAL TRAVEL: 0.2 INCH/PERSON (LSC: 19.2.3)

MIN EGRESS WIDTH:

DOOR:

FROM PATIENT ROOMS: 48 INCH (LSC: 19.2.3.4) ADJUNCT AREAS(\*): 44 INCH (\*) NOT INTENDED FOR HOUSING/TREATMENT/USE OF PATIENTS. (LSC: 19.2.3.4)

MINIMUM # OF EXITS: 2 MINIMUM/ EACH SMOKE COMPARTMENT (LSC: 19.2.4.4)

32 INCH (LSC: 19.2.3.6)

2 MINIMUM/ NON-SLEEPING ROOMS OF MORE THAN 2500 SF (LSC: 19.2.5.5.2)

COMMON PATH OF TRAVEL MAXIMUM (SPRINKLERED): HEALTH CARE (EXISTING): NO REQUIREMENT (LSC: 19.2.6.2.2; TABLE A.7.6)

HEALTH CARE (NEW): 100 FT (LSC: TABLE A.7.6)

100 FT (LSC: TABLE A.7.6) MECHANICAL ROOMS: 100 FT (LSC: 7.12.1) (SPRINKLERED EXCEPTION)

DEAD-END LIMITS (SPRINKLERED):

HEALTH CARE (EXISTING): 30 FT (LSC: 19.2.6.2.2; TABLE A.7.6)

HEALTH CARE (NEW): 30 FT (LSC: TABLE A.7.6) **BUSINESS:** 50 FT (LSC: TABLE A.7.6)

TRAVEL DISTANCE MAXIMUM (SPRINKLERED):

HEALTH CARE (EXISTING): 200 FT (LSC: 19.2.6.2.2; TABLE A.7.6)

HEALTH CARE (NEW): 200 FT (LSC: TABLE A.7.6) **BUSINESS:** 300 FT (LSC: TABLE A.7.6)

TRAVEL DISTANCE MAXIMUM WITHIN SUITES (NON-SLEEPING):

100 FT (LSC: 19.2.5.7.3.3)

MIN EGRESS WIDTH AISLE, COORIDOR, OR RAMP:

FROM PATIENT SLEEPING: 48 INCH (LSC: 19.2.3.4) NON-INPATIENT AREAS: 44 INCH (LSC: 19.2.3.4)

CORRIDOR CONSTRUCTION: 1/2 HOUR MIN FIRE RESISTANCE RATING; SMOKE BARRIER; TO DECK ABOVE (LSC: 19.3.6.2) **EXCEPTIONS:** SPRINKLERED SMOKE COMPARTMENTS: NON-FIRE-RATED PARTITIONS (LSC: 19.3.6.2.4)

EXISTING CORRIDORS (LSC: 19.3.6.2.5)

SMOKE COMPARTMENTS (SPRINKLERED) ARE PERMITTED TO HAVE UNLIMITED SIZE SPACES OPEN TO CORRIDOR. SUBJECT TO: - SPACES ARE NOT USED FOR PATIENT SLEEPING ROOMS.

 CORRIDORS ARE IN SAME SMOKE COMPARTMENT. - OPEN SPACE IS PROTECTED BY SMOKE DETECTION SYSTEM.

- SPACE DOES NOT OBSTRUCT ACCESS TO REQUIRED EXITS.

MIN WIDTH (CLEAR): 32 INCH MIN, SUBJECT TO REQUIRED EGRESS WIDTH EXIT CAPACITY (LSC: 7.2.1.2.3.1)

EXIT STAIRS: MIN WIDTH (EXISTING): 36 INCH (TABLE 7.2.2.2.1.1.B)

MIN WIDTH (NEW): 44 INCH IF ASSIGNED OCCUPANT LOAD < 2000 PERSONS; OTHERWISE 56 INCH (LSC: TABLE 7.2.2.2.1.2.B)

AREA OF REFUGE: NA (OUTSIDE AREA OF WORK) COMMUNICATION SYSTEM: NA (OUTSIDE AREA OF WORK)

# AREA SEPARATION PROTECTION

SHAFT ENCLOSURES. ENCLOSURE REQUIRED AT LOWEST OR HIGHEST SHAFT LEVEL PER RATING BELOW: (LSC: 8.6.4.1) (LSC: 8.6.5(1)) CONNECTING (4) OR MORE STORIES: 2 HOUR OTHER IN NEW CONSTRUCTION: (LSC: 8.6.5(2)) 1 HOUR

(LSC: 8.6.5(3)) 1/2 HOUR EXISTING IN EXISTING BUILDINGS: HAZARDOUS AREA (LISTED BELOW) SEPARATION: FULLY SPRINKLERED; O HOUR FIRE RATING; SMOKE PARTITIONS REQUIRED. (LSC: 19.3.2)

BOILER & FUEL-FIRED HEATER ROOMS CENTRAL/ BULK LAUNDRIES (> 100 SF)

PAINT SHOPS REPAIR SHOPS SOILED LINEN (IN VOLUME > 64 GAL)

STORAGE ROOMS (>50 SF)

SMOKE COMPARTMENTS REQUIRED FOR EVERY STORY USED FOR SLEEPING ROOMS FOR > 30 PATIENTS. (LSC: 19.3.7.1) QUANITY: NOT LESS THAN (2)

</= 22,500 SF TRAVEL DISTANCE (TO DOOR IN BARRIER): </=200 FT (UNLESS COMPARTMENT LENGTH & WIDTH </=150 FT)

# FIRE RESISTIVE RATINGS

FIRE RESISTIVE RATINGS BASED ON ASSUMPTION OF CONSTRUCTION TYPE II (000):

**EXTERIOR BEARING WALLS:** 0 HOUR 0 HOUR INTERIOR BEARING WALLS: COLUMNS: 0 HOUR BEAMS, GIRDERS, TRUSSES & ARCHES:

INFORMATION

0 HOUR FLOOR-CEILING ASSEMBLIES: 0 HOUR 0 HOUR ROOF-CEILING ASSEMBLIES: INTERIOR NONBEARING WALLS: 0 HOUR EXTERIOR NONBEARING WALLS: 0 HOUR

(NFPA-220: TABLE 4.1.1)

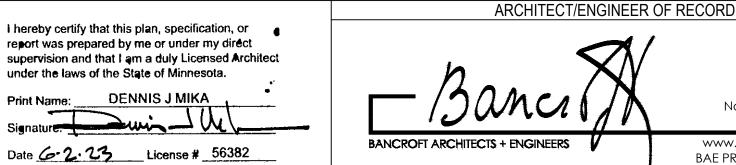


# 06/02/2023 - ISSUE FOR BID

GENERAL - CODE AND BUILDING | CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS PLUT SCALE 656-19-309

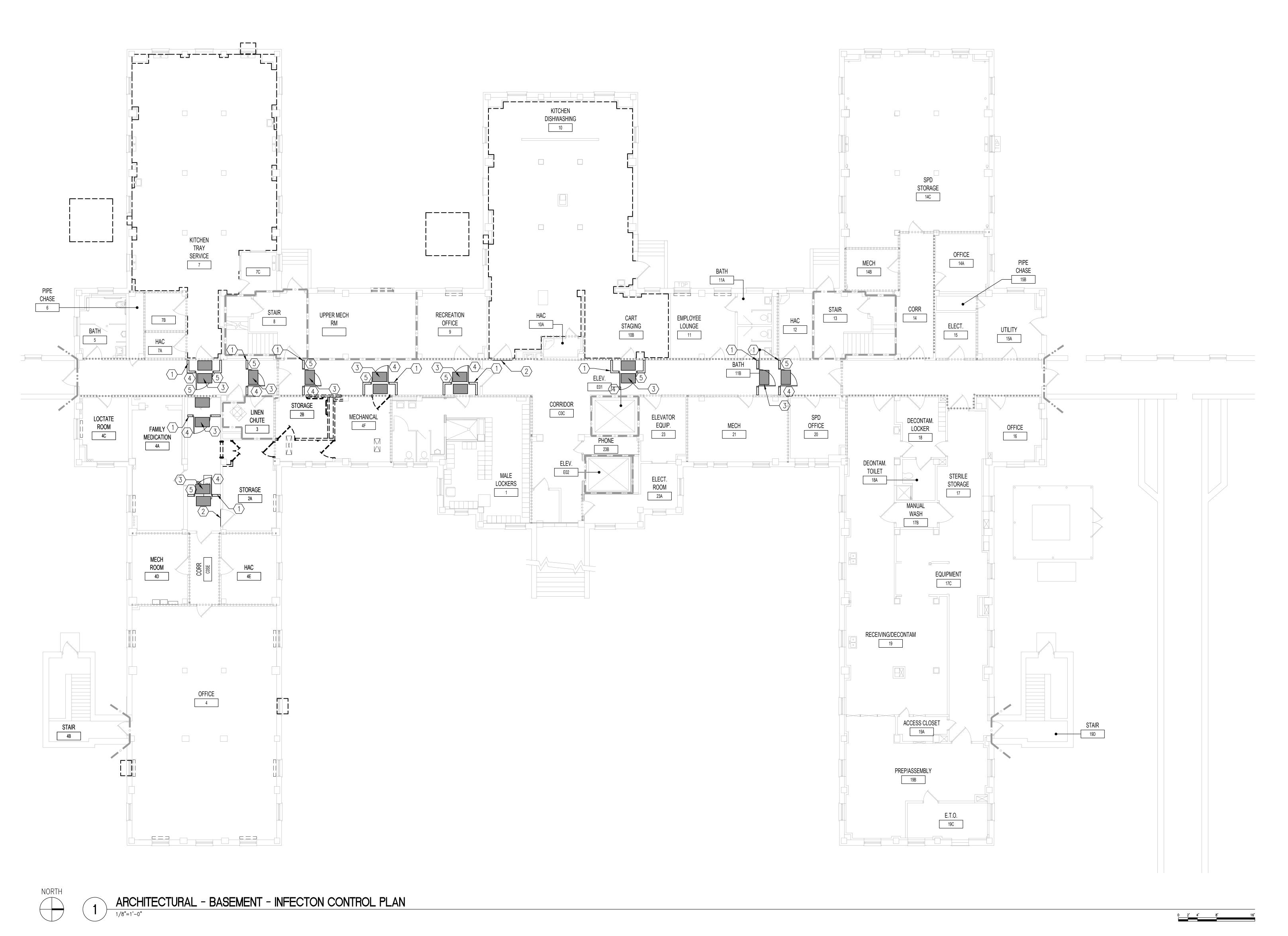


06/02/23 S ISSUE FOR BID CONSTRUCTION DOCUMENTS (CD 2 - 100%) 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22  $\beta \mid \mathsf{DESIGN} \; \mathsf{DEVELOPMENT} \; (\mathsf{DD} \; 2$  - 75%) 10/11/22 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22 DESIGN DEVELOPMENT (DD 1 - 50%) 02/26/20 DATE REVISION



DENNIS J MIKA





# ICRA GENERAL NOTES

- ALL PERSONNEL ENTERING THE CONSTRUCTION SITE AREA MUST WEAR A HARD HAT AND SAFETY GLASSES ALONG WITH ANY OTHER PERSONAL PROTECTIVE EQUIPMENT REQUIRED IN THAT AREA
- ALL APPLICABLE FORMS TO BE COMPLETED AND APPROVED PRIOR TO STARTING
- THE CONSTRUCTION AREA MUST MAINTAIN A NEGATIVE PRESSURE VENTILATION. NEGATIVE PRESSURE MACHINES MUST BE ON AND OPERATIONAL 24/7. NEGATIVE AIR UNIT TO BE MAINTAINED WITH FILTER(S) REPLACEMENT PER SPECIFICATIONS. (WEEKLY REPLACEMENT OF PRE-FILTER OR AS NECESSARY. HEPA FILTER REPLACED MONTHLY. CLEAN ALL EXTERIOR SURFACES OF CARTS AND TOOLS AT THE END OF EACH SHIFT. MONITOR NEGATIVE PRESSURE AND POST LOG AT THE END OF EACH
- DURING CONSTRUCTION BE CERTAIN THAT: BARRIERS ARE INTACT AND MAINTAINED, PARTICLE COUNT METER IS AVAILABLE, NEGATIVE INDICATOR IS AVAILABLE, ICRA REQUIREMENTS ARE INTACT AND BEING MAINTAINED.
- THE PRIMARY PROJECT SCOPE AREA FOR THIS PROJECT IS CLASS III. THE REQUIRED INFECTION CONTROL PRECAUTIONS ARE AS FOLLOWS (REFER TO ICRA CLASS III WORK ITEMS NOTES).
- ENSURE ALL EXISTING WALLS THAT ENCLOSE CONSTRUCTION AREA ARE 1-HOUR RATED. EXTEND WALL TO DECK PER WALL TYPE 'Q' WHERE REQUIRED. FIRE STOP ALL EXISTING PENETRATIONS IN WALLS.

# ICRA CLASS II WORK ITEMS NOTES

#### DURING CONSTRUCTION WORK:

NOTIFY THE CONTRACTING OFFICER REPRESENTATIVE

- PROVIDE ACTIVE MEANS TO PREVENT AIRBORNE DUST FROM DISPERSING INTO ATMOSPHERE SUCH AS WET METHODS OR TOOL MOUNTED DUST COLLECTORS WHERE POSSIBLE.
- WATER MIST WORK SURFACES TO CONTROL DUST WHILE CUTTING.
- SEAL UNUSED DOORS WITH DUCT TAPE.
- BLOCK OFF AND SEAL AIR VENTS.
- REMOVE OR ISOLATE HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

#### UPON COMPLETION OF CONSTRUCTION WORK:

- WIPE WORK SURFACES WITH CLEANER/DISINFECTANT.
- CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK
- UPON COMPLETION, RESTORE HVAC SYSTEM WHERE WORK WAS PERFORMED
- NOTIFY THE CONTRACTING OFFICER REPRESENTATIVE

# ICRA PLAN LEGEND

WALK OFF MAT

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED

TEMPORARY CONSTRUCTION BARRIER PATH OF MATERIAL DELIVERY / DEBRIS REMOVAL

# 

# NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.

- TEMPORARY WALL BARRIER. REFER TO PARTITION TYPES ON SHEET A501.
- SUSPENDED PLASTIC ZIPPER WALL CURTAIN BARRIER.
- PROVIDE STICKY MATS. CHANGE AT THE END OR EACH SHIFT OR MORE IF REQUIRED TO MAINTAIN CLEANLINESS.
- 4. POST REQUIRED FORMS VISIBLE TO PUBLIC.
- INDICATOR MUST BE AT -0.01 OR GREATER (VERIFY DAILY), IF NOT VERIFY ALL OPENINGS ARE CLOSED AND/OR CHANGE NEGATIVE AIR PRE-FILTER.
- 6. FIRE EXTINGUISHER ON PORTABLE FLOOR BRACKET.
- 7. DUMPSTER AS REQUIRED.

BUILDING 50 MEP SYSTEMS PLOT SCALE



U.S. Department of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System

06/02/2023 - ISSUE FOR BID

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA Date 6-2-23 License # 56382

6 ISSUE FOR BID

5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%)

12/30/22

10/11/22

08/18/22

02/26/20

DATE

4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%)

3 | DESIGN DEVELOPMENT (DD 2 - 75%)

DESIGN DEVELOPMENT (DD 1 - 50%)

DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

ARCHITECT/ENGINEER OF RECORD BANCROFT ARCHITECTS + ENGINEERS

APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR

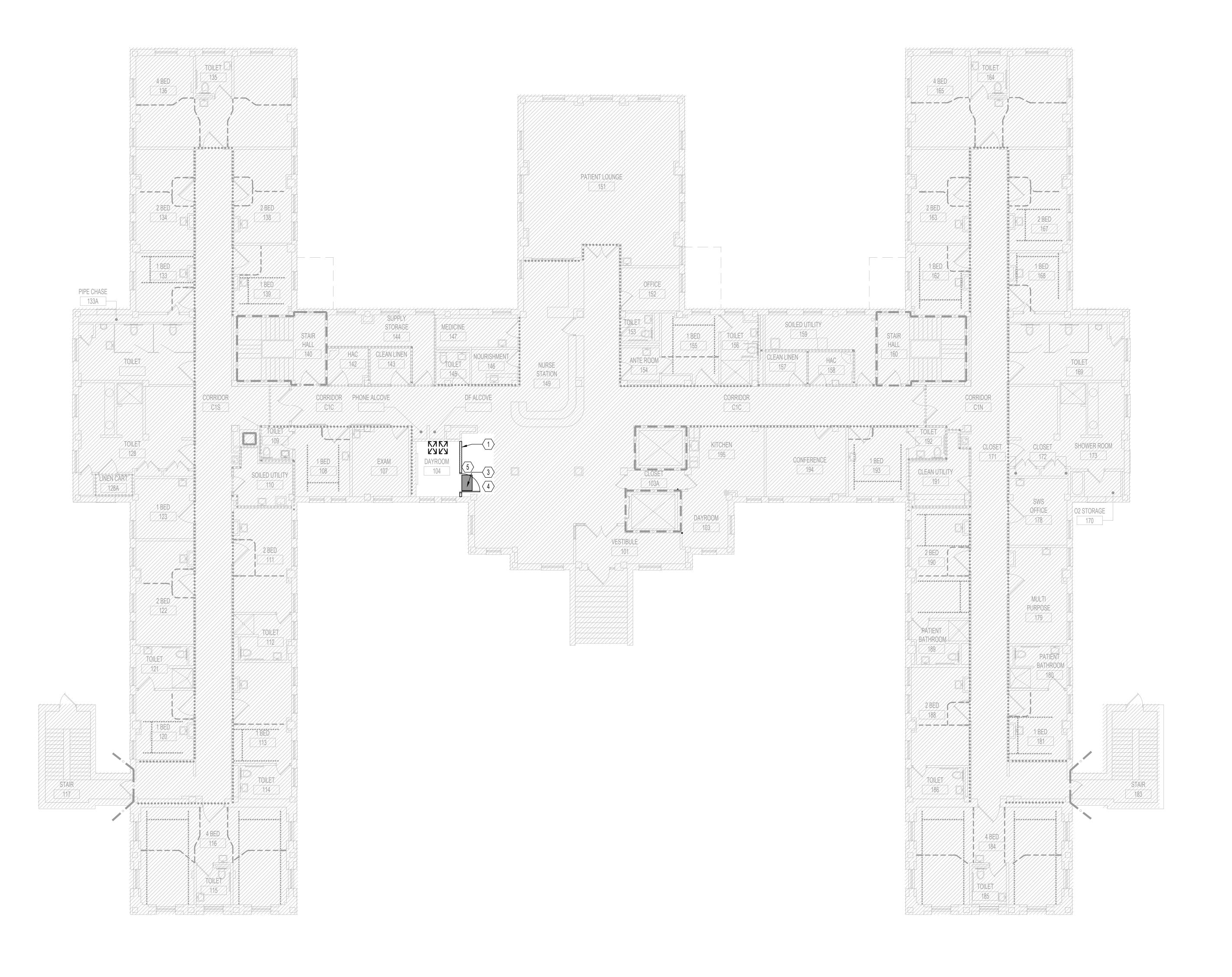
DATE: APPROVED: INFECTION CONTROL NURSE

DATE: BUILDING No CHECKED BY DRAWN 50 | DA | LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF

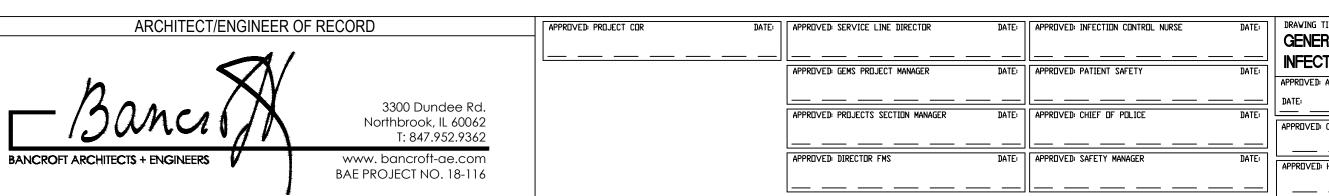
CONSTRUCT/REPLACE

GENERAL - BASEMENT -INFECTION CONTROL PLAN 3300 Dundee Rd. APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com DATE: APPROVED: SAFETY MANAGER BAE PROJECT NO. 18-116 

DATE: APPROVED: SERVICE LINE DIRECTOR



# 06/02/2023 - ISSUE FOR BID



CONSTRUCT/REPLACE GENERAL - FIRST FLOOR -BUILDING 50 MEP SYSTEMS PLOT SCALE INFECTION CONTROL PLAN APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 || DA || LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF





ICRA GENERAL NOTES

ALL APPLICABLE FORMS TO BE COMPLETED AND APPROVED PRIOR TO STARTING

THE CONSTRUCTION AREA MUST MAINTAIN A NEGATIVE PRESSURE VENTILATION. NEGATIVE PRESSURE MACHINES MUST BE ON AND OPERATIONAL 24/7. NEGATIVE AIR

(WEEKLY REPLACEMENT OF PRE-FILTER OR AS NECESSARY. HEPA FILTER REPLACED MONTHLY. CLEAN ALL EXTERIOR SURFACES OF CARTS AND TOOLS AT THE END OF EACH SHIFT. MONITOR NEGATIVE PRESSURE AND POST LOG AT THE END OF EACH

DURING CONSTRUCTION BE CERTAIN THAT: BARRIERS ARE INTACT AND MAINTAINED, PARTICLE COUNT METER IS AVAILABLE, NEGATIVE INDICATOR IS AVAILABLE, ICRA

REQUIRED INFECTION CONTROL PRECAUTIONS ARE AS FOLLOWS (REFER TO ICRA

ENSURE ALL EXISTING WALLS THAT ENCLOSE CONSTRUCTION AREA ARE 1-HOUR

RATED. EXTEND WALL TO DECK PER WALL TYPE 'Q' WHERE REQUIRED. FIRE STOP

ICRA CLASS II WORK ITEMS NOTES

PROVIDE ACTIVE MEANS TO PREVENT AIRBORNE DUST FROM DISPERSING INTO ATMOSPHERE SUCH AS WET METHODS OR TOOL MOUNTED DUST COLLECTORS

REMOVE OR ISOLATE HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED

WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK

UPON COMPLETION, RESTORE HVAC SYSTEM WHERE WORK WAS PERFORMED

ICRA PLAN LEGEND

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED

PATH OF MATERIAL DELIVERY / DEBRIS REMOVAL

TEMPORARY WALL BARRIER. REFER TO PARTITION TYPES ON SHEET A501.

PROVIDE STICKY MATS. CHANGE AT THE END OR EACH SHIFT OR MORE IF REQUIRED

INDICATOR MUST BE AT -0.01 OR GREATER (VERIFY DAILY), IF NOT VERIFY ALL

OPENINGS ARE CLOSED AND/OR CHANGE NEGATIVE AIR PRE-FILTER.

NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.

TO MAINTAIN CLEANLINESS.

7. DUMPSTER AS REQUIRED.

4. POST REQUIRED FORMS VISIBLE TO PUBLIC.

6. FIRE EXTINGUISHER ON PORTABLE FLOOR BRACKET.

SUSPENDED PLASTIC ZIPPER WALL CURTAIN BARRIER.

TEMPORARY CONSTRUCTION BARRIER

WALK OFF MAT

WATER MIST WORK SURFACES TO CONTROL DUST WHILE CUTTING.

THE PRIMARY PROJECT SCOPE AREA FOR THIS PROJECT IS CLASS III. THE

REQUIREMENTS ARE INTACT AND BEING MAINTAINED.

NOTIFY THE CONTRACTING OFFICER REPRESENTATIVE

WIPE WORK SURFACES WITH CLEANER/DISINFECTANT.

NOTIFY THE CONTRACTING OFFICER REPRESENTATIVE

CLASS III WORK ITEMS NOTES).

DURING CONSTRUCTION WORK:

WHERE POSSIBLE.

ALL EXISTING PENETRATIONS IN WALLS.

SEAL UNUSED DOORS WITH DUCT TAPE.

BLOCK OFF AND SEAL AIR VENTS.

UPON COMPLETION OF CONSTRUCTION WORK:

UNIT TO BE MAINTAINED WITH FILTER(S) REPLACEMENT PER SPECIFICATIONS.

REQUIRED IN THAT AREA

ALL PERSONNEL ENTERING THE CONSTRUCTION SITE AREA MUST WEAR A HARD HAT AND SAFETY GLASSES ALONG WITH ANY OTHER PERSONAL PROTECTIVE EQUIPMENT

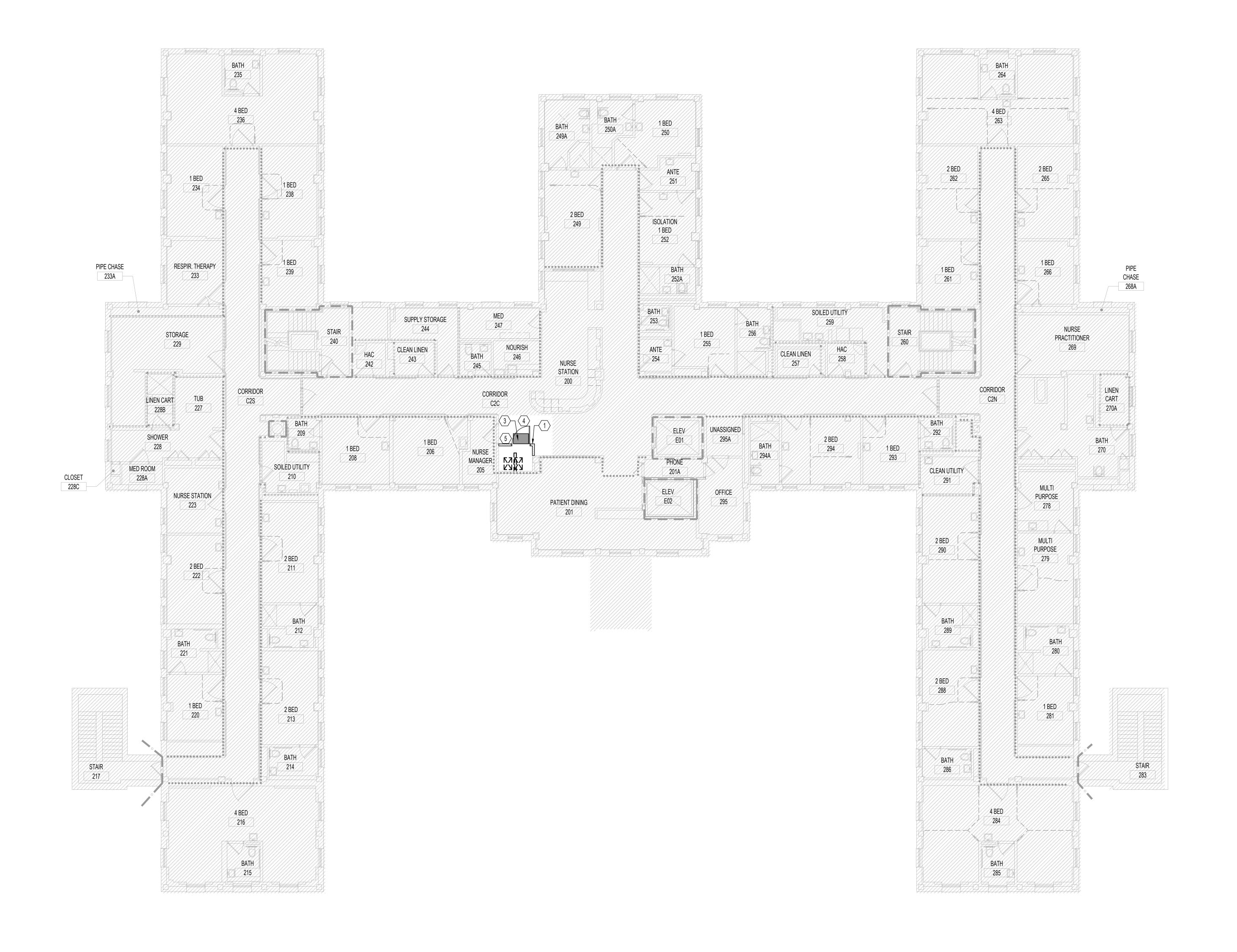
6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
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1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20

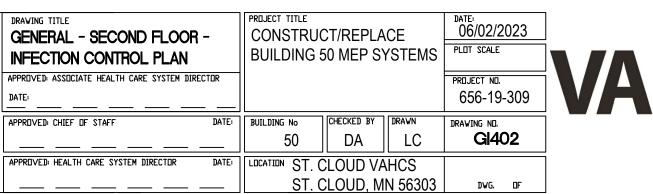
DATE

GENERAL - FIRST FLOOR - INFECTON CONTROL PLAN

1/8"=1'-0"

i hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Name: DENNIS J MIKA Date 6-2-23 License # 56382





U.S. Department of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System

ICRA GENERAL NOTES

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UPON COMPLETION, RESTORE HVAC SYSTEM WHERE WORK WAS PERFORMED

ICRA PLAN LEGEND

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED

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PATH OF MATERIAL DELIVERY / DEBRIS REMOVAL

TEMPORARY WALL BARRIER. REFER TO PARTITION TYPES ON SHEET A501.

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CLASS III WORK ITEMS NOTES).

DURING CONSTRUCTION WORK:

WHERE POSSIBLE.

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UPON COMPLETION OF CONSTRUCTION WORK:

UNIT TO BE MAINTAINED WITH FILTER(S) REPLACEMENT PER SPECIFICATIONS.

06/02/2023 - ISSUE FOR BID

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Signature: DENNIS J MIKA Date 6-2-23 License # 56382

GENERAL - SECOND FLOOR - INFECTION CONTROL PLAN
1/8"=1'-0"

6 ISSUE FOR BID

5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%)

12/30/22

10/11/22

08/18/22

02/26/20

DATE

4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%)

3 | DESIGN DEVELOPMENT (DD 2 - 75%)

DESIGN DEVELOPMENT (DD 1 - 50%)

DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

ARCHITECT/ENGINEER OF RECORD BANCROFT ARCHITECTS + ENGINEERS

3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

DATE: APPROVED: SERVICE LINE DIRECTOR

DATE: APPROVED: INFECTION CONTROL NURSE

INFECTION CONTROL PLAN APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LOCATION ST. CLOUD VAHCS

# PATIENT RISK GROUPS

6 ISSUE FOR BID

5 CONSTRUCTION DOCUMENTS (CD 2 - 100%)

4 CONSTRUCTION DOCUMENTS (CD 1 - 95%)

 $B \mid \mathsf{DESIGN} \; \mathsf{DEVELOPMENT} \; (\mathsf{DD} \; \mathsf{2} - \mathsf{75\%})$ 

P DESIGN DEVELOPMENT (DD 1 - 50%)

DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

12/30/22

10/11/22

08/18/22

02/26/20

DATE

LOW RISK	MEDIUM RISK	HIGH RISK	HIGHEST RISK
■ OFFICE AREAS	<ul> <li>CARDIOLOGY</li> <li>ECHOCARDIOGRAPHY</li> <li>ENDOSCOPY</li> <li>NUCLEAR MEDICINE</li> <li>PHYSICAL THERAPY</li> <li>RADIOLOGY/MRI</li> <li>RESPIRATORY THERAPY</li> </ul>	<ul> <li>CCU</li> <li>EMERGENCY ROOM</li> <li>LABOR &amp; DELIVERY</li> <li>LABORATORY (SPECIMEN)</li> <li>NEWBORN NURSERY</li> <li>OUTPATIENT SURGERY</li> <li>PEDIATRICS</li> <li>PHARMACY</li> <li>POST ANESTHESIA CARE UNIT</li> <li>SURGICAL UNITS</li> </ul>	<ul> <li>ANY AREA CARING FOR IMMUNOCOMPROMISED PATIENTS</li> <li>BURN UNIT</li> <li>CARDIAC CATH LAB</li> <li>CENTRAL STERILE SUPPLY</li> <li>INTENSIVE CARE UNITS</li> <li>MEDICAL UNIT</li> <li>NEGATIVE PRESSURE ISOLATION ROOMS</li> <li>ONCOLOGY</li> <li>OPERATING ROOMS INCLUDING</li> <li>C-SECTION ROOMS</li> </ul>

# Infection Control Risk Assessment (ICRA)

# MATRIX OF PRECAUTIONS FOR CONSTRUCTION + RENOVATION

	INSPECTION AND NON-INVASIVE ACTIVITIES
TYPE A	<ul> <li>INCLUDES, BUT IS NOT LIMITED TO:</li> <li>REMOVABLE OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 SQUARE FEET.</li> <li>PAINTING (BUT NOT SANDING).</li> <li>WALL COVERING, ELECTRICAL TRIM, MINOR PLUMBING, AND ACTIVITIES WHICH DO NOT GENERATE DUST OR REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL INSPECTION.</li> </ul>
TYPE B	SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATES 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 OR CASEWORK.  NEW WALL CONSTRUCTION.  MINOR DUCT WORK OR 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 OR REMOVAL OF A COMPLETE CABLING SYSTEM.  NEW CONSTRUCTION.

# IC MATRIX - CLASS OF PRECAUTIONS: CONSTRUCTION PROJECT BY PATIENT RISK

# CONSTRUCTION PROJECT TYPE

	T/DE A	T/DE D	7/05 0	T/DE D
RISK RELATED GROUP	TYPE A	TYPE B	TYPE C	TYPE D
LOW RISK GROUP	N	11	II.	III/IV
MEDIUM RISK GROUP	V	11	III	N
HIGH RISK GROUP	V	ll l	III/IV	W
HIGHEST RISK GROUP	ll l	III/IV	III/IV	N

# NOTE:

INFECTION CONTROL APPROVAL WILL BE REQUIRED WHEN THE CONSTRUCTION ACTIVITY AND RISK LEVEL INDICATE THAT CLASS III OR CLASS IV CONTROL PROCEDURES ARE NECESSARY.

# INFECTION CONTROL NOTES

- A. REFER TO SPECIFICATIONS SECTION 01-35-26 SAFETY REQUIREMENTS, CHAPTER 1.12 INFECTION CONTROL FOR ADDITIONAL INFORMATION.
- B. HVAC CONNECTIONS TO EXISTING SYSTEM TO BE DISCONNECTED DURING DEMOLITION & CONSTRUCTION.
- C. G.C. TO SUPPLY NEGATIVE PRESSURE MACHINE(S) OF SUFFICIENT SIZE & QUANTITY TO ADEQUATELY HANDLE CONSTRUCTION AREAS.
- D ALL AREAS OF NEGATIVE AIR WILL BE MONITORED PER VA GUIDELINES.
- E. CONTRACTOR WILL VERIFY AND TEST NEGATIVE AIR FLOW.
- F. CONTRACTOR TO MAINTAIN A NEGATIVE AIR PRESSURE LOG.
- G. CONSTRUCTION BARRIER DETAILS TO FOLLOW ON SHEET GI402.
- H. ALL TEMPORARY CONSTRUCTION DOOR UNITS TO BE A 1 HR. FIRE RATED ASSEMBLY WITH METAL DOORS AND LOCKSETS, HINGES, FRAMES.
- TEMPORARY CONSTRUCTION DOOR ACCESSING CONSTRUCTION WORK ZONE FROM EXISTING HOSPITAL TO BE EQUIPPED WITH 'BEST' 7-PIN REMOVEABLE CORE.
- . ALL CONSTRUCTION ENTRANCES TO BE PROPERLY LABELED TO COMPLY WITH VA AND OSHA REQUIREMENTS.
- K. CONTRACTOR TO PROVIDE 24" X 36" WALK OFF MATS AND CHANGE THEM AS NEEDED AT EACH
- ENTRANCE POINT.
- L. CONTRACTOR TO PROVIDE HAND SANITIZERS AT ALL ENTRANCE/EXIT POINTS ON CONSTRUCTION SIDE. M. CONTRACTOR TO SUPPLY SPILL KIT, TO INCLUDE SHOP VAC, MULTI PURPOSE SPILL CONTROL
- SORBENTS TO ABSORB NON AGGRESSIVE LIQUIDS UP TO 30 GALLONS. N. ALL NEW CONSTRUCTION MATERIALS, TOOLS AND EQUIPMENT PASSING THROUGH HOSPITAL TO BE COVERED WITH 4 MIL. POLY SHEETS.
- O. THE CONTRACTOR SHALL NOT BLOCK OR HINDER THE USE OF THE BUILDINGS BY PATIENTS, STAFF & VISITORS.
- P. ALL MATERIALS AND EQUIPMENT MUST BE PROPERLY STORED IN DESIGNATED AREAS.
- Q. ALL DEBRIS AND GARBAGE THAT IS TO BE REMOVED THROUGH THE HOSPITAL MUST BE CONTAINED IN DUMP CARTS DESIGNED FOR THAT PURPOSE AND MUST BE COVERED WITH A FULL COVER OR LID.
- R. FLAMMABLE MATERIALS MAY NOT BE STORED IN BUILDINGS.
- S.. SEAL/FIRESTOP ALL OPENINGS IN EXISTING SMOKE BARRIER WALLS AND EXISTING RATED FLOORS. FIELD VERIFY CONDITION OF WALLS ABOVE FINISH CEILINGS AND FLOORS PRIOR TO CONSTRUCTION. IN ADDITION, SEAL / FIRESTOP ALL EXPOSED CONDUIT AND PIPING.

# GENERAL NOTES

- ALL PERSONNEL ENTERING THE CONSTRUCTION SITE AREA MUST WEAR A HARD HAT AND SAFETY GLASSES ALONG WITH ANY OTHER PPE REQUIRED IN THAT AREA.
- 2. ALL APPLICABLE FORMS TO BE COMPLETED AND APPROVED PRIOR TO STARTING
- 3. <u>PERMITS TO INCLUDE:</u>
- ICRA, ILSM, ABOVE CEILING, FIRE SPRINKLER SYSTEM, MEDICAL GASES, UTILITY SHUT-DOWN, FIRE | SMOKE WALL, FIRE ALARM SYSTEM.
- 4. THE CONSTRUCTION AREA MUST MAINTAIN A NEGATIVE PRESSURE VENTILATION.
- NEGATIVE PRESSURE MACHINES MUST BE ON AND OPERATIONAL 24/7.
- NEGATIVE AIR UNIT TO BE MAINTAINED WITH FILTER(S) REPLACEMENT PER SPECIFICATIONS. (WEEKLY REPLACEMENT OF PRE-FILTER OR AS NECESSARY. HEPA FILTER REPLACED MONTHLY.)
- CLEAN ALL EXTERIOR SURFACES OF CARTS AND TOOLS AT THE END OF EACH
- MONITOR NEGATIVE PRESSURE AND POST LOG AT THE END OF EACH SHIFT.
- 5. CONSTRUCTION CLASS WILL BE VERIFIED BY THE CONSTRUCTION SAFETY COMMITTEE.
- 6. DURING CONSTRUCTION BE CERTAIN THAT:
  - BARRIERS ARE INTACT AND MAINTAINED.
  - NEGATIVE INDICATOR IS AVAILABLE, VALIDATE PRESSURE.
  - VERIFY ICRA REQUIREMENTS ARE INTACT AND BEING MAINTAINED.
- CONSTRUCTION VESTIBULE LAY-OUT VARIES. REFER TO SHEET GI501.

# CLASS III WORK ITEMS NOTES:

#### PRIOR TO ANY CONSTRUCTION

- . REMOVE OR ISOLATE H.V.A.C. SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
- 2. COMPLETE ALL CRITICAL BARRIERS IE. SHEETROCK, PLYWOOD, PLASTIC, TO SEAL AREA FROM NON-WORK AREA OR IMPLEMENT CONTROL 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 IF INDICATED.
- 4. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
- 5. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID. 6. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS
- INSPECTED BY THE OWNER'S SAFETY DEPARTMENT AND INFECTION CONTROL DEPARTMENT AND THOROUGHLY CLEANED BY THE OWNER'S ENVIRONMENTAL SERVICES

#### POST CONSTRUCTION

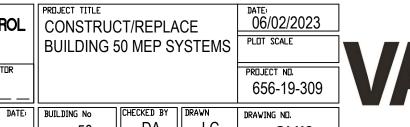
- . REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS
- ASSOCIATED WITH CONSTRUCTION.
- 2. VACUUM WORK AREA WITH HEPA FILTERED VACUUM.
- 3. WET MOP AREA WITH DISINFECTANT.
- 4. REMOVE ISOLATION OF H.V.A.C. SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

06/02/2023 - ISSUE FOR BID DRAWING TITLE

GENERAL - INFECTION CONTROL | CONSTRUCT/REPLACE

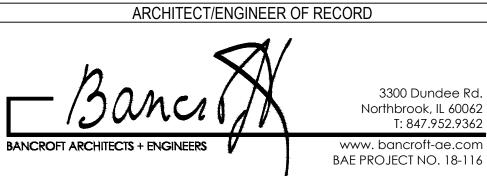
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ST. CLOUD, MN 56303





I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. **DENNIS J MIKA** Date 6-2-23 License # 56382



DATE: APPROVED: SERVICE LINE DIRECTOR

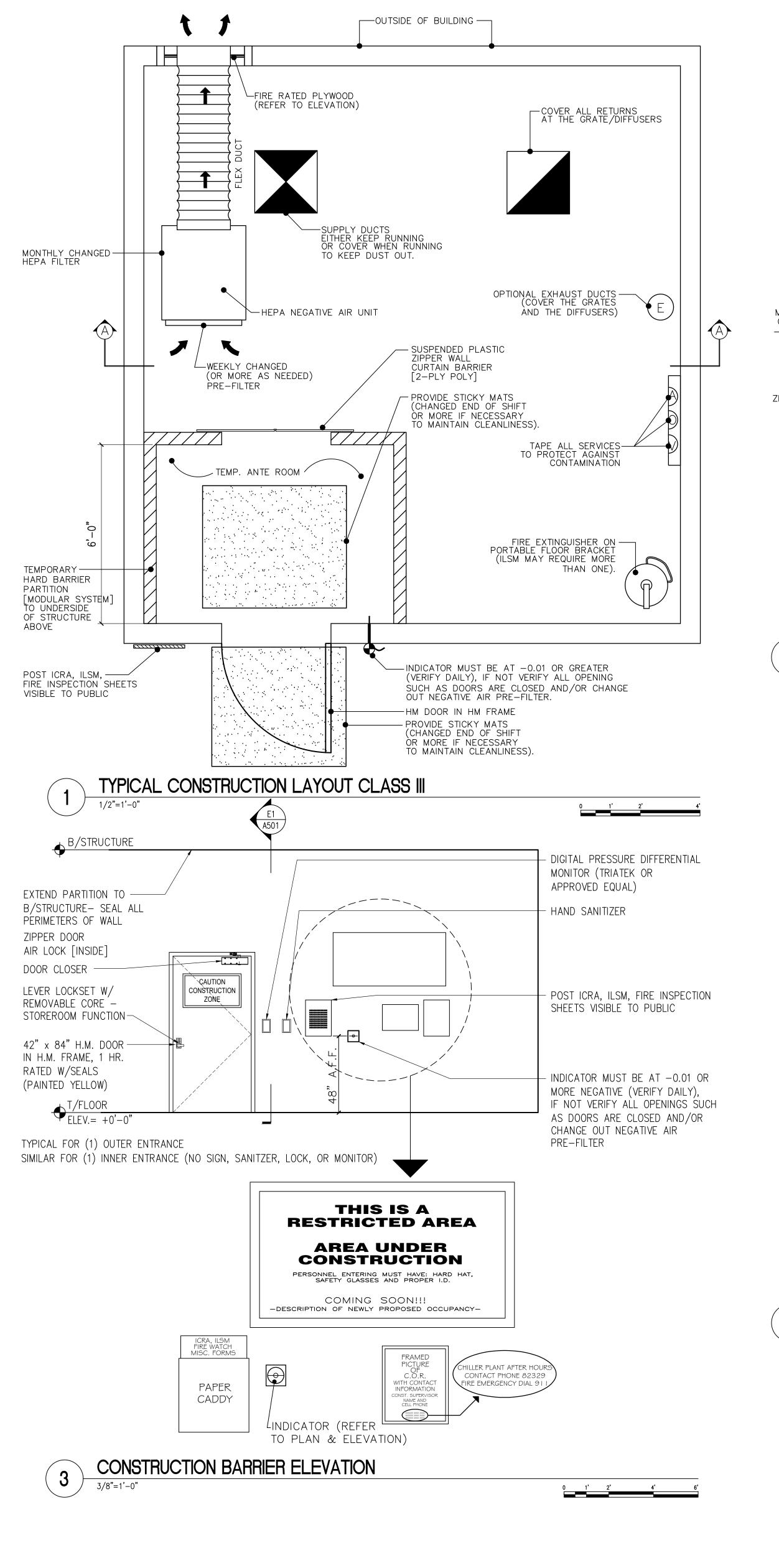
DATE: APPROVED: INFECTION CONTROL NURSE

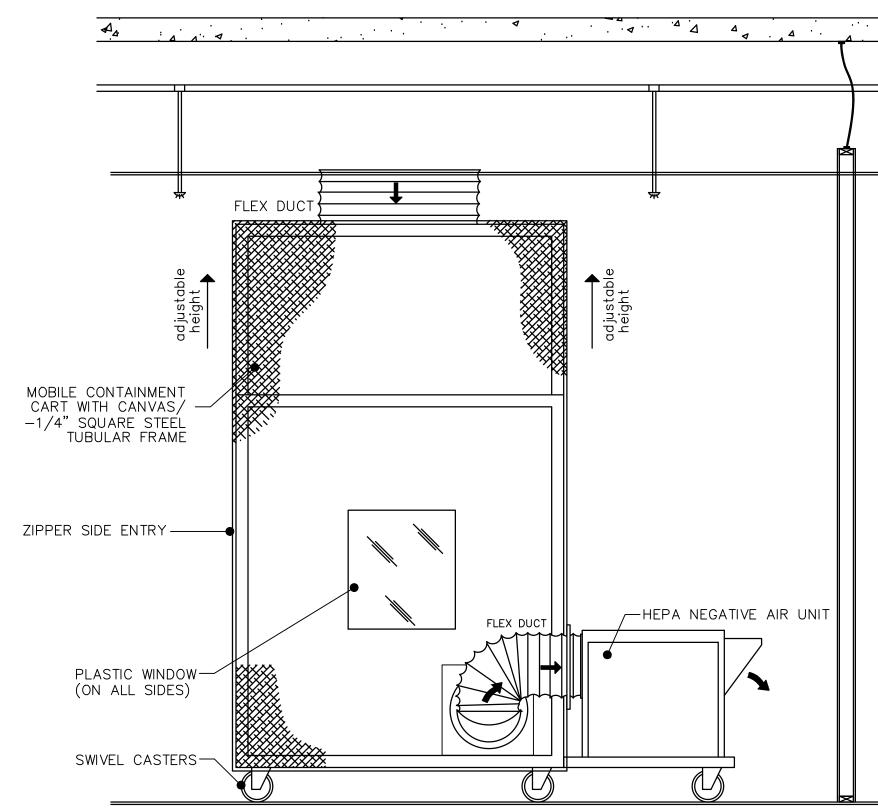
ICRA NOTES CLASS III

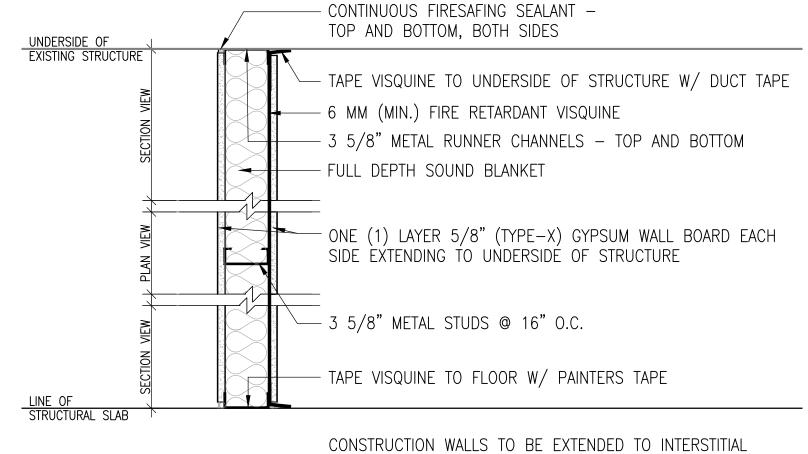
APPROVED: CHIEF OF STAFF

APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR

APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LOCATION ST. CLOUD VAHCS



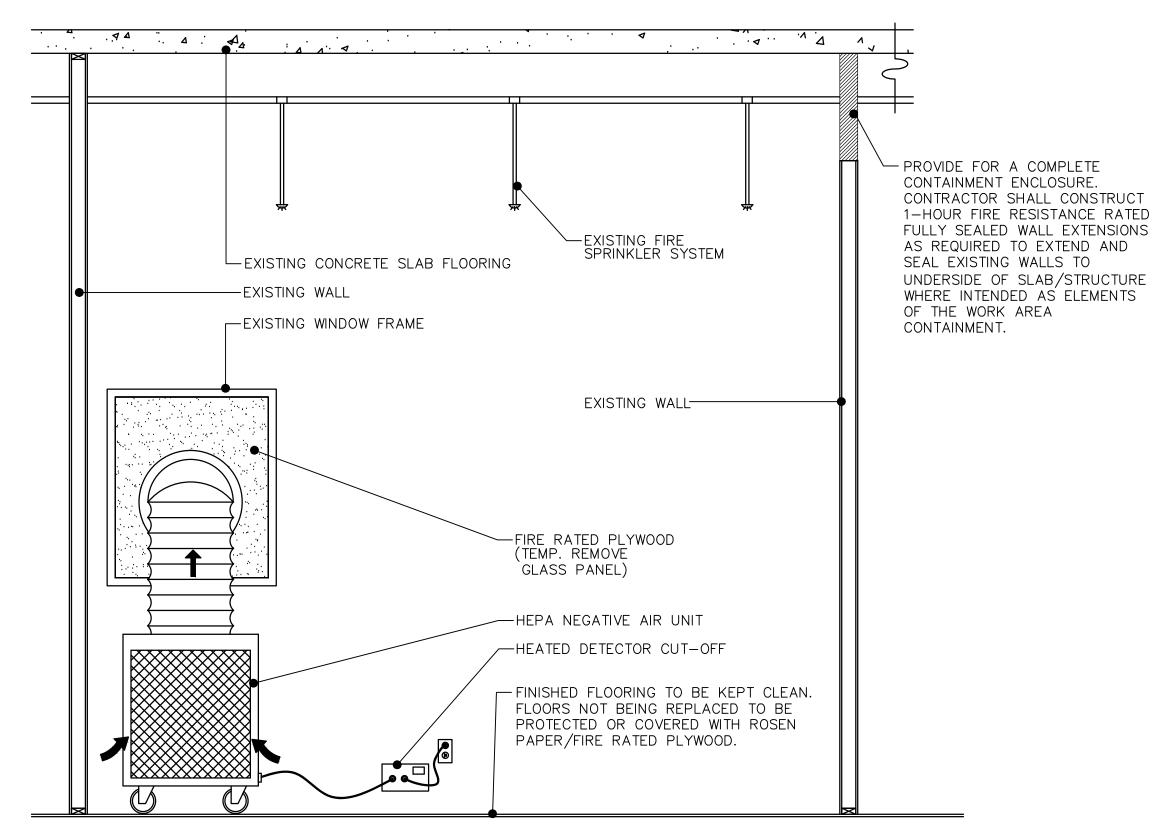




CONSTRUCTION WALLS TO BE EXTENDED TO INTERSTITIAL SLAB AND ANY OPEN PENETRATIONS TO BE FIRE STOPPED

TEMPORARY WALL BARRIER - RATED

# MOBILE CONTAINMENT CART (CONSTRUCTION BARRIER TYPES)



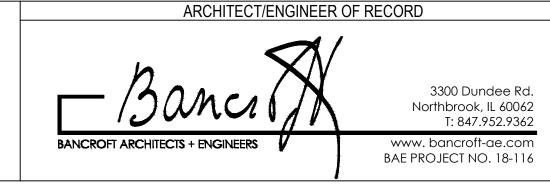
CROSS SECTION A-A CLASS III

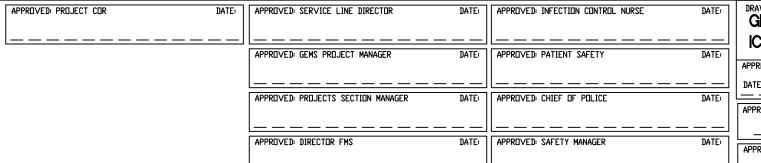
APPROVED: PROJECT COR

# 06/02/2023 - ISSUE FOR BID

IE FOR BID	06/02/23	I hereby certify that this plan, spec
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REVISION	DATE	Date 37 25 12 Exertise

pecification, or ınder my dirêct y Licensed Architect /linnesota. ense # 56382



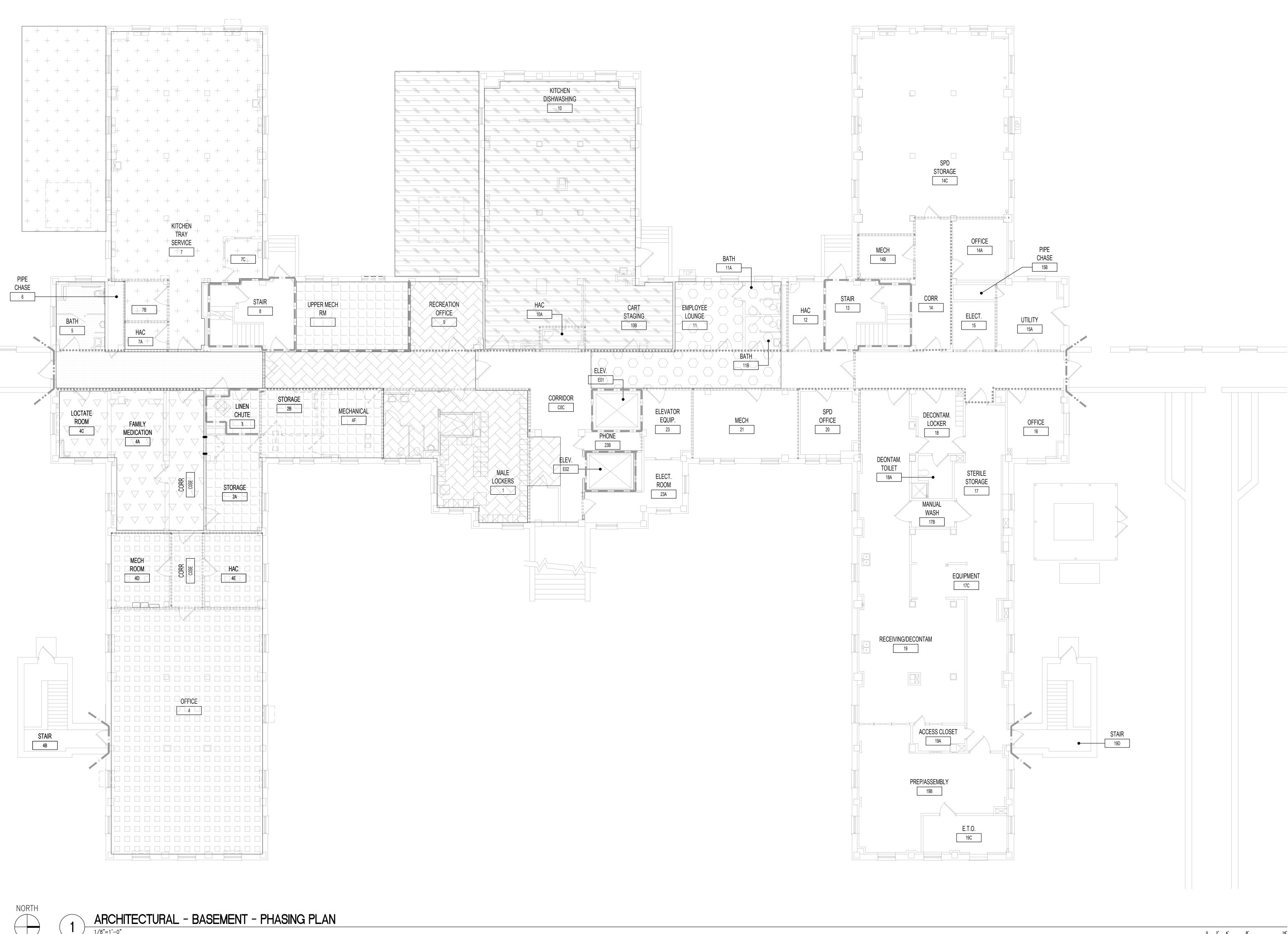


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DRAWING TITLE GENERAL - INFECTION CONTROL ICRA DRAWINGS CLASS III	PRIJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS  DATE: 06/02/2023 PLOT SCALE
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR  DATE:	PROJECT NO. 656-19-309
APPROVED: CHIEF OF STAFF DATE:	BUILDING NO DA DRAWING ND.  50 DA LC BRAWN DRAWING ND.  GI411
APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:	ST. CLOUD VAHCS ST. CLOUD, MN 56303  DWG. DF







VA REQUIRED SEQUENCE OF WORK

THE INTENT OF THE SEQUENCE OF WORK IS TO ALLOW FOR EMPLOYEE AND PATIENT ACCESS TO CONTINUE

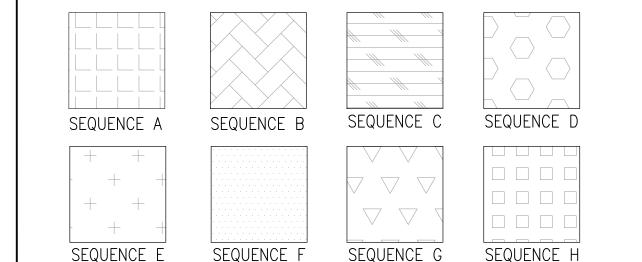
WHILE RENOVATION WORK IS DONE. THE SEQUENCE OF WORK TO BE COMPLETED IN THE FOLLOWING OUTLINE IS NOT TO BE TAKEN AS AN ALL

INCLUSIVE LIST OF ALL ITEMS TO BE COMPLETED WITHIN A SPECIFIC OUTLINED PHASE. PLEASE REFER TO ALL DISCIPLINES AND CONTRACT DOCUMENTS FOR ALL WORK ASSOCIATED IN THESE AREAS

THE SEQUENCE OF WORK IS SUBJECT TO THE CONTRACTORS MEANS AND METHODS, SCHEDULING AND TO EXISTING CONDITIONS AND TIME RESTRAINTS.

# GENERAL SEQUENCE OF WORK HATCH LEGEND

- 1. THE HATCH IS A TOOL AND NOT AN ALL INCLUSIVE REPRESENTATION OF ALL WORK.
- WHERE TWO OR MORE SEQUENCES MEET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE TRANSITION WORK BETWEEN SEQUENCES.



# GENERAL SEQUENCE OF WORK NOTES

- PROJECT SCHEDULE, ETC. FOR ALL PROJECT REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE ALL SUB-PHASING ACTIVITIES AS REQUIRED FOR WORK OCCURRING BETWEEN VARIOUS PHASES.
- CONTRACTOR SHALL REFER TO ALL DEMOLITION AND CONSTRUCTION DRAWINGS FOR A COMPLETE UNDERSTANDING OF THE SPECIFIED SCOPE OF WORK.
- CONTRACTOR SHALL MAINTAIN EGRESS PASSAGE WAYS AT INTERIOR OF BUILDING 50 DURING COMPLETE PROJECT DURATION. ALSO MAINTAIN ALL EGRESS/EXIT DOORS OF THE FACILITY.
- CONTRACTOR SHALL REFER TO DRAWING GI410 & GI411 FOR INFECTION CONTROL NOTES AND SUGGESTED LOCATION OF CONSTRUCTION BARRIERS AND ENTRANCES.
- CONTRACTOR SHALL NOTE ALL EXISTING PLUMBING, MECHANICAL AND ELECTRICAL SERVICES AND SYSTEMS THAT SCHEDULE TO REMAIN WITHIN BUILDING 1 SHALL REMAIN FULLY OPERATIONAL AND FUNCTIONAL FOR THE COMPLETE DURATION OF THE PROJECT.
- CONTRACTOR SHALL NOTE THAT BUILDING 50 SHALL BE OCCUPIED DURING CONSTRUCTION.
- HOURS OF OPERATION FOR NOISE AND VIBRATION OPERATIONS ARE DURING NORMAL HOSPITAL
- SERVICE INTERRUPTIONS DURING OFF NORMAL WORK HOURS AND SCHEDULED MINIMUM (2) WEEK ADVANCED NOTICE.
- WORK ON OUTSIDE AIR INTAKE DUCT FROM BASEMENT TO ROOF TO BE COMPLETED DURING NORMAL HOSPITAL OPERATION HOURS.
- I. ALL DUCTWORK INSTALLATION IN THE BASEMENT TO BE COMPLETED ON OFF HOURS.
- 12. ANY EXTERIOR WORK TO BE COMPLETED DURING NORMAL HOSPITAL OPERATION HOURS.
- 13. CONTRACTOR TO SEQUENCE ALL WORK TO LIMIT SHUTDOWN TIME TO NO MORE THAN ONE DAY FOR ANY

#### SEQUENCE A DURING SEQUENCE A, CONTRACTOR WILL PROVIDE INDICATED INFECTION CONTROL MEASURES TO

- ISOLATE STORAGE 2B AND MECHANICAL 2F.
- THIS SEQUENCE WILL INCLUDE ALL WORK TO INSTALL AIR HANDLING UNIT. INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION OF OUTSIDE AIR INTAKE FROM BASEMENT TO ROOF; DEMOLITION OF INDICATED WALLS AND FINISHES TO CREATE MECHANICAL 2; INSTALLATION OF AIR HANDLING UNIT AND ALL SUPPORTING EQUIPMENT; INSTALLATION OF

#### SEQUENCE B DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS,

- ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND ELECTRICAL DRAWINGS.
- OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.

# SEQUENCE C

SEQUENCE C WILL INCLUDE ALL WORK ASSOCIATED WITH ROOM 10. CONTRACTOR TO PROVIDE ICRA BARRIERS AS INDICATED ON DRAWING GI400.

DOOR TO NEW MECHANICAL ROOM.

THIS WORK INCLUDES, BUT IS NOT LIMITED TO, REMOVAL AND STORAGE OF ALL EXISTING EQUIPMENT, DEMOLITION OF EXISTING FINISHES, DEMOLITION OF EXISTING OUTDOOR AIR CONDITIONER UNITS AND ASSOCIATED HOUSEKEEPING PADS, CONSTRUCTION OF CONCRETE PADS FOR MAKE UP AIR UNITS, INSTALLATION OF MAKE UP AIR UNITS, INSTALLATION OF NEW FINISHES IN ROOMS 7 AND 10 AS INDICATED ON DRAWINGS.

# SEQUENCE D

- DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS, ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND ELECTRICAL DRAWINGS.
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# SEQUENCE E

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- THIS WORK INCLUDES, BUT IS NOT LIMITED TO, REMOVAL AND STORAGE OF ALL EXISTING EQUIPMENT, DEMOLITION OF EXISTING FINISHES, DEMOLITION OF EXISTING OUTDOOR AIR CONDITIONER UNITS AND ASSOCIATED HOUSEKEEPING PADS, CONSTRUCTION OF CONCRETE PADS FOR MAKE UP AIR UNITS. INSTALLATION OF MAKE UP AIR UNITS. INSTALLATION OF NEW FINISHES IN ROOMS 7 AND 10 AS INDICATED ON DRAWINGS.

# SEQUENCE F

- DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS, ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND ELECTRICAL DRAWINGS.
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- SEQUENCE G DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS, ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND
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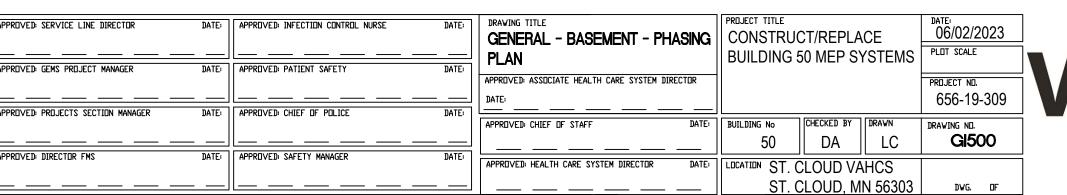
06/02/2023 - ISSUE FOR BID

ARCHITECT/ENGINEER OF RECORD DATE: APPROVED: INFECTION CONTROL NURSE APPROVED: PROJECT COR DATE: APPROVED: SERVICE LINE DIRECTOR I hereby certify that this plan, specification, or 6 ISSUE FOR BID report was prepared by me or under my direct DATE: APPROVED: PATIENT SAFETY 5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%) supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22 APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE 3300 Dundee Rd. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA 3 | DESIGN DEVELOPMENT (DD 2 - 75%) 10/11/22 Northbrook, IL 60062 T: 847.952.9362 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22 DATE: APPROVED: SAFETY MANAGER www.bancroft-ae.com BANCROFT ARCHITECTS + ENGINEERS DESIGN DEVELOPMENT (DD 1 - 50%) 02/26/20 Date 6-2-23 License # 56382

DATE

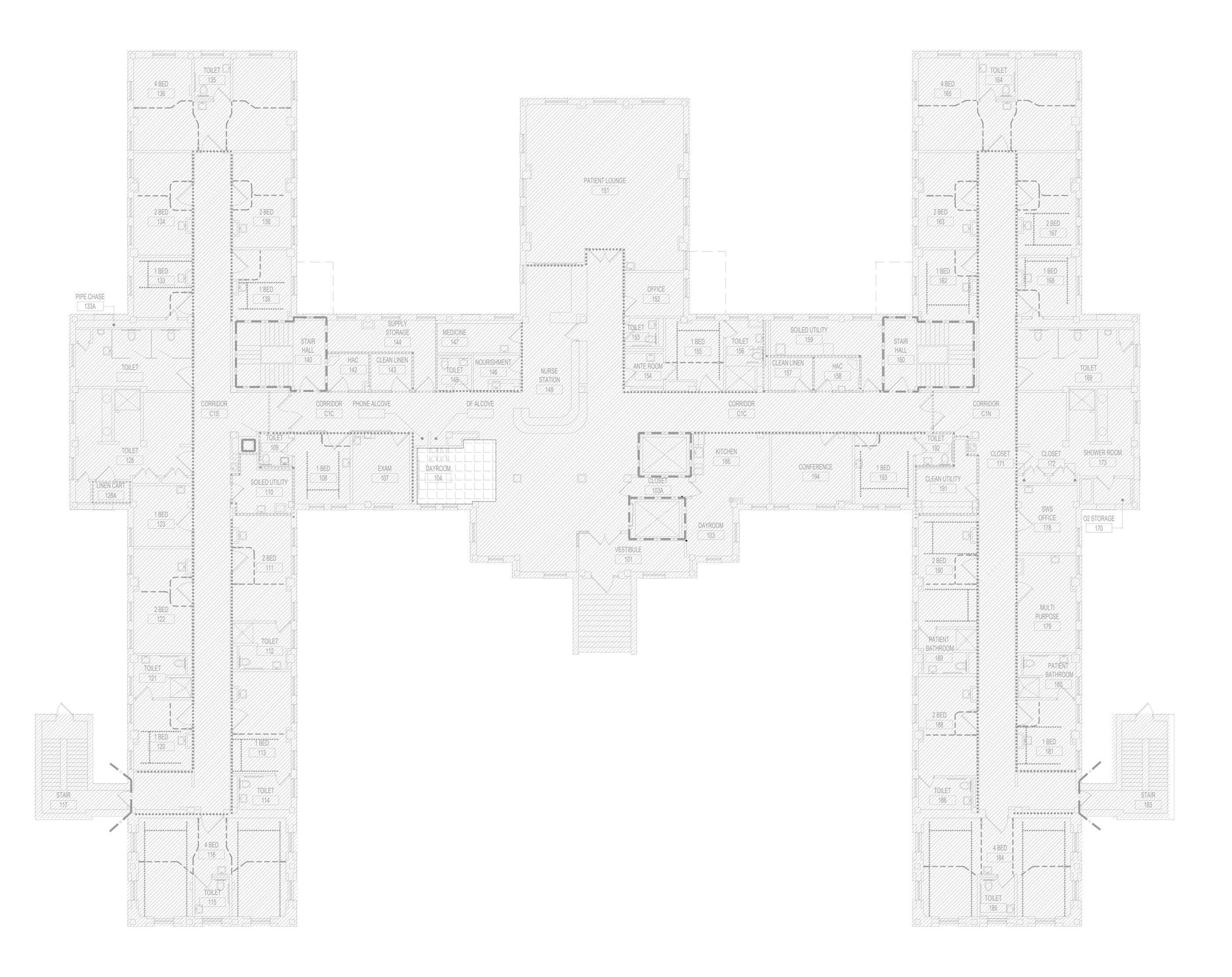
REVISION

BAE PROJECT NO. 18-116









i hereby certify that this plan, specification, or

supervision and that I am a duly Licensed Architect

Name: DENNIS J MIKA

report was prepared by me or under my direct

Date 6-2-23 License # 56382

under the laws of the State of Minnesota.

GENERAL - FIRST FLOOR - PHASING PLAN

1/8"=1'-0"

6 ISSUE FOR BID

5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%)

12/30/22

10/11/22

08/18/22

02/26/20

DATE

4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%)

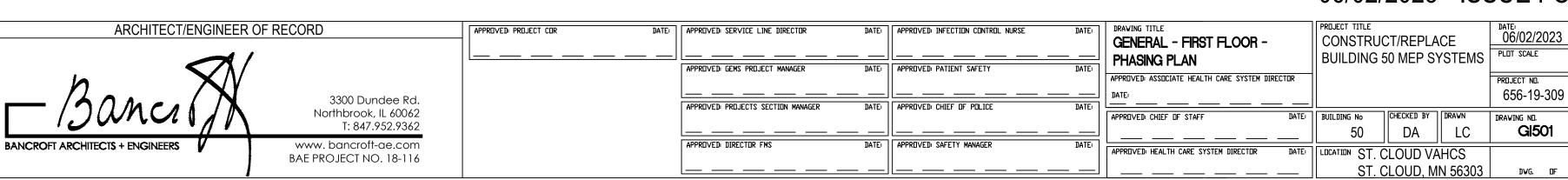
3 | DESIGN DEVELOPMENT (DD 2 - 75%)

DESIGN DEVELOPMENT (DD 1 - 50%)

DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

# 06/02/2023 - ISSUE FOR BID



**U.S. Department** of Veterans Affairs Veterans Health Administration

St. Cloud VA Health Care System

VA REQUIRED SEQUENCE OF WORK

THE INTENT OF THE SEQUENCE OF WORK IS TO ALLOW FOR EMPLOYEE AND PATIENT ACCESS TO CONTINUE

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HATCH LEGEND

WHERE TWO OR MORE SEQUENCES MEET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO

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SEQUENCE G

GENERAL SEQUENCE OF WORK

**NOTES** 

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HOURS OF OPERATION FOR NOISE AND VIBRATION OPERATIONS ARE DURING NORMAL HOSPITAL

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CONTRACTOR TO PROVIDE ICRA BARRIERS AS INDICATED ON DRAWING GI400.

SEQUENCE D DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS,

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EQUIPMENT, DEMOLITION OF EXISTING FINISHES, DEMOLITION OF EXISTING OUTDOOR AIR CONDITIONER UNITS AND ASSOCIATED HOUSEKEEPING PADS, CONSTRUCTION OF CONCRETE PADS FOR MAKE UP AIR UNITS, INSTALLATION OF MAKE UP AIR UNITS, INSTALLATION OF NEW

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SEQUENCE C WILL INCLUDE ALL WORK ASSOCIATED WITH ROOM 10.

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SUGGESTED LOCATION OF CONSTRUCTION BARRIERS AND ENTRANCES.

FUNCTIONAL FOR THE COMPLETE DURATION OF THE PROJECT.

SEQUENCE

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1. THE HATCH IS A TOOL AND NOT AN ALL INCLUSIVE REPRESENTATION OF ALL WORK.

COORDINATE THE TRANSITION WORK BETWEEN SEQUENCES.

SEQUENCE B

PROJECT SCHEDULE, ETC. FOR ALL PROJECT REQUIREMENTS.

UNDERSTANDING OF THE SPECIFIED SCOPE OF WORK.

BETWEEN VARIOUS PHASES.

OPERATION HOURS.

ADVANCED NOTICE.

HOSPITAL OPERATION HOURS.

ISOLATE STORAGE 2B AND MECHANICAL 2F.

DOOR TO NEW MECHANICAL ROOM.

ELECTRICAL DRAWINGS.

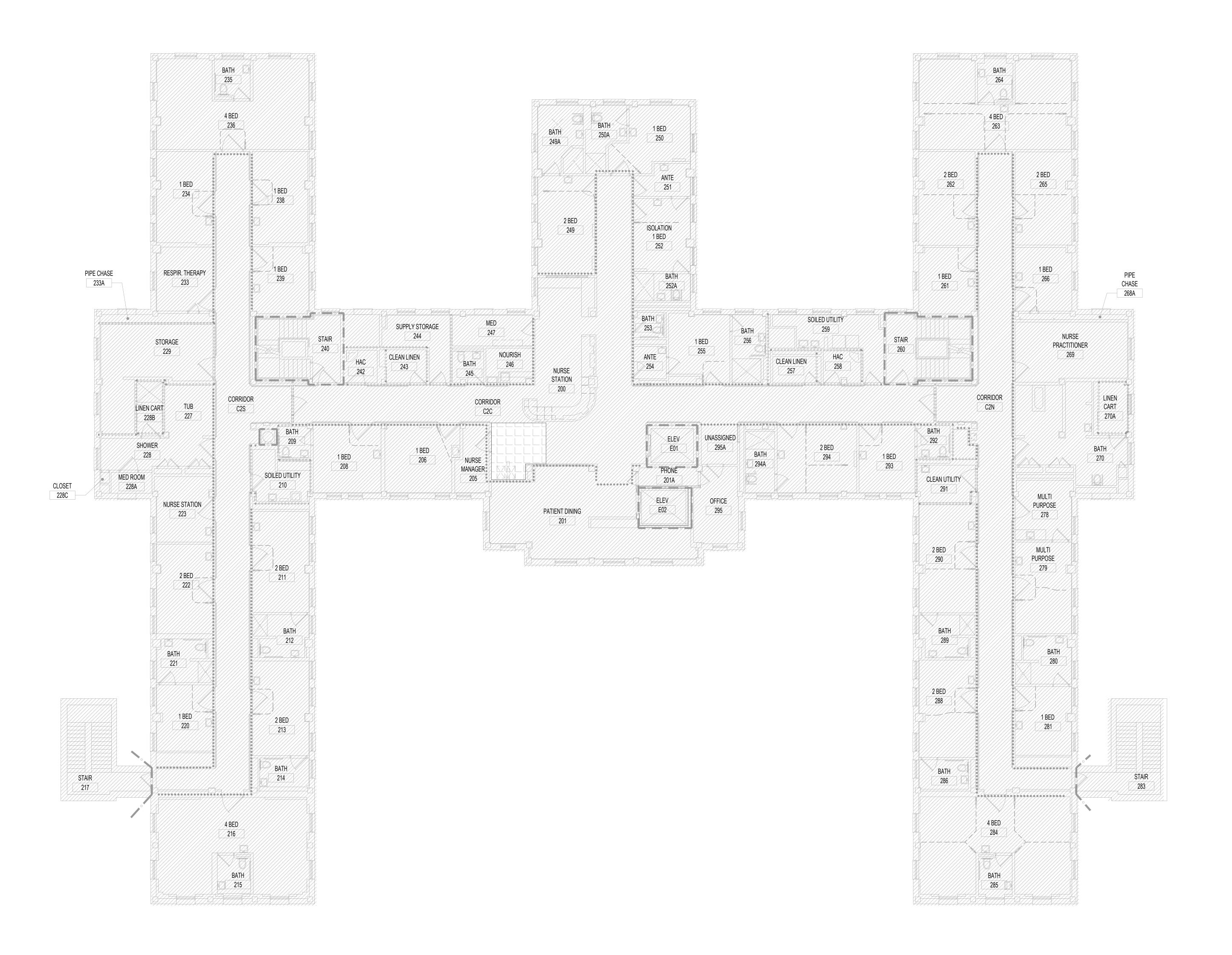
ELECTRICAL DRAWINGS.

ALL DISCIPLINES AND CONTRACT DOCUMENTS FOR ALL WORK ASSOCIATED IN THESE AREAS

WHILE RENOVATION WORK IS DONE.

SEQUENCE A

EXISTING CONDITIONS AND TIME RESTRAINTS.

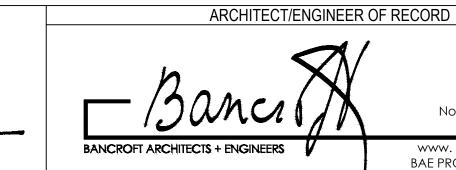


REVISION

DATE

GENERAL - SECOND FLOOR - PHASING PLAN

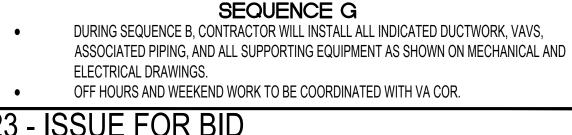
I hereby certify that this plan, specification, or 6 ISSUE FOR BID report was prepared by me or under my direct 5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%) supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22 Print Name: DENNIS J MIKA
Signature: 3 | DESIGN DEVELOPMENT (DD 2 - 75%) 10/11/22 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22 DESIGN DEVELOPMENT (DD 1 - 50%) 02/26/20 Date 6-2-23 License # 56382



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE DATE: APPROVED: PATIENT SAFETY APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

#### 06/02/2023 - ISSUE FOR BID CONSTRUCT/REPLACE GENERAL - SECOND FLOOR -BUILDING 50 MEP SYSTEMS PLOT SCALE PHASING PLAN APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 || DA || LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DVG. DF





VA REQUIRED SEQUENCE OF WORK

THE INTENT OF THE SEQUENCE OF WORK IS TO ALLOW FOR EMPLOYEE AND PATIENT ACCESS TO CONTINUE

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GENERAL SEQUENCE OF WORK

HATCH LEGEND

WHERE TWO OR MORE SEQUENCES MEET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO

SEQUENCE C

SEQUENCE G

GENERAL SEQUENCE OF WORK

**NOTES** 

CONTRACTOR SHALL BE RESPONSIBLE FOR SEQUENCING AND COORDINATION OF CONSTRUCTION

REFER TO SPECIFICATIONS FOR PROJECT GENERAL CONDITIONS, INFECTION CONTROL, SPECIAL NOTES

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13. CONTRACTOR TO SEQUENCE ALL WORK TO LIMIT SHUTDOWN TIME TO NO MORE THAN ONE DAY FOR ANY

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TO ROOF; DEMOLITION OF INDICATED WALLS AND FINISHES TO CREATE MECHANICAL 2; INSTALLATION OF AIR HANDLING UNIT AND ALL SUPPORTING EQUIPMENT; INSTALLATION OF

DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS, ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND

SEQUENCE A

•• INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION OF OUTSIDE AIR INTAKE FROM BASEMENT

SEQUENCE B

SEQUENCE C

CONTRACTOR TO PROVIDE ICRA BARRIERS AS INDICATED ON DRAWING GI400.

SEQUENCE D DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS, ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND

SEQUENCE E

CONTRACTOR TO PROVIDE ICRA BARRIERS AS INDICATED ON DRAWING GI400.

SEQUENCE F DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS,

THIS WORK INCLUDES, BUT IS NOT LIMITED TO, REMOVAL AND STORAGE OF ALL EXISTING EQUIPMENT, DEMOLITION OF EXISTING FINISHES, DEMOLITION OF EXISTING OUTDOOR AIR CONDITIONER UNITS AND ASSOCIATED HOUSEKEEPING PADS, CONSTRUCTION OF CONCRETE PADS FOR MAKE UP AIR UNITS, INSTALLATION OF MAKE UP AIR UNITS, INSTALLATION OF NEW

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OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.

SEQUENCE C WILL INCLUDE ALL WORK ASSOCIATED WITH ROOM 7.

FINISHES IN ROOMS 7 AND 10 AS INDICATED ON DRAWINGS.

OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.

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SEQUENCE

SEQUENCE

1. THE HATCH IS A TOOL AND NOT AN ALL INCLUSIVE REPRESENTATION OF ALL WORK.

COORDINATE THE TRANSITION WORK BETWEEN SEQUENCES.

SEQUENCE B

PROJECT SCHEDULE, ETC. FOR ALL PROJECT REQUIREMENTS.

UNDERSTANDING OF THE SPECIFIED SCOPE OF WORK.

ALL DISCIPLINES AND CONTRACT DOCUMENTS FOR ALL WORK ASSOCIATED IN THESE AREAS

WHILE RENOVATION WORK IS DONE.

EXISTING CONDITIONS AND TIME RESTRAINTS.

SEQUENCE A

BETWEEN VARIOUS PHASES.

ADVANCED NOTICE.

HOSPITAL OPERATION HOURS.

ISOLATE STORAGE 2B AND MECHANICAL 2F.

DOOR TO NEW MECHANICAL ROOM.

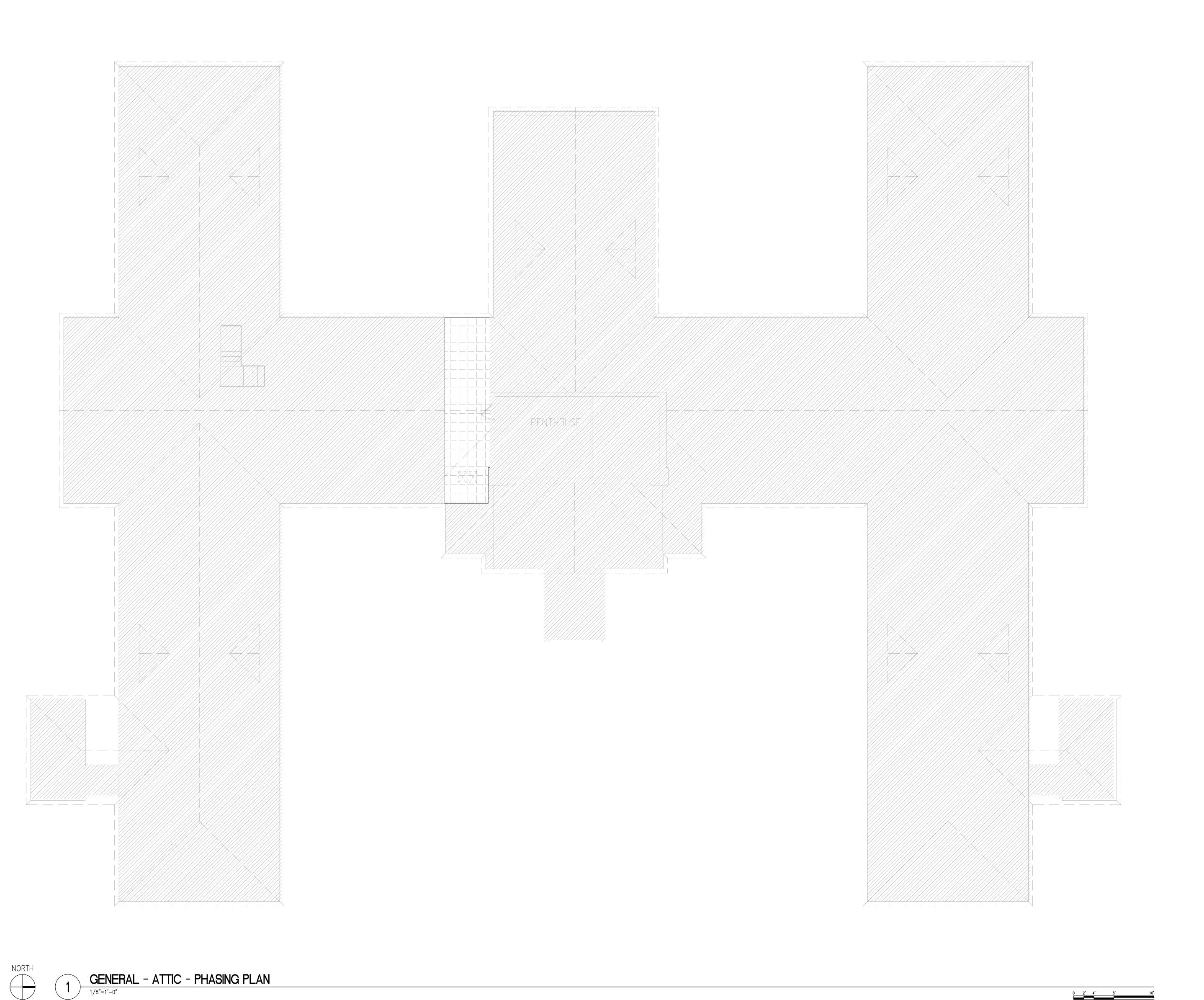
ELECTRICAL DRAWINGS.

ELECTRICAL DRAWINGS.

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ELECTRICAL DRAWINGS.





CONSTRUCT/REPLACE GENERAL - ATTIC - PHASING BUILDING 50 MEP SYSTEMS PLUT SCALE PLAN APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING NO CHECKED BY DRAWN DRAWING NO. 50 | DA | LC | **GI503** APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF



U.S. Department of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA

Date 6-2-23 License # 56382

6 ISSUE FOR BID

5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%)

12/30/22

10/11/22

08/18/22

02/26/20

DATE

4 CONSTRUCTION DOCUMENTS (CD 1 - 95%)

3 | DESIGN DEVELOPMENT (DD 2 - 75%)

2 DESIGN DEVELOPMENT (DD 1 - 50%)

DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

BANCROFT ARCHITECTS + ENGINEERS

ARCHITECT/ENGINEER OF RECORD

3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com

BAE PROJECT NO. 18-116

APPROVED: PROJECT COR

DATE: APPROVED: PATIENT SAFETY APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE

06/02/2023 - ISSUE FOR BID

ELECTRICAL DRAWINGS.

FINISHES IN ROOMS 7 AND 10 AS INDICATED ON DRAWINGS.

OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.

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ISOLATE STORAGE 2B AND MECHANICAL 2F.

DOOR TO NEW MECHANICAL ROOM.

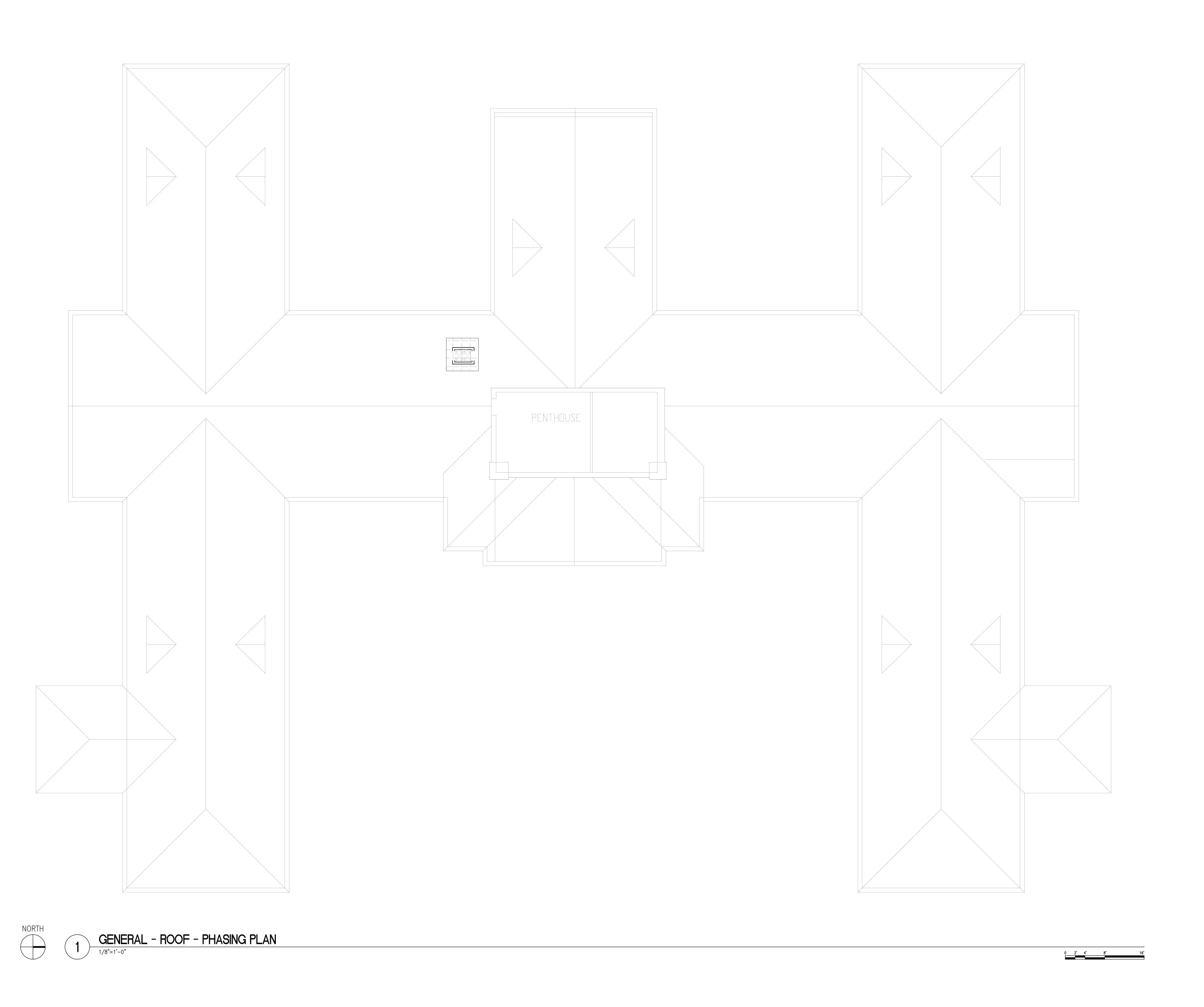
ELECTRICAL DRAWINGS.

ELECTRICAL DRAWINGS.

ALL DISCIPLINES AND CONTRACT DOCUMENTS FOR ALL WORK ASSOCIATED IN THESE AREAS

ELECTRICAL DRAWINGS.

OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.



# VA REQUIRED SEQUENCE OF WORK

THE INTENT OF THE SEQUENCE OF WORK IS TO ALLOW FOR EMPLOYEE AND PATIENT ACCESS TO CONTINUE WHILE RENOVATION WORK IS DONE.

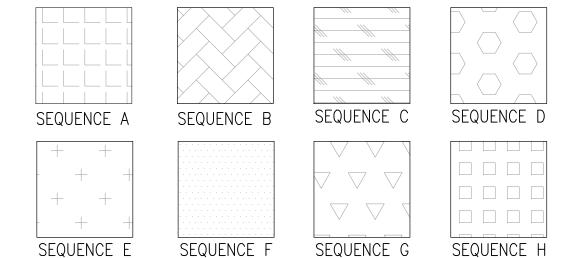
THE SEQUENCE OF WORK TO BE COMPLETED IN THE FOLLOWING OUTLINE IS NOT TO BE TAKEN AS AN ALL INCLUSIVE LIST OF ALL ITEMS TO BE COMPLETED WITHIN A SPECIFIC OUTLINED PHASE. PLEASE REFER TO

THE SEQUENCE OF WORK IS SUBJECT TO THE CONTRACTORS MEANS AND METHODS, SCHEDULING AND TO EXISTING CONDITIONS AND TIME RESTRAINTS.

ALL DISCIPLINES AND CONTRACT DOCUMENTS FOR ALL WORK ASSOCIATED IN THESE AREAS

# GENERAL SEQUENCE OF WORK HATCH LEGEND

- 1. THE HATCH IS A TOOL AND NOT AN ALL INCLUSIVE REPRESENTATION OF ALL WORK.
- 2. WHERE TWO OR MORE SEQUENCES MEET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE TRANSITION WORK BETWEEN SEQUENCES.



# GENERAL SEQUENCE OF WORK **NOTES**

- CONTRACTOR SHALL BE RESPONSIBLE FOR SEQUENCING AND COORDINATION OF CONSTRUCTION PHASING WITH THE VA'S SCHEDULE, INFECTION CONTROL, AND INTERIM LIFE SAFETY REQUIREMENTS REFER TO SPECIFICATIONS FOR PROJECT GENERAL CONDITIONS, INFECTION CONTROL, SPECIAL NOTES PROJECT SCHEDULE, ETC. FOR ALL PROJECT REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE ALL SUB-PHASING ACTIVITIES AS REQUIRED FOR WORK OCCURRING BETWEEN VARIOUS PHASES.
- CONTRACTOR SHALL REFER TO ALL DEMOLITION AND CONSTRUCTION DRAWINGS FOR A COMPLETE UNDERSTANDING OF THE SPECIFIED SCOPE OF WORK.
- CONTRACTOR SHALL MAINTAIN EGRESS PASSAGE WAYS AT INTERIOR OF BUILDING 50 DURING COMPLETE PROJECT DURATION. ALSO MAINTAIN ALL EGRESS/EXIT DOORS OF THE FACILITY.
- CONTRACTOR SHALL REFER TO DRAWING GI410 & GI411 FOR INFECTION CONTROL NOTES AND SUGGESTED LOCATION OF CONSTRUCTION BARRIERS AND ENTRANCES.
- CONTRACTOR SHALL NOTE ALL EXISTING PLUMBING, MECHANICAL AND ELECTRICAL SERVICES AND SYSTEMS THAT SCHEDULE TO REMAIN WITHIN BUILDING 1 SHALL REMAIN FULLY OPERATIONAL AND FUNCTIONAL FOR THE COMPLETE DURATION OF THE PROJECT.
- CONTRACTOR SHALL NOTE THAT BUILDING 50 SHALL BE OCCUPIED DURING CONSTRUCTION.
- HOURS OF OPERATION FOR NOISE AND VIBRATION OPERATIONS ARE DURING NORMAL HOSPITAL
- SERVICE INTERRUPTIONS DURING OFF NORMAL WORK HOURS AND SCHEDULED MINIMUM (2) WEEK ADVANCED NOTICE.
- WORK ON OUTSIDE AIR INTAKE DUCT FROM BASEMENT TO ROOF TO BE COMPLETED DURING NORMAL HOSPITAL OPERATION HOURS.
- 1. ALL DUCTWORK INSTALLATION IN THE BASEMENT TO BE COMPLETED ON OFF HOURS.
- 12. ANY EXTERIOR WORK TO BE COMPLETED DURING NORMAL HOSPITAL OPERATION HOURS.
- 13. CONTRACTOR TO SEQUENCE ALL WORK TO LIMIT SHUTDOWN TIME TO NO MORE THAN ONE DAY FOR ANY

#### SEQUENCE A DURING SEQUENCE A, CONTRACTOR WILL PROVIDE INDICATED INFECTION CONTROL MEASURES TO

- ISOLATE STORAGE 2B AND MECHANICAL 2F. THIS SEQUENCE WILL INCLUDE ALL WORK TO INSTALL AIR HANDLING UNIT.
- •• INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION OF OUTSIDE AIR INTAKE FROM BASEMENT TO ROOF; DEMOLITION OF INDICATED WALLS AND FINISHES TO CREATE MECHANICAL 2; INSTALLATION OF AIR HANDLING UNIT AND ALL SUPPORTING EQUIPMENT; INSTALLATION OF

# SEQUENCE B

- DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS, ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND ELECTRICAL DRAWINGS.
- OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.

# SEQUENCE C

DOOR TO NEW MECHANICAL ROOM.

- SEQUENCE C WILL INCLUDE ALL WORK ASSOCIATED WITH ROOM 10. CONTRACTOR TO PROVIDE ICRA BARRIERS AS INDICATED ON DRAWING GI400.
- THIS WORK INCLUDES, BUT IS NOT LIMITED TO, REMOVAL AND STORAGE OF ALL EXISTING EQUIPMENT, DEMOLITION OF EXISTING FINISHES, DEMOLITION OF EXISTING OUTDOOR AIR CONDITIONER UNITS AND ASSOCIATED HOUSEKEEPING PADS, CONSTRUCTION OF CONCRETE PADS FOR MAKE UP AIR UNITS, INSTALLATION OF MAKE UP AIR UNITS, INSTALLATION OF NEW FINISHES IN ROOMS 7 AND 10 AS INDICATED ON DRAWINGS.

# SEQUENCE D

- DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS, ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND ELECTRICAL DRAWINGS.
- OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.

# SEQUENCE E

- SEQUENCE C WILL INCLUDE ALL WORK ASSOCIATED WITH ROOM 7. CONTRACTOR TO PROVIDE ICRA BARRIERS AS INDICATED ON DRAWING GI400.
- THIS WORK INCLUDES, BUT IS NOT LIMITED TO, REMOVAL AND STORAGE OF ALL EXISTING EQUIPMENT, DEMOLITION OF EXISTING FINISHES, DEMOLITION OF EXISTING OUTDOOR AIR CONDITIONER UNITS AND ASSOCIATED HOUSEKEEPING PADS, CONSTRUCTION OF CONCRETE PADS FOR MAKE UP AIR UNITS, INSTALLATION OF MAKE UP AIR UNITS, INSTALLATION OF NEW FINISHES IN ROOMS 7 AND 10 AS INDICATED ON DRAWINGS.

# SEQUENCE F

- DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS, ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND ELECTRICAL DRAWINGS.
- OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.
- SEQUENCE G DURING SEQUENCE B, CONTRACTOR WILL INSTALL ALL INDICATED DUCTWORK, VAVS,
- ASSOCIATED PIPING, AND ALL SUPPORTING EQUIPMENT AS SHOWN ON MECHANICAL AND ELECTRICAL DRAWINGS.
- OFF HOURS AND WEEKEND WORK TO BE COORDINATED WITH VA COR.

06/02/2023 - ISSUE FOR BID

ST. CLOUD, MN 56303 DWG. DF

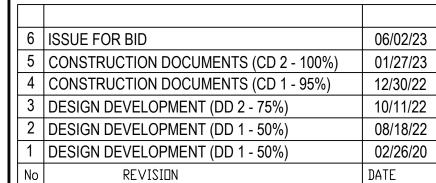
CONSTRUCT/REPLACE GENERAL - ROOF - PHASING BUILDING 50 MEP SYSTEMS PLUT SCALE PLAN APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING NO CHECKED BY DRAWN DRAWING NO. 50 | DA | LC | **GI504** 

APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS









I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA Date 6-2-23 License # 56382



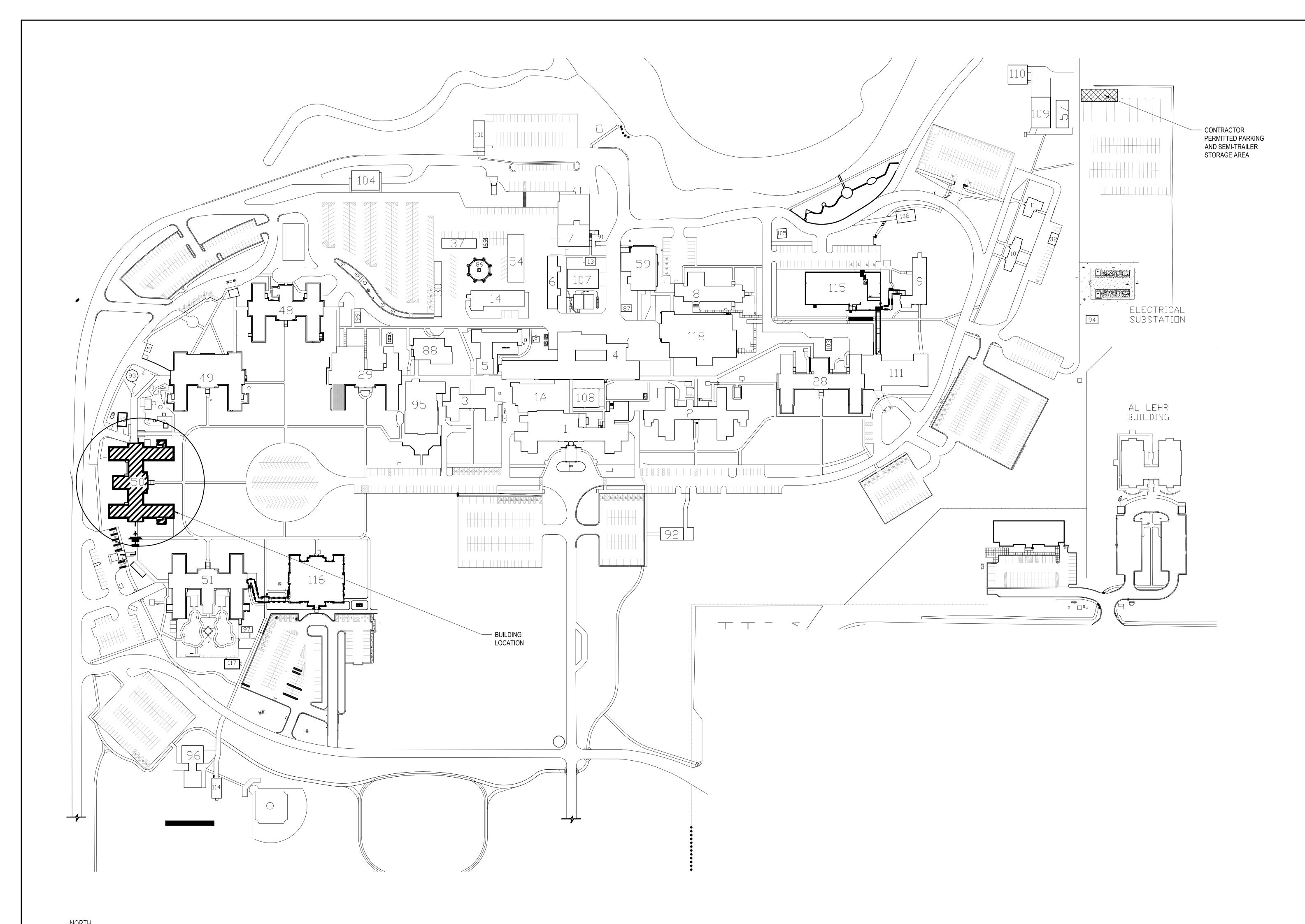
ARCHITECT/ENGINEER OF RECORD

3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER 

DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE

DATE: APPROVED: PATIENT SAFETY



# GENERAL STAGING NOTES

- SIZE OF TEMPORARY CONSTRUCTION TRAILERS SHALL BE COORDINATED WITH OWNER.
- CONTRACTOR WILL BE GIVEN (1) SEMI TRAILER PARKING FOR STORAGE OF MATERIALS THAT ARE TO BE INSTALLED ON SITE WITHIN FIVE BUSINESS DAYS.
- CONTRACTOR WILL BE ISSUED PARKING PERMITS FOR CONTRACTOR VEHICLE PARKING IN IDENTIFIED AREA OR IN ANOTHER LOCATION OF SIMILAR DISTANCE TO THE PROJECT SITE AS DIRECTED BY THE COR. ALL OTHER PARKING MUST BE WITHIN THE PROJECT SITE(S). POLICE WILL TICKET AND OR TOW AT THE EXPENSE OF THE VEHICLE OWNER FOR PARKING ELSEWHERE.
- 4. IF THE CONTRACTOR WANTS A TEMPORARY CONSTRUCTION OFFICE TRAILER, IT SHALL BE IN THE 'PROPOSED BUILDING LOCATION AND CONTRACTOR STAGING AREA'. DESIGNATED HERE,
- AND SHALL BE 30 FEET (MIN) AWAY FROM ALL STRUCTURES. CONTRACTOR ONLY TO BRING MATERIALS INTO BUILDING 50 FOR WORK THAT DAY. NO STORAGE WILL BE PROVIDED WITHIN
- MATERIALS AND WASTE TO BE TRANSPORTED THROUGH BUILDING IN COVERED CART.

# STAGING PLAN LEGEND

EXISTING CONSTRUCTION TO REMAIN

AREA OF WORK

BUILDING 50.

CONTRACTOR STAGING AREA

→ → → → PATH OF ACCESS CONTRACTOR AND

06/02/2023 - ISSUE FOR BID

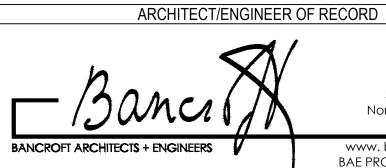
6 ISSUE FOR BID 5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%) | 01/27/23 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22 10/11/22 3 DESIGN DEVELOPMENT (DD 2 - 75%) 2 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22 02/26/20 1 DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

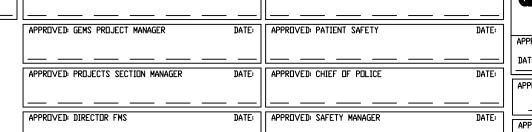
DATE

GENERAL - SITE STAGING PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA Date 6-2-23 License # 56382



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

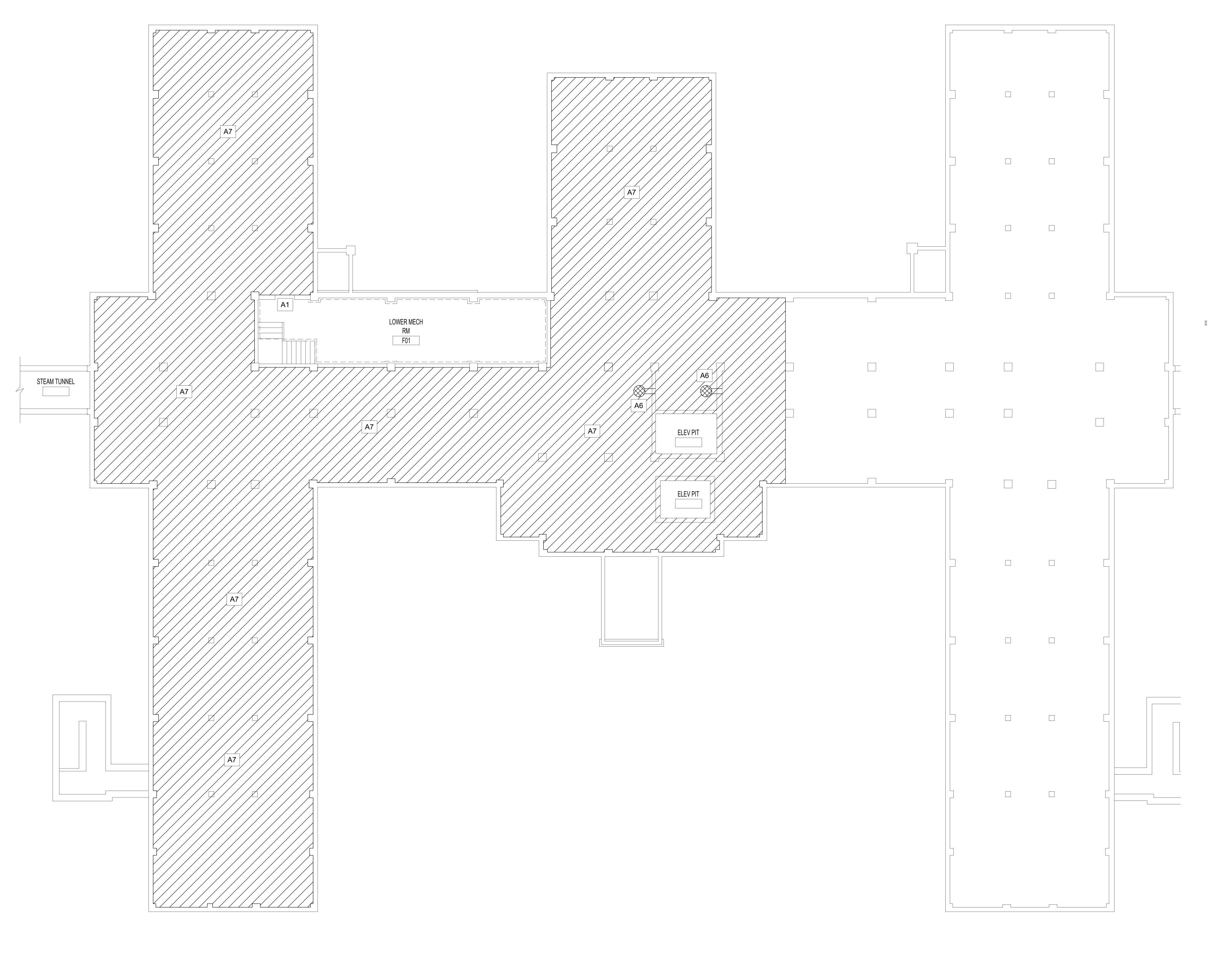


DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE

DRAWING TITLE  GENERAL - SITE STACING PLAN	PROJECT TITLE CONSTRUCT BUILDING 5			DATE: 06/02/2 PLUT SCALE	2023	
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR  DATE:				PROJECT NO. 656-19	-309	
APPROVED: CHIEF OF STAFF DATE:	BUILDING No 50	CHECKED BY	DRAWN LC	DRAWING NO.		
APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:		CLOUD VA CLOUD, M		D <b>∀</b> G.	OF	







# HAZARDOUS PLAN NOTES

- REFER TO SPECIFICATIONS 028211, 028213.13, 028212.19 AND 028333.13 FOR ASBESTOS AND LEAD-BASED CERAMIC TILE REMOVAL AND ABATEMENT REQUIREMENTS AND PROCEDURES.
- 2. REFER TO ASBESTOS INSPECTION REPORT 03-29-2017 AND CURRENT ASBESTOS/LEAD CONSULTANT FINDINGS.

# ASBESTOS ABATEMENT LEGEND



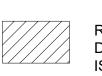
REMOVE ASBESTOS-CONTAINING BLACK MASTIC UNDER NON-ASBESTOS CERAMIC FLOOR TILE AS INDICATED IN THE KEYNOTES



REMOVE ASBESTOS-CONTAINING BLACK MASTIC UNDER NON-ASBESTOS FLOOR TILE AS INDICATED IN THE KEYNOTES



REMOVE ASBESTOS-CONTAINING FIRE DOOR AS WHOLE COMPONENT AS INDICATED IN THE KEYNOTES



REMOVE VISIBLE ASBESTOS DEBRIS FROM SOIL DIGGING DOWN 6 INCHES AND EXTENDING 12 INCHES WHERE DEBRIS IS FOUND. COVER SOIL WITH REINFORCED, FIRE RETARDANT 6 MIL POLYETHYLENE SHEETING THROUGHOUT INDICATED



REMOVE ASBESTOS-CONTAINING PIPE INSULATION AS INDICATED IN THE KEYNOTES

# LEAD ABATEMENT LEGEND

REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE AS INDICATED IN THE KEYNOTES

# ABATEMENT GENERAL NOTES

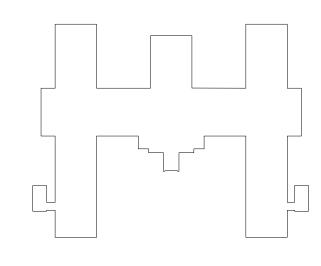
- THE SCOPE OF THE ASBESTOS RELATED WORK CONSISTS OF REMOVING ASBESTOS CONTAINING PIPE AND FITTING INSULATION, ASBESTOS CONTAINING FLOOR MASTIC, ASBESTOS DEBRIS IN SOIL, AND ASBESTOS-CONTAINING FIRE DOOR.
- 2. ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS AND THE CONTRACT SPECIFICATIONS
- 3. THE ABATEMENT WORK SHALL BE CONDUCTED DURING REGULAR BUSINESS HOURS (8:00 AM - 4:30 PM) EXCLUDING FEDERAL HOLIDAYS.
- 4. WORK SCHEDULES AND LIMITS OF ABATEMENT SHALL BE COORDINATED WITH THE VA COR AND VPIH FOR APPROVALS.
- 5. THE ABATEMENT CONTRACTOR SHALL SUBMIT A DETAILED WORK PLAN AND ABATEMENT SCHEDULE WITH THE REQUIRED SUBMITTALS. ANY CHANGES TO THE PROCEDURES, CONTAINMENT LIMITS AND PHASING SHALL BE SUBMITTED TO THE VA COR AND VPIH FOR APPROVALS.
- 6. THE LOCATIONS AND QUANTITIES OF ALL ABATEMENT SHALL BE FIELD VERIFIED BY THE ABATEMENT CONTRACTOR AND THE GENERAL CONTRACTOR. THE LIMITS OF REMOVAL AND EXTENT OF THE CONTAINMENTS SHALL BE VERIFIED WITH THE VA COR AND VPIH. FOR CLARITY, THE DRAWINGS ONLY SHOW REPRESENTATIVE LOCATIONS OF
- 7. ALL LOADOUT PROCEDURES SHALL BE COORDINATED WITH THE VA COR AND VPIH.
- 8. A DECONTAMINATION UNIT IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS SHALL BE REQUIRED FOR EACH CONTAINMENT WITH FLOOR TILE OR MASTIC REMOVAL AND ALSO PIPE INSULATION QUANTITIES GREATER THAN 25 LF. THE LOCATIONS OF ABATEMENT DECONTAMINATION UNITS AND WASTE DISPOSAL CONTAINERS SHALL BE FIELD VERIFIED WITH THE VA COR AND VPIH.

# ASBESTOS/LEAD ABATEMENT KEY NOTES

CONSTRUCT LOCKABLE, IMPERMEABLE ENCLOSURE AROUND THE PERSONNEL DECONTAMINATION UNIT AND SEPARATE

EQUIPMENT/WASTE LOADOUT UNIT.

- A2 REMOVE ASBESTOS-CONTAINING BLACK FLOOR MASTIC BELOW NON-ASBESTOS CONTAINING CERAMIC FLOOR TILE UNDER FULL CONTAINMENT.
- REMOVE ASBESTOS-CONTAINING BLACK FLOOR MASTIC BELOW
- NON-ASBESTOS CONTAINING 12" FLOOR TILE. WHOLE COMPONENT REMOVAL OF ASBESTOS-CONTAINING FIRE DOOR.
- REMOVE ASBESTOS-CONTAINING PIPE INSULATION, UNDER FULL CONTAINMENT, WHICH IS ASSUMED TO BE CONCEALED BEHIND CHASE WALL AT THIS LOCATION. PIPE INSULATION WILL BE EXPOSED AS A RESULT OF WALL DEMOLITION.
- A6 GLOVEBAG REMOVAL OF ASBESTOS-CONTAINING PIPE INSULATION IN WALL PENETRATION.
- REMOVE VISIBLE ASBESTOS DEBRIS FROM SOIL DIGGING DOWN 6 INCHES AND EXTENDING 12 INCHES WHERE DEBRIS IS FOUND. COVER SOIL WITH REINFORCED, FIRE RETARDANT 6 MIL POLYETHYLENE SHEETING THROUGHOUT INDICATED AREA.
- REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE ON INTERIOR
- REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE AND SUBSTRATE ON EXTERIOR WALLS.



# 06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE





3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116

ARCHITECT/ENGINEER OF RECORD

APPROVED: PROJECT COR

APPROVED: GEMS PROJECT MANAGER DATE: APPROVED: CHIEF OF POLICE APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: SAFETY MANAGER APPROVED: DIRECTOR FMS

DATE: APPROVED: INFECTION CONTROL NURSE

DATE: | APPROVED: SERVICE LINE DIRECTOR

PROJECT TITLE

HAZARDOUS MATERIALS PLAN
ASBESTOS/LEAD - SUB-BASEMENT

PROJECT TITLE

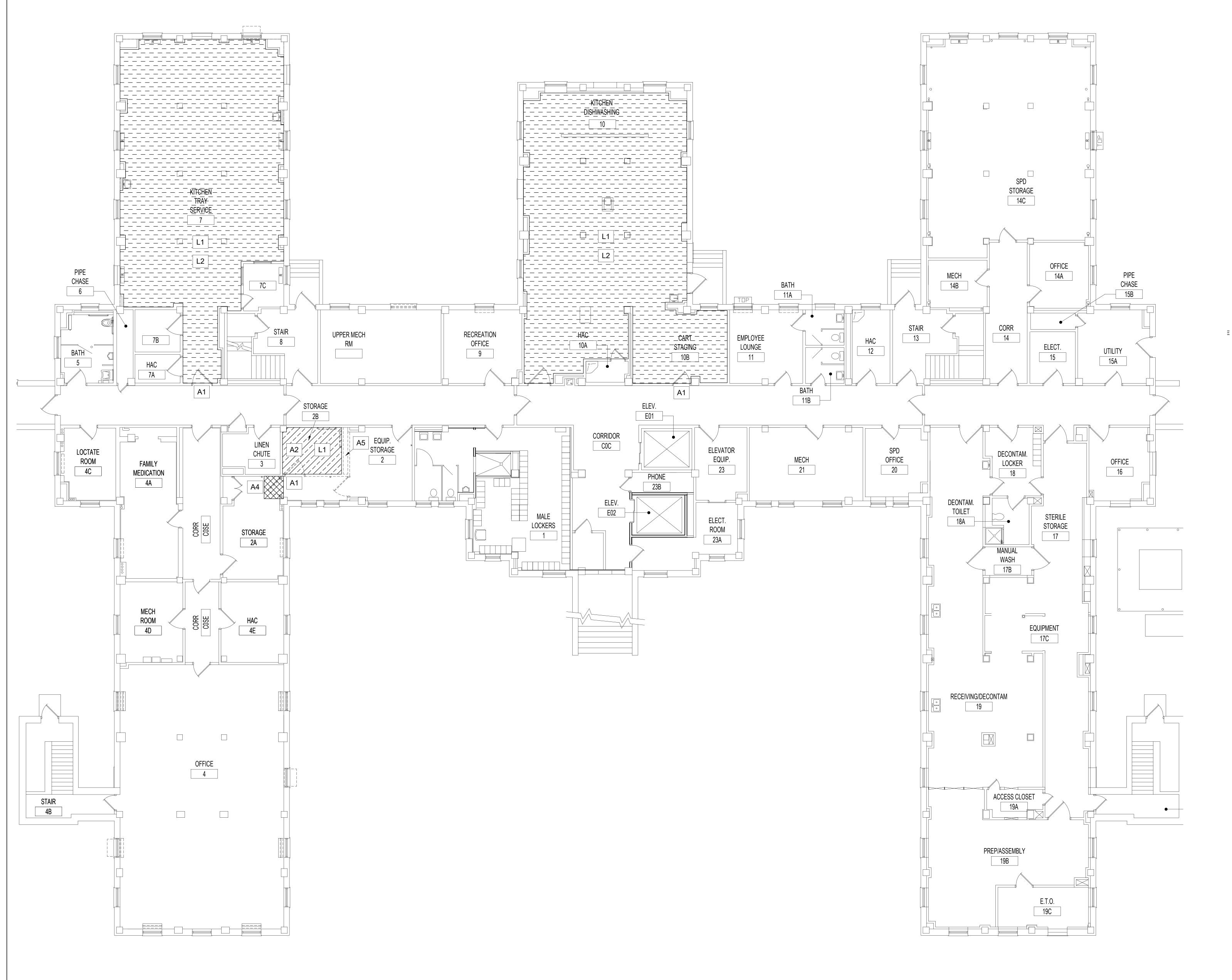
CONSTRUCT/REPLACE
BUILDING 50 MEP SYSTEMS

PLOT SCALE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING NO CHECKED BY DRAWN DRAWING ND. BV BV HA100S APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303





Health Care System



# HAZARDOUS PLAN NOTES

REFER TO SPECIFICATIONS 028211, 028213.13, 028212.19 AND 028333.13 FOR ASBESTOS AND LEAD-BASED CERAMIC TILE

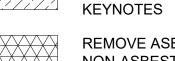
REMOVAL AND ABATEMENT REQUIREMENTS AND PROCEDURES.

2. REFER TO ASBESTOS INSPECTION REPORT 03-29-2017 AND CURRENT ASBESTOS/LEAD CONSULTANT FINDINGS.

# ASBESTOS ABATEMENT LEGEND



REMOVE ASBESTOS-CONTAINING BLACK MASTIC UNDER NON-ASBESTOS CERAMIC FLOOR TILE AS INDICATED IN THE



REMOVE ASBESTOS-CONTAINING BLACK MASTIC UNDER NON-ASBESTOS FLOOR TILE AS INDICATED IN THE



REMOVE ASBESTOS-CONTAINING FIRE DOOR AS WHOLE COMPONENT AS INDICATED IN THE KEYNOTES



REMOVE VISIBLE ASBESTOS DEBRIS FROM SOIL DIGGING DOWN 6 INCHES AND EXTENDING 12 INCHES WHERE DEBRIS IS FOUND. COVER SOIL WITH REINFORCED. FIRE RETARDANT 6 MIL POLYETHYLENE SHEETING THROUGHOUT INDICATED



REMOVE ASBESTOS-CONTAINING PIPE INSULATION AS INDICATED IN THE KEYNOTES

# LEAD ABATEMENT LEGEND

REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE AS INDICATED IN THE KEYNOTES

# ABATEMENT GENERAL NOTES

- THE SCOPE OF THE ASBESTOS RELATED WORK CONSISTS OF REMOVING ASBESTOS CONTAINING PIPE AND FITTING INSULATION, ASBESTOS CONTAINING FLOOR MASTIC, ASBESTOS DEBRIS IN SOIL, AND ASBESTOS-CONTAINING FIRE DOOR.
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- 7. ALL LOADOUT PROCEDURES SHALL BE COORDINATED WITH THE VA COR AND VPIH.
- 8. A DECONTAMINATION UNIT IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS SHALL BE REQUIRED FOR EACH CONTAINMENT WITH FLOOR TILE OR MASTIC REMOVAL AND ALSO PIPE INSULATION QUANTITIES GREATER THAN 25 LF. THE LOCATIONS OF ABATEMENT DECONTAMINATION UNITS AND WASTE DISPOSAL CONTAINERS SHALL BE FIELD VERIFIED WITH THE VA COR AND VPIH.

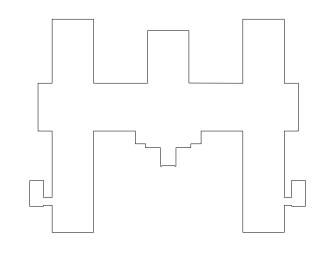
# ASBESTOS/LEAD ABATEMENT KEY NOTES

- CONSTRUCT LOCKABLE, IMPERMEABLE ENCLOSURE AROUND THE PERSONNEL DECONTAMINATION UNIT AND SEPARATE EQUIPMENT/WASTE LOADOUT UNIT.
- A2 REMOVE ASBESTOS-CONTAINING BLACK FLOOR MASTIC BELOW NON-ASBESTOS CONTAINING CERAMIC FLOOR TILE UNDER FULL CONTAINMENT.
- A3 REMOVE ASBESTOS-CONTAINING BLACK FLOOR MASTIC BELOW NON-ASBESTOS CONTAINING 12" FLOOR TILE.
- A4 WHOLE COMPONENT REMOVAL OF ASBESTOS-CONTAINING FIRE DOOR.
- A5 REMOVE ASBESTOS-CONTAINING PIPE INSULATION, UNDER FULL CONTAINMENT, WHICH IS ASSUMED TO BE CONCEALED BEHIND CHASE WALL AT THIS LOCATION. PIPE INSULATION WILL BE EXPOSED AS A
- A6 GLOVEBAG REMOVAL OF ASBESTOS-CONTAINING PIPE INSULATION IN WALL PENETRATION.

RESULT OF WALL DEMOLITION.

SUBSTRATE ON EXTERIOR WALLS.

- A7 REMOVE VISIBLE ASBESTOS DEBRIS FROM SOIL DIGGING DOWN 6 INCHES AND EXTENDING 12 INCHES WHERE DEBRIS IS FOUND. COVER SOIL WITH REINFORCED, FIRE RETARDANT 6 MIL POLYETHYLENE SHEETING THROUGHOUT INDICATED AREA.
- REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE ON INTERIOR
- REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE AND



KEY PLAN BUILDING 50

# 06/02/2023 - ISSUE FOR BID

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1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE





ARCHITECT/ENGINEER OF RECORD

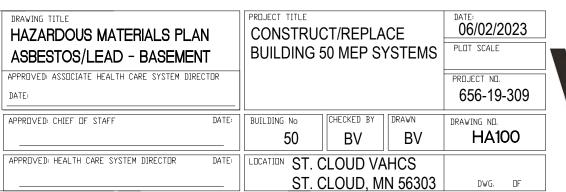


APPROVED: PROJECT COR



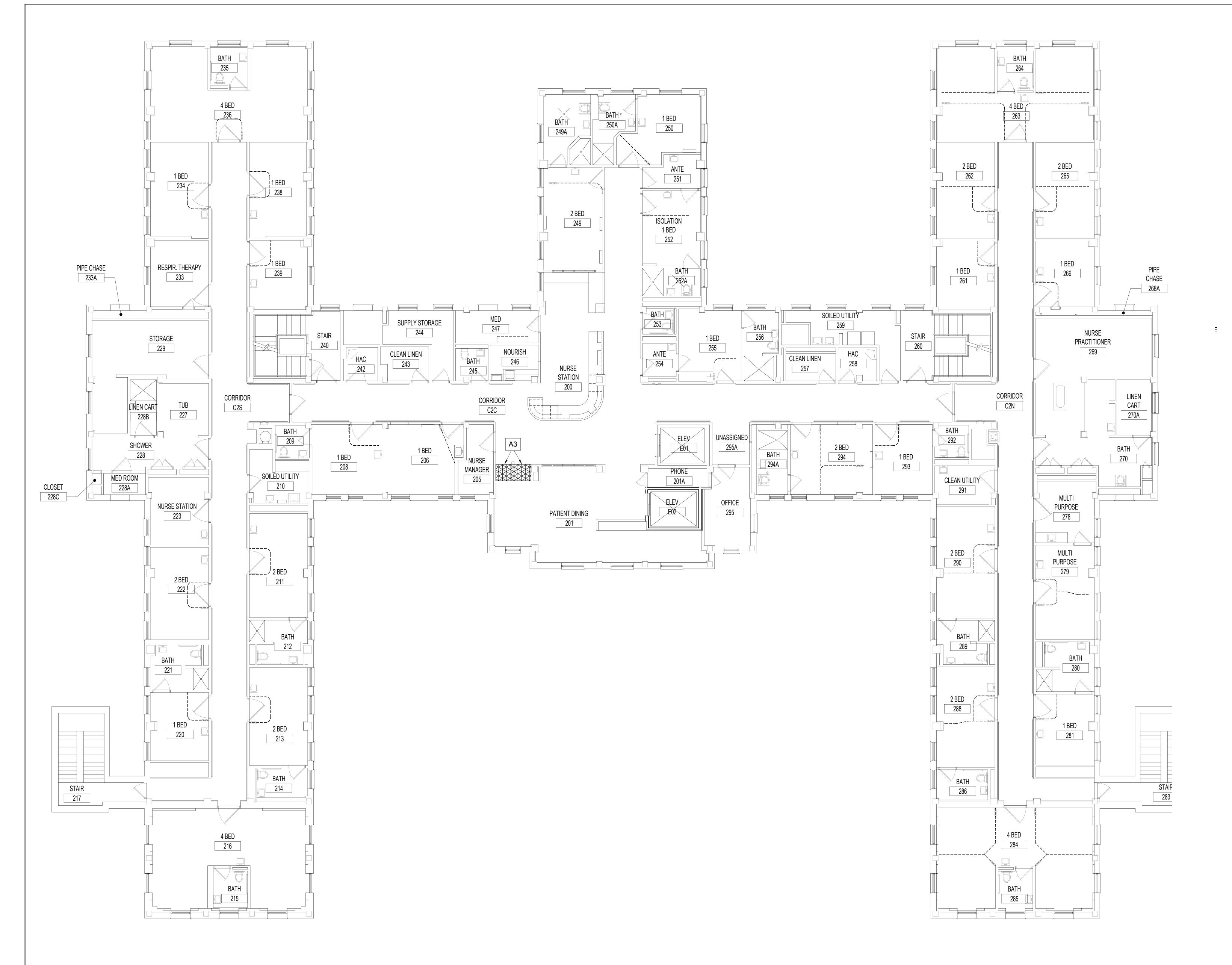
DATE: APPROVED: INFECTION CONTROL NURSE

DATE: APPROVED: SERVICE LINE DIRECTOR









# HAZARDOUS PLAN NOTES

- REFER TO SPECIFICATIONS 028211, 028213.13, 028212.19 AND 028333.13 FOR ASBESTOS AND LEAD-BASED CERAMIC TILE REMOVAL AND ABATEMENT REQUIREMENTS AND PROCEDURES.
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# ASBESTOS ABATEMENT LEGEND

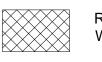


REMOVE ASBESTOS-CONTAINING BLACK MASTIC UNDER NON-ASBESTOS CERAMIC FLOOR TILE AS INDICATED IN THE

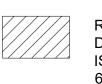


KEYNOTES

REMOVE ASBESTOS-CONTAINING BLACK MASTIC UNDER NON-ASBESTOS FLOOR TILE AS INDICATED IN THE



REMOVE ASBESTOS-CONTAINING FIRE DOOR AS WHOLE COMPONENT AS INDICATED IN THE KEYNOTES



REMOVE VISIBLE ASBESTOS DEBRIS FROM SOIL DIGGING DOWN 6 INCHES AND EXTENDING 12 INCHES WHERE DEBRIS IS FOUND. COVER SOIL WITH REINFORCED, FIRE RETARDANT 6 MIL POLYETHYLENE SHEETING THROUGHOUT INDICATED



REMOVE ASBESTOS-CONTAINING PIPE INSULATION AS INDICATED IN THE KEYNOTES

# LEAD ABATEMENT LEGEND

REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE AS INDICATED IN THE KEYNOTES

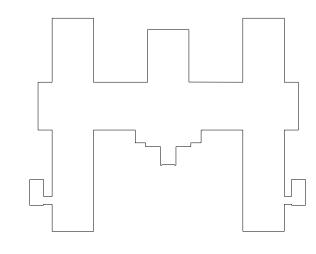
# ABATEMENT GENERAL NOTES

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- 3. THE ABATEMENT WORK SHALL BE CONDUCTED DURING REGULAR BUSINESS HOURS (8:00 AM - 4:30 PM) EXCLUDING FEDERAL HOLIDAYS.
- 4. WORK SCHEDULES AND LIMITS OF ABATEMENT SHALL BE COORDINATED WITH THE VA COR AND VPIH FOR APPROVALS.
- 5. THE ABATEMENT CONTRACTOR SHALL SUBMIT A DETAILED WORK PLAN AND ABATEMENT SCHEDULE WITH THE REQUIRED SUBMITTALS. ANY CHANGES TO THE PROCEDURES, CONTAINMENT LIMITS AND PHASING SHALL BE SUBMITTED TO THE VA COR AND VPIH FOR APPROVALS.
- THE LOCATIONS AND QUANTITIES OF ALL ABATEMENT SHALL BE FIELD VERIFIED BY THE ABATEMENT CONTRACTOR AND THE GENERAL CONTRACTOR. THE LIMITS OF REMOVAL AND EXTENT OF THE CONTAINMENTS SHALL BE VERIFIED WITH THE VA COR AND VPIH. FOR CLARITY, THE DRAWINGS ONLY SHOW REPRESENTATIVE LOCATIONS OF
- 7. ALL LOADOUT PROCEDURES SHALL BE COORDINATED WITH THE VA COR AND VPIH.
- 8. A DECONTAMINATION UNIT IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS SHALL BE REQUIRED FOR EACH CONTAINMENT WITH FLOOR TILE OR MASTIC REMOVAL AND ALSO PIPE INSULATION QUANTITIES GREATER THAN 25 LF. THE LOCATIONS OF ABATEMENT DECONTAMINATION UNITS AND WASTE DISPOSAL CONTAINERS SHALL BE FIELD VERIFIED WITH THE VA COR AND VPIH.

# ASBESTOS/LEAD ABATEMENT KEY NOTES

- CONSTRUCT LOCKABLE, IMPERMEABLE ENCLOSURE AROUND THE PERSONNEL DECONTAMINATION UNIT AND SEPARATE EQUIPMENT/WASTE LOADOUT UNIT.
- A2 REMOVE ASBESTOS-CONTAINING BLACK FLOOR MASTIC BELOW NON-ASBESTOS CONTAINING CERAMIC FLOOR TILE UNDER FULL CONTAINMENT.
- A3 REMOVE ASBESTOS-CONTAINING BLACK FLOOR MASTIC BELOW NON-ASBESTOS CONTAINING 12" FLOOR TILE.
- A4 WHOLE COMPONENT REMOVAL OF ASBESTOS-CONTAINING FIRE DOOR.
- REMOVE ASBESTOS-CONTAINING PIPE INSULATION, UNDER FULL CONTAINMENT, WHICH IS ASSUMED TO BE CONCEALED BEHIND CHASE WALL AT THIS LOCATION. PIPE INSULATION WILL BE EXPOSED AS A RESULT OF WALL DEMOLITION.
- A6 GLOVEBAG REMOVAL OF ASBESTOS-CONTAINING PIPE INSULATION IN WALL PENETRATION.
- A7 REMOVE VISIBLE ASBESTOS DEBRIS FROM SOIL DIGGING DOWN 6 INCHES AND EXTENDING 12 INCHES WHERE DEBRIS IS FOUND. COVER SOIL WITH REINFORCED, FIRE RETARDANT 6 MIL POLYETHYLENE SHEETING THROUGHOUT INDICATED AREA.
- REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE ON INTERIOR
- REMOVE LEAD-CONTAINING GLAZED CERAMIC WALL TILE AND

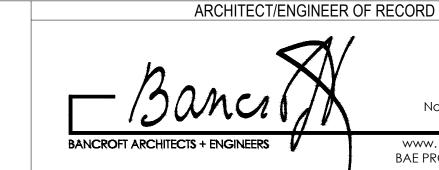
SUBSTRATE ON EXTERIOR WALLS.



# 06/02/2023 - ISSUE FOR BID

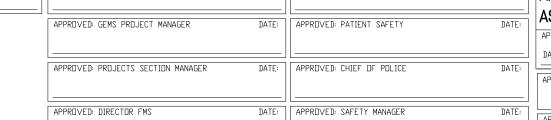
6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE







APPROVED: PROJECT COR



DATE: APPROVED: SERVICE LINE DIRECTOR

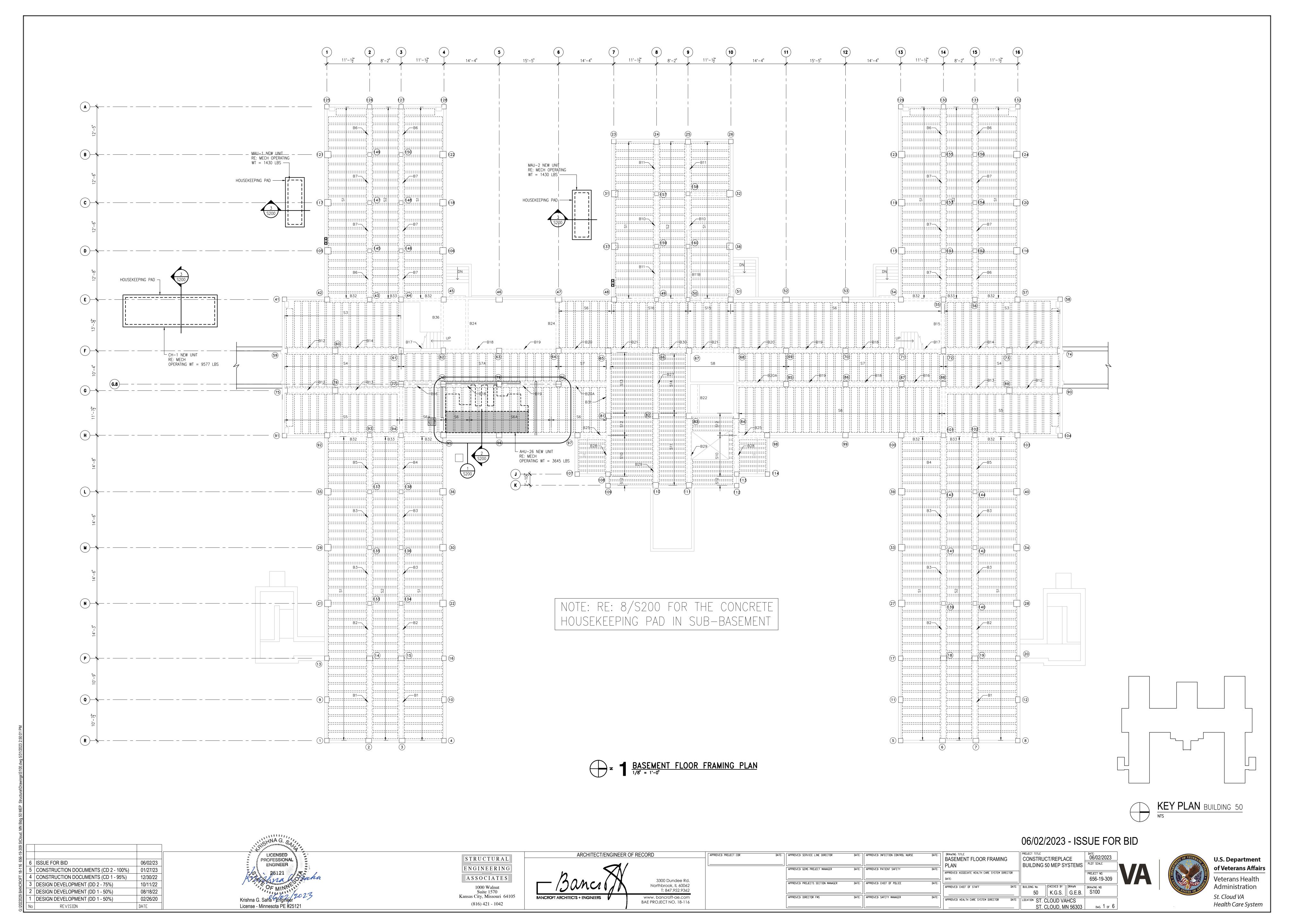
DATE: APPROVED: INFECTION CONTROL NURSE

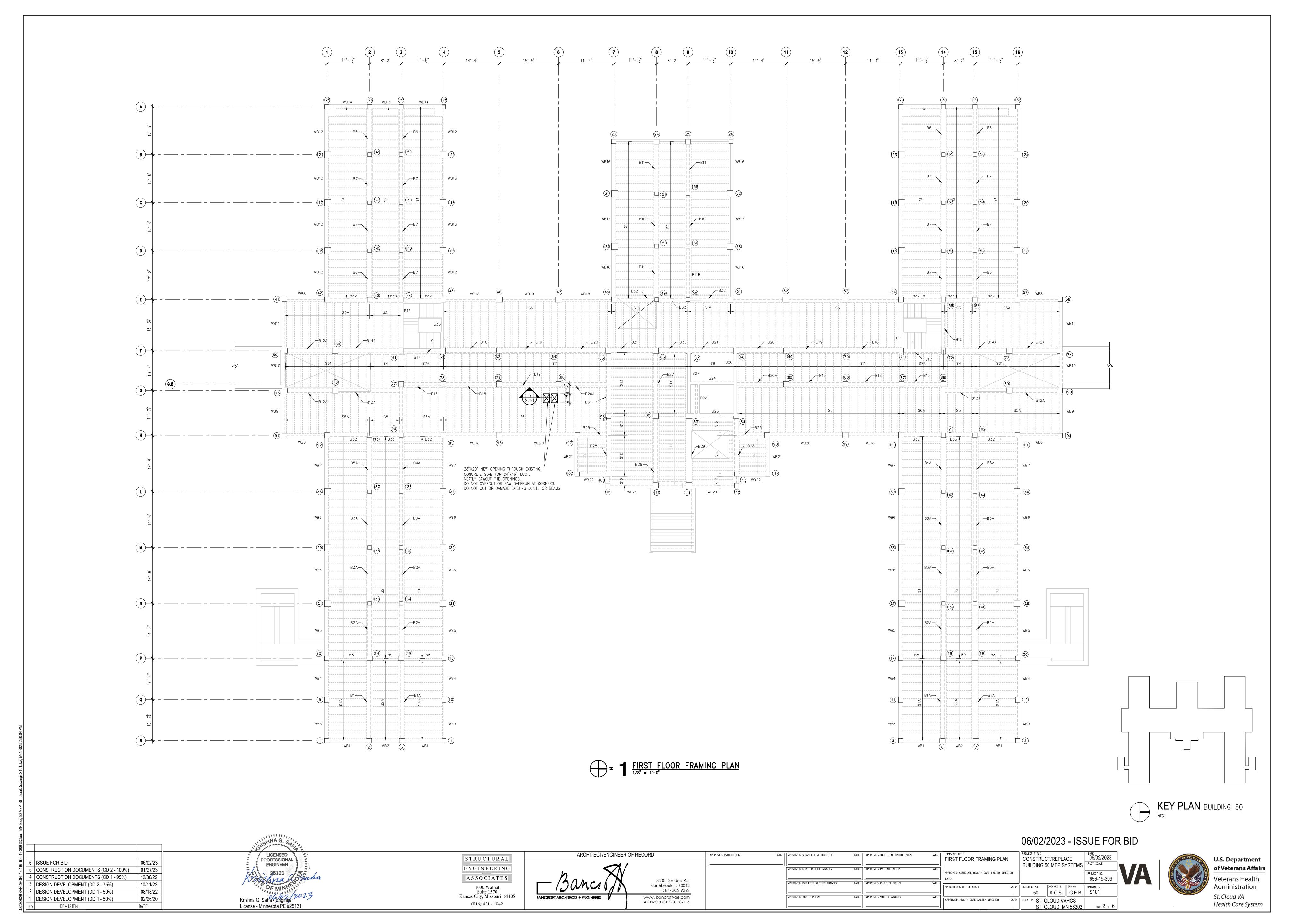
HAZARDOUS MATERIALS PLAN | CONSTRUCT/REPLACE ASBESTOS/LEAD -SECOND FLOOR BUILDING 50 MEP SYSTEMS PLOT SCALE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN DRAWING ND.

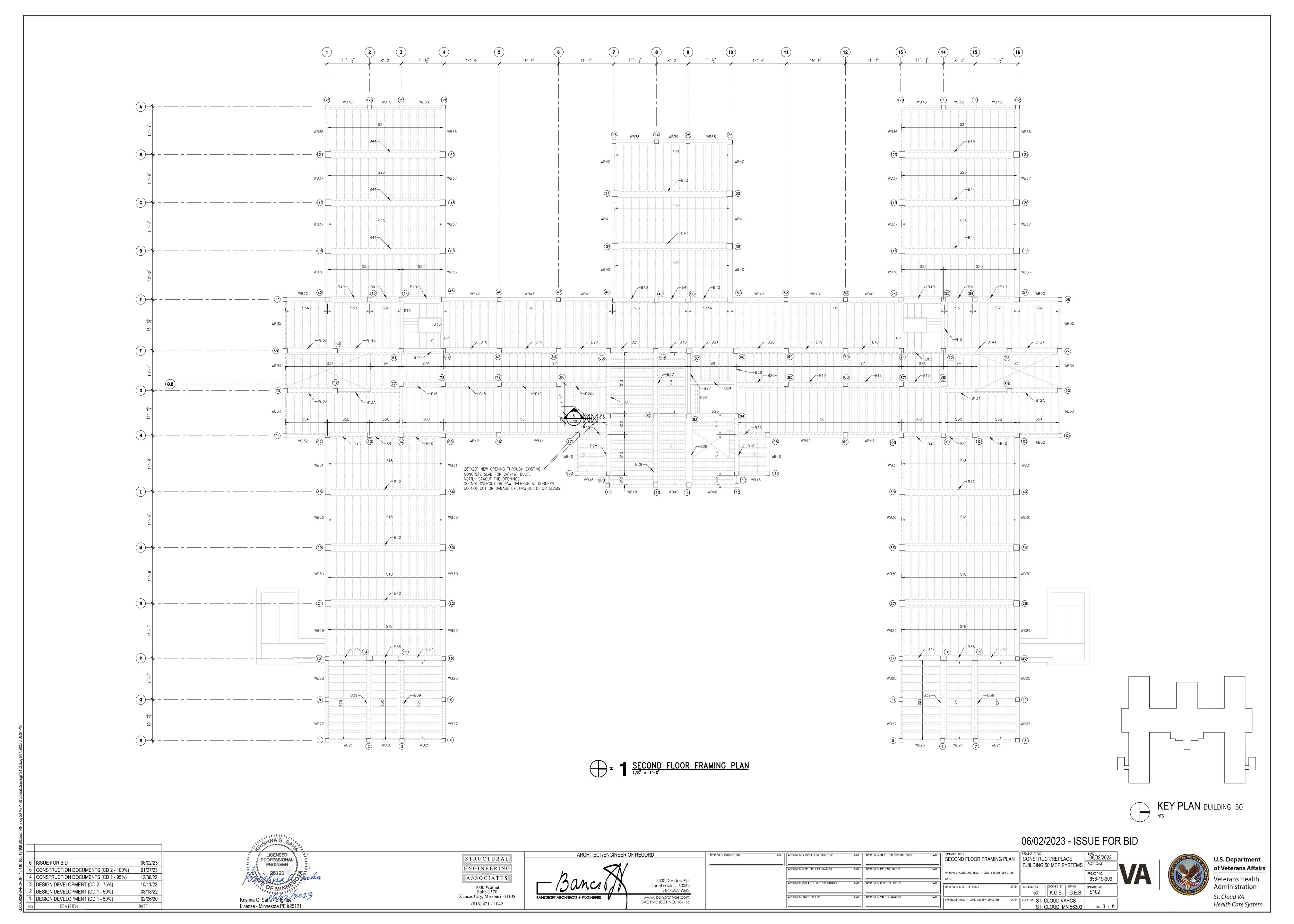
50 BV BV HA10 APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. OF

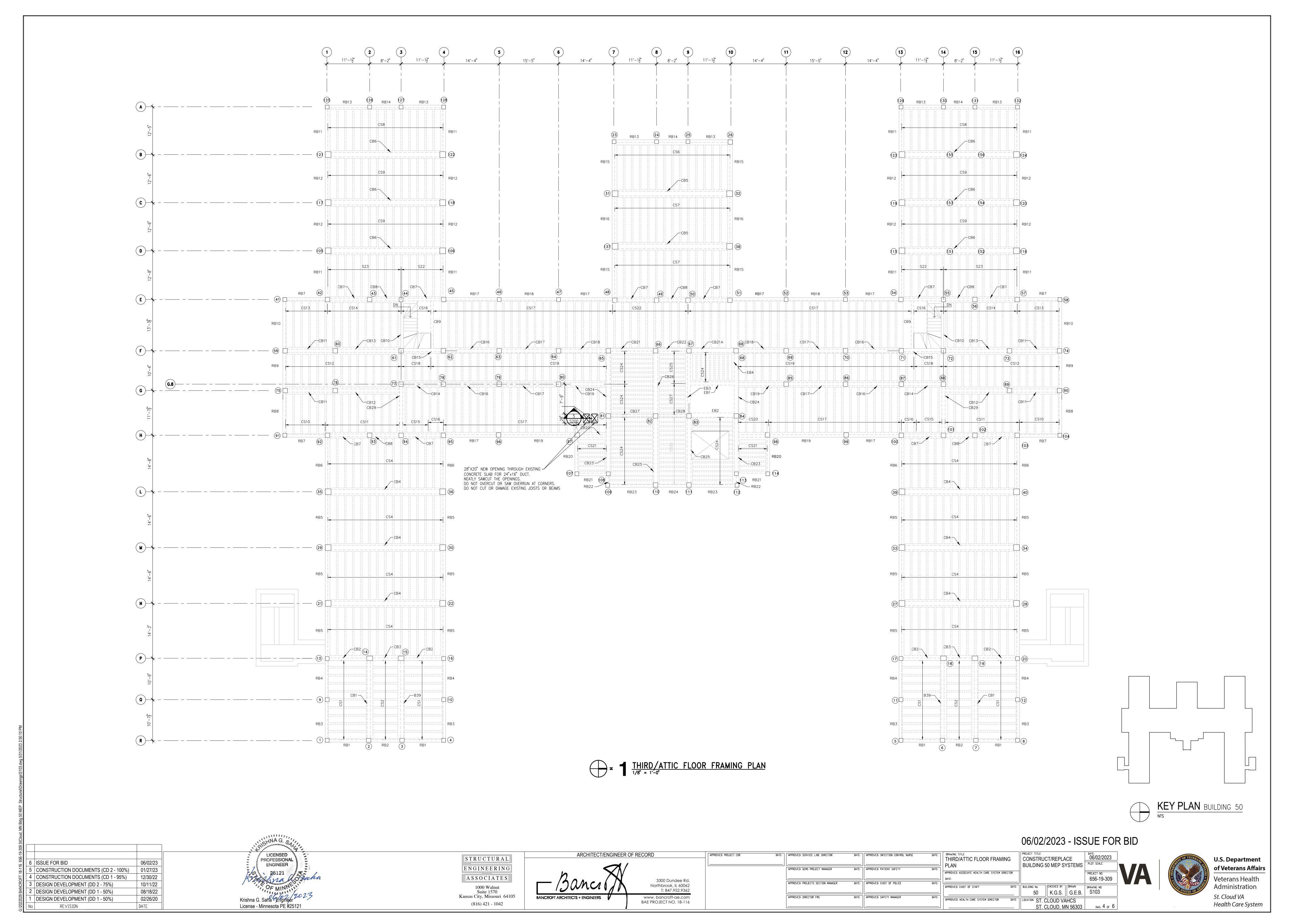


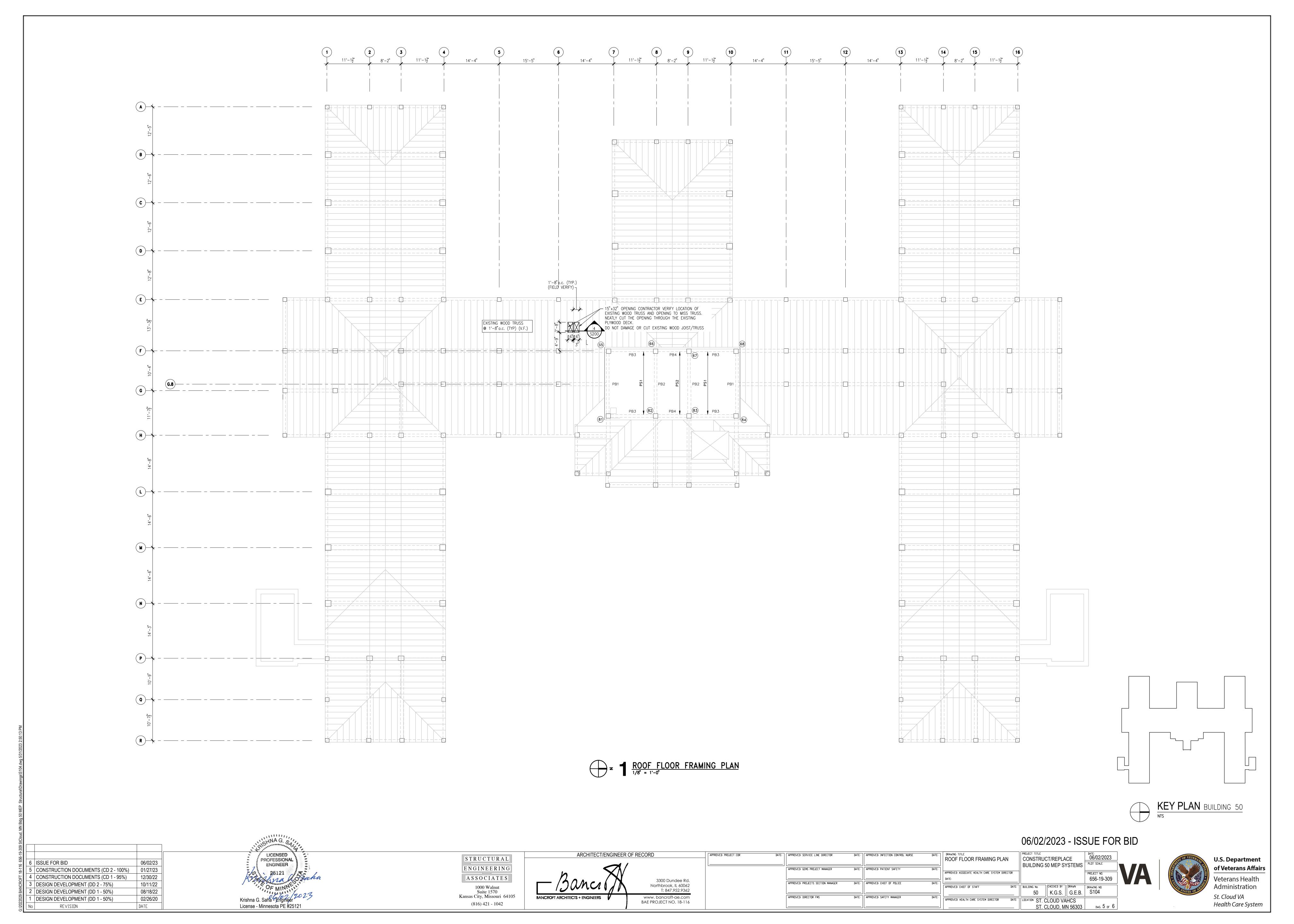


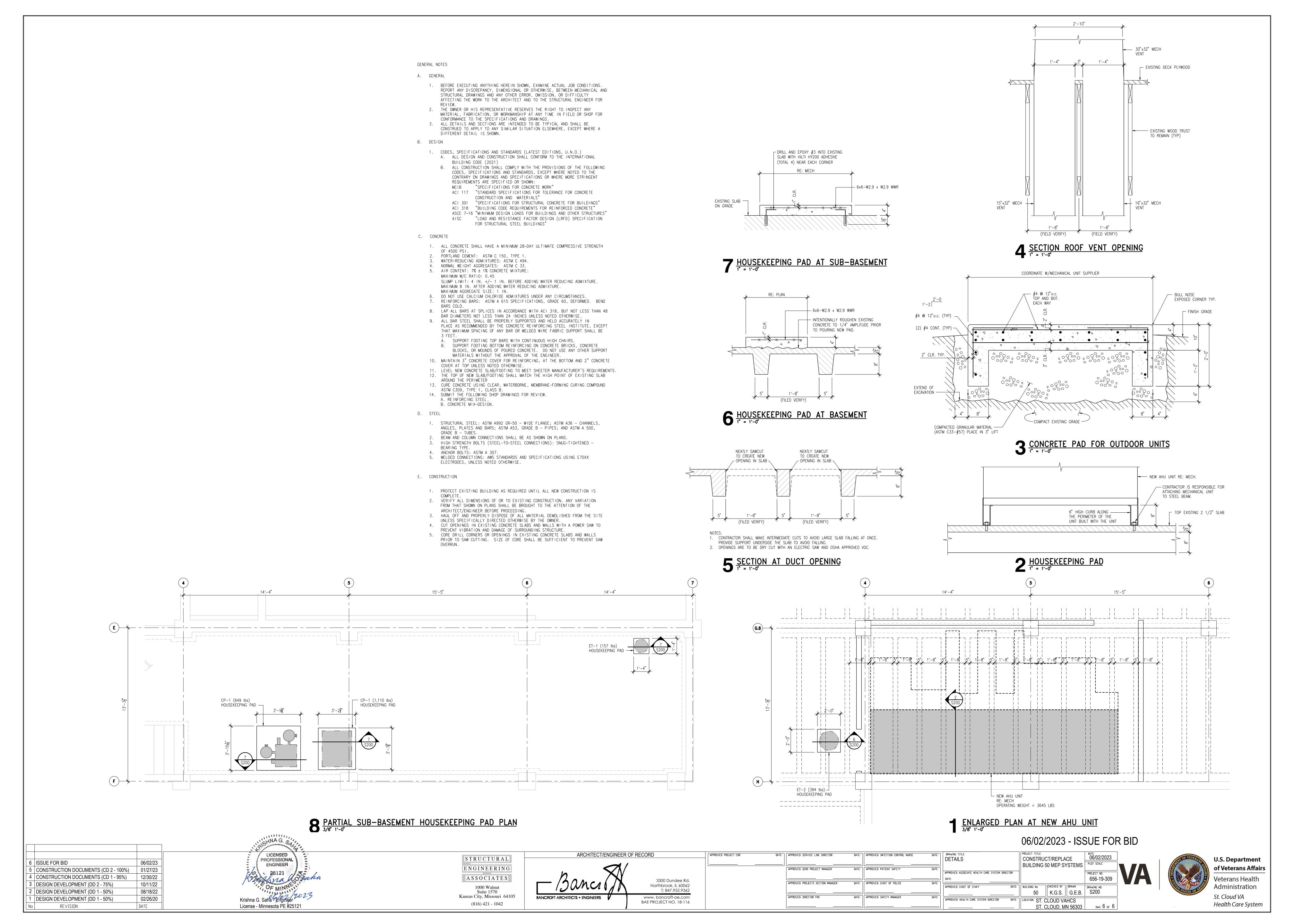


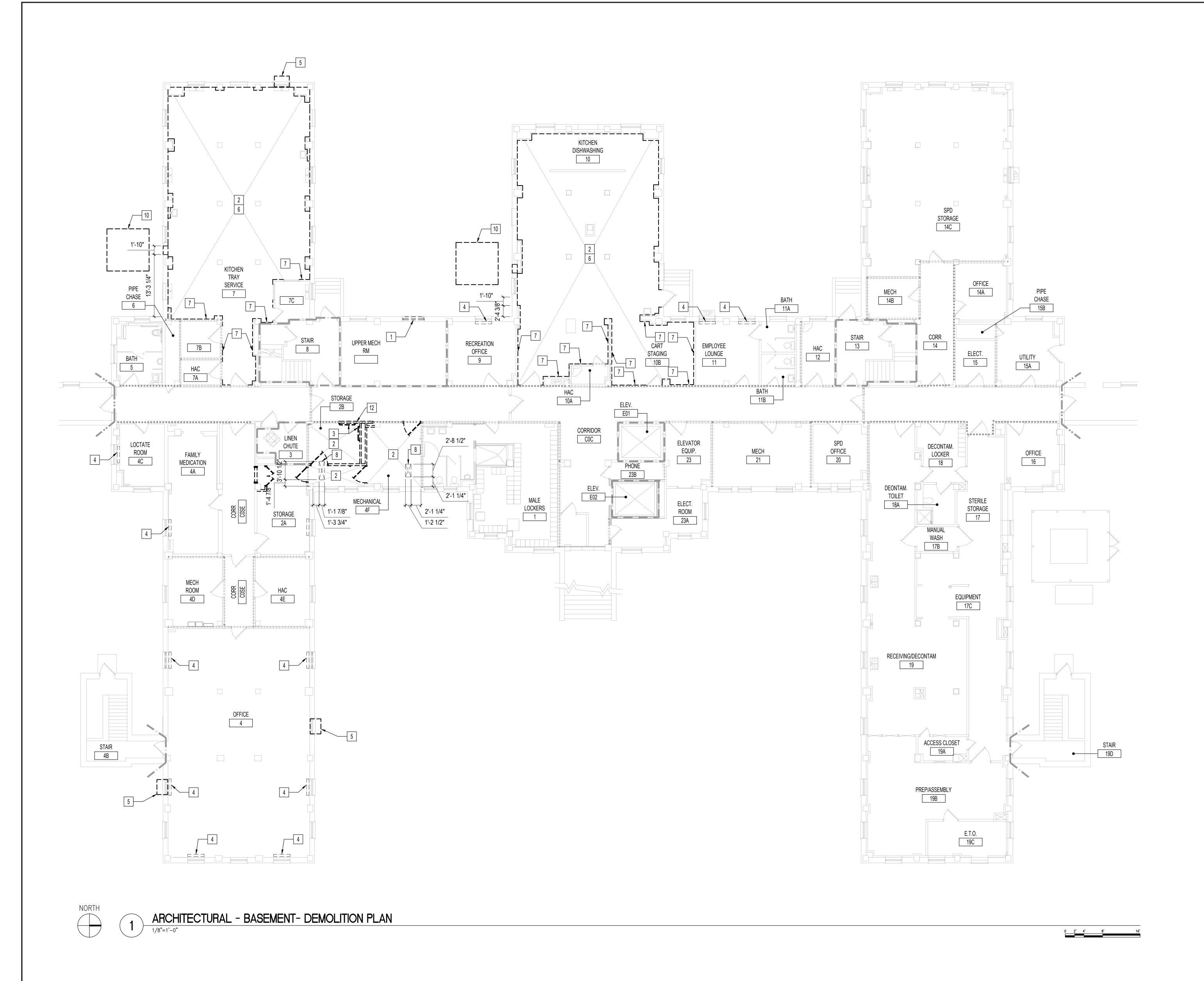












# PLAN DEMOLITION NOTES

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- EQUIPMENT TO BE TEMPORARILY RELOCATED DURING DEMOLITION UNLESS NOTED
- REFER TO GI102 FOR GENERAL DEMOLITION NOTES.

# PLAN DEMOLITION LEGEND

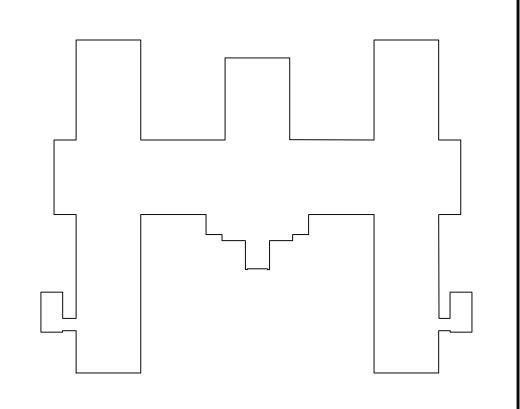
EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED

AREA NOT INCLUDED IN CONTRACT

# PLAN DEMOLITION KEYNOTES

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- REMOVE EXISTING BASEBOARD HEATERS. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
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- REMOVE EXISTING DOOR HARDWARE. PREP EXISTING DOOR AND FRAME FOR INSTALLATION OF NEW HARDWARE.





06/02/2023 - ISSUE FOR BID

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.

Date 6-2-23 License # 56382

06/02/23

12/30/22

10/11/22

08/18/22

02/26/20

DATE

6 ISSUE FOR BID

5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%)

4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%)

3 | DESIGN DEVELOPMENT (DD 2 - 75%)

DESIGN DEVELOPMENT (DD 1 - 50%)

DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

BANCROFT ARCHITECTS + ENGINEERS

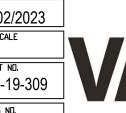
ARCHITECT/ENGINEER OF RECORD

3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

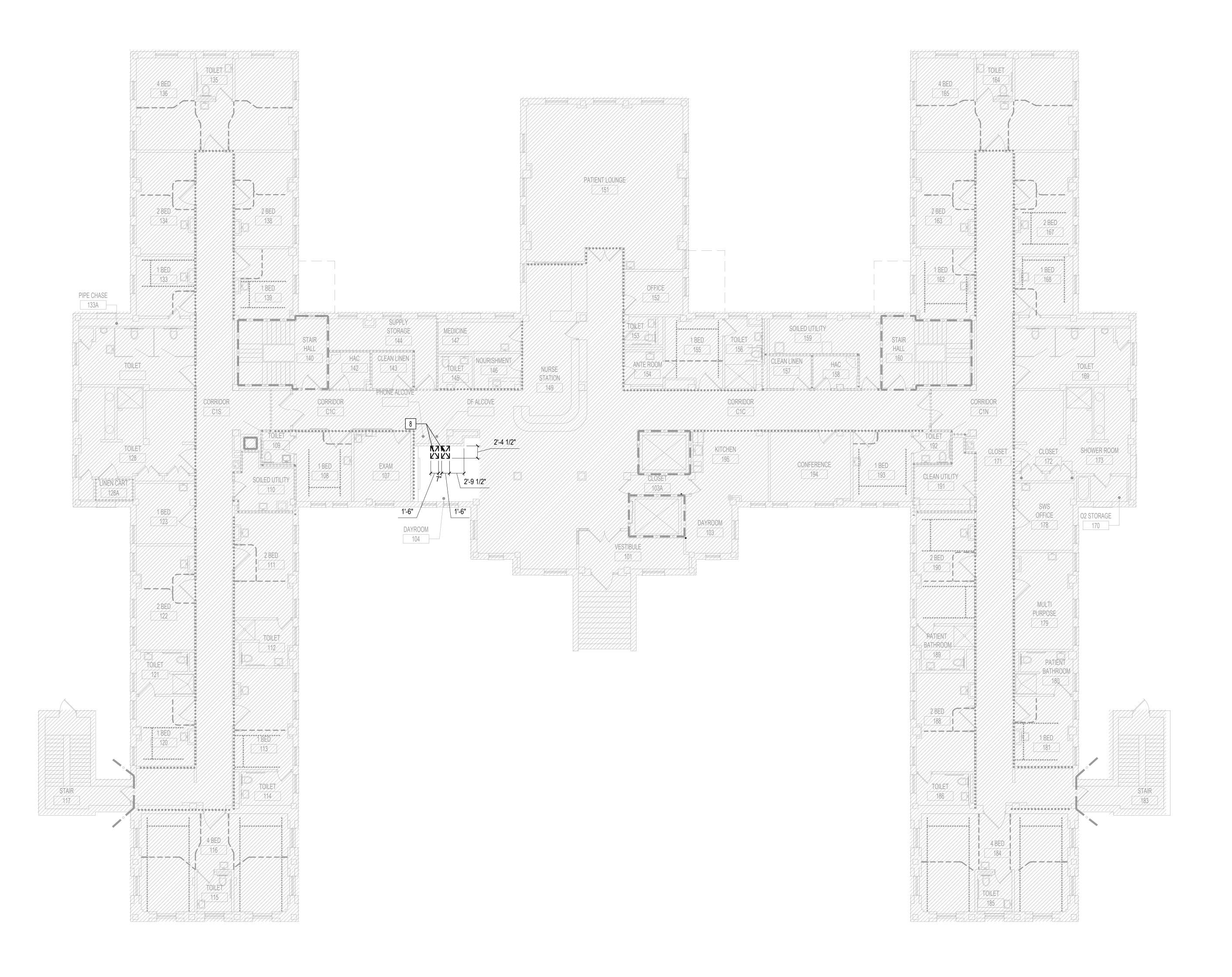
DATE: APPROVED: PATIENT SAFETY APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

DATE: APPROVED: INFECTION CONTROL NURSE

CONSTRUCT/REPLACE ARCHITECTURAL - BASEMENT -BUILDING 50 MEP SYSTEMS PLOT SCALE DEMOLITION PLAN APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 | DA | LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF 







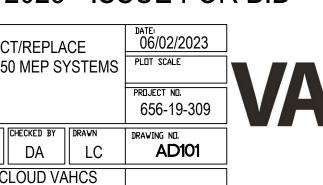
06/02/2023 - ISSUE FOR BID

ARCHITECT/ENGINEER OF RECORD DATE: APPROVED: SERVICE LINE DIRECTOR DATE: APPROVED: INFECTION CONTROL NURSE APPROVED: PROJECT COR I hereby certify that this plan, specification, or 6 ISSUE FOR BID report was prepared by me or under my direct APPROVED: GEMS PROJECT MANAGER DATE: APPROVED: PATIENT SAFETY 5 CONSTRUCTION DOCUMENTS (CD 2 - 100%) supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22 APPROVED: PROJECTS SECTION MANAGER

DATE: APPROVED: CHIEF OF POLICE Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA 3300 Dundee Rd. 10/11/22 3 | DESIGN DEVELOPMENT (DD 2 - 75%) Northbrook, IL 60062 T: 847.952.9362 08/18/22 DESIGN DEVELOPMENT (DD 1 - 50%) 
 APPROVED: DIRECTOR FMS
 DATE:
 APPROVED: SAFETY MANAGER
 www. bancroft-ae.com BANCROFT ARCHITECTS + ENGINEERS 02/26/20 DESIGN DEVELOPMENT (DD 1 - 50%) Date <u>6-2-23</u> License # <u>56382</u> BAE PROJECT NO. 18-116 DATE REVISION

ARCHITECTURAL - FIRST FLOOR - DEMOLITION PLAN

DATE:	DRAWING TITLE	PROJECT TITLE		
	ARCHITECTURAL - FIRST FLOOR -	CONSTRUC	CT/REPLA	CE
DATE:	DEMOLITION PLAN	BUILDING 5	0 MEP S	<b>YSTEMS</b>
Jiii E	APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR			
	DATE:			
DATE:				
	APPROVED: CHIEF OF STAFF DATE:	BUILDING No	CHECKED BY	DRAWN
		50	DA	LC
DATE:	APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:	LOCATION ST. C	LOUD VA	HCS





PLAN DEMOLITION NOTES

REQUIRED DEMOLITION WORK AS WELL AS FOR IDENTIFYING EXISTING PIPING,

EQUIPMENT TO BE TEMPORARILY RELOCATED DURING DEMOLITION UNLESS NOTED

PLAN DEMOLITION LEGEND

EXISTING CONSTRUCTION TO REMAIN

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PLAN DEMOLITION KEYNOTES

REMOVE EXISTING WINDOW. PREP OPENING FOR INSTALLATION OF EXHAUST

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REMOVE EXISTING BASEBOARD HEATERS. SEE MECHANICAL DRAWINGS FOR MORE

REMOVE EXISTING WALL FINISHES, GYPSUM BOARD, INSULATION, AND FURRING IN

INSULATION, AND NEW FINISH. SEE FINISH SCHEDULE FOR MORE INFORMATION.

REMOVE EXISTING WALL FINISH. PREP WALL TO RECEIVE NEW FINISH. SEE FINISH

MECHANICAL DRAWINGS AND STRUCTURAL DRAWINGS FOR MORE INFORMATION.

SAWCUT EXISTING CONCRETE DECK TO ALLOW FOR DUCT PENETRATION. SEE

DEMOLISH PORTION OF ROOF FOR OUTSIDE AIR INTAKE PENETRATION. PREP

REMOVE EXISTING MECHANICAL EQUIPMENT AND CONCRETE PAD. REFER TO

REMOVE PORTION OF EXISTING PARTITION. REMOVE EXISTING HANDRAIL. PREP

OPENING FOR INSTALLATION OF DOOR PER MANUFACTURER'S INSTRUCTIONS.

REMOVE EXISTING DOOR HARDWARE. PREP EXISTING DOOR AND FRAME FOR

OPENING FOR INSTALLATION OF GOOSENECK DUCTWORK AND CURB.

MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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INSTALLATION OF NEW HARDWARE.

THEIR ENTIRETY ON EXTERIOR WALLS. PREP WALL TO RECEIVE FURRING,

NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.

REMOVE EXISTING WALL MOUNTED TOILET ROOM ACCESSORIES.

REMOVE EXISTING WINDOW MOUNTED AIR CONDITIONING UNIT.

SCHEDULE FOR MORE INFORMATION.

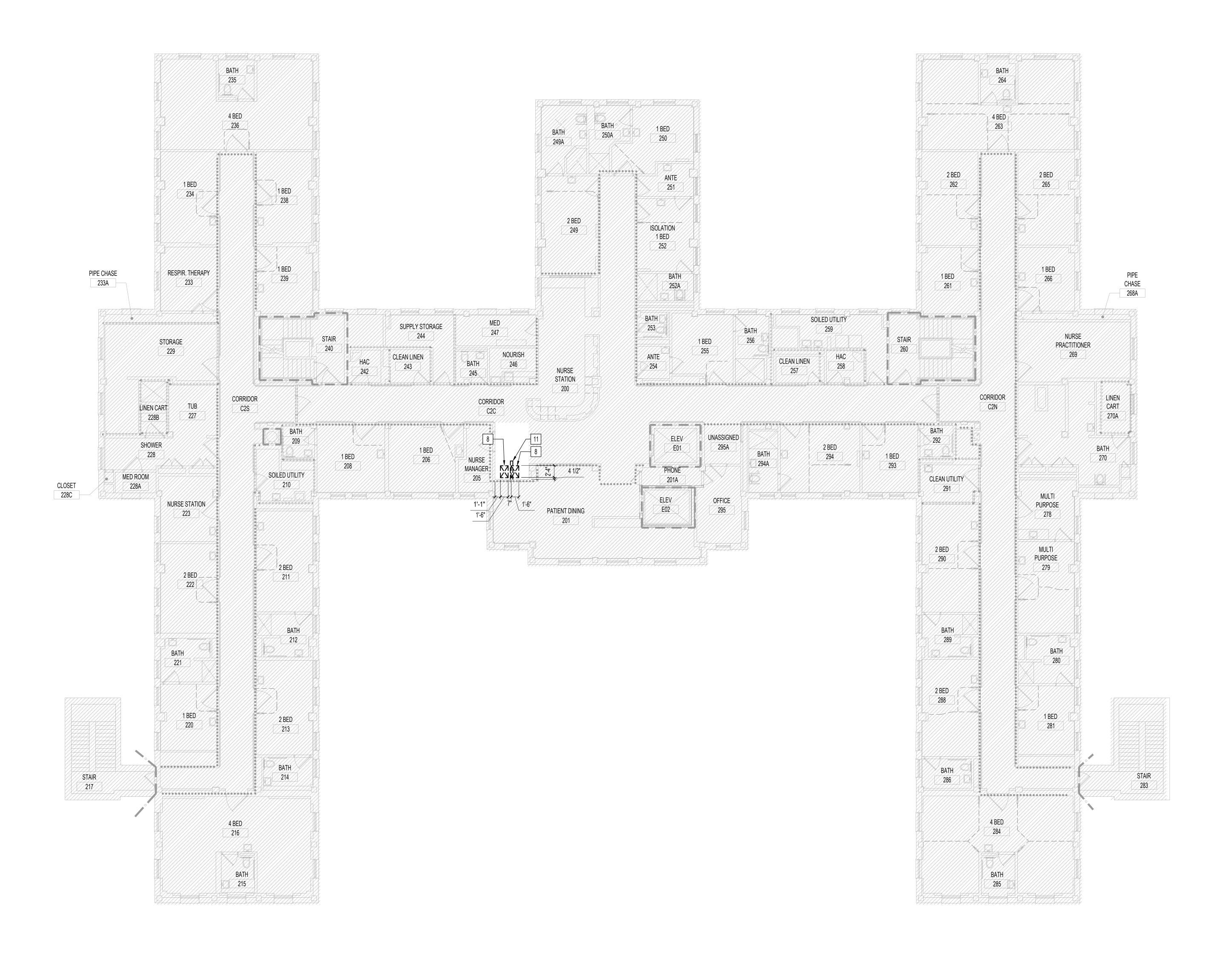
INFORMATION.

EXISTING CONSTRUCTION TO BE REMOVED

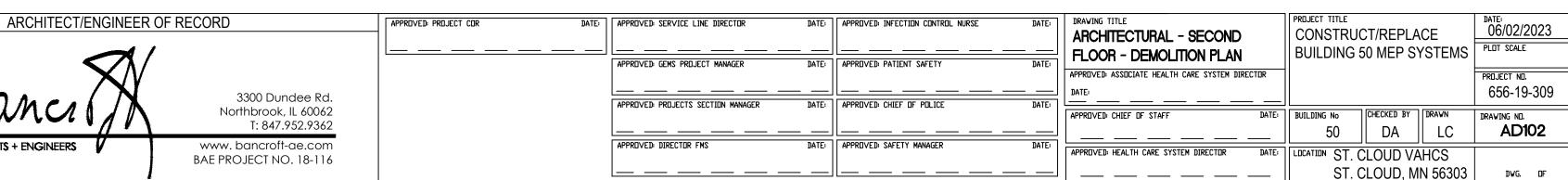
DUCTWORK, CONDUITS AND EQUIPMENT TO REMAIN.

REFER TO GI102 FOR GENERAL DEMOLITION NOTES.

**U.S. Department** of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System



06/02/2023 - ISSUE FOR BID



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6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
_		

02/26/20

DATE

REVISION

DESIGN DEVELOPMENT (DD 1 - 50%)

ARCHITECTURAL - SECOND FLOOR - DEMOLITION PLAN

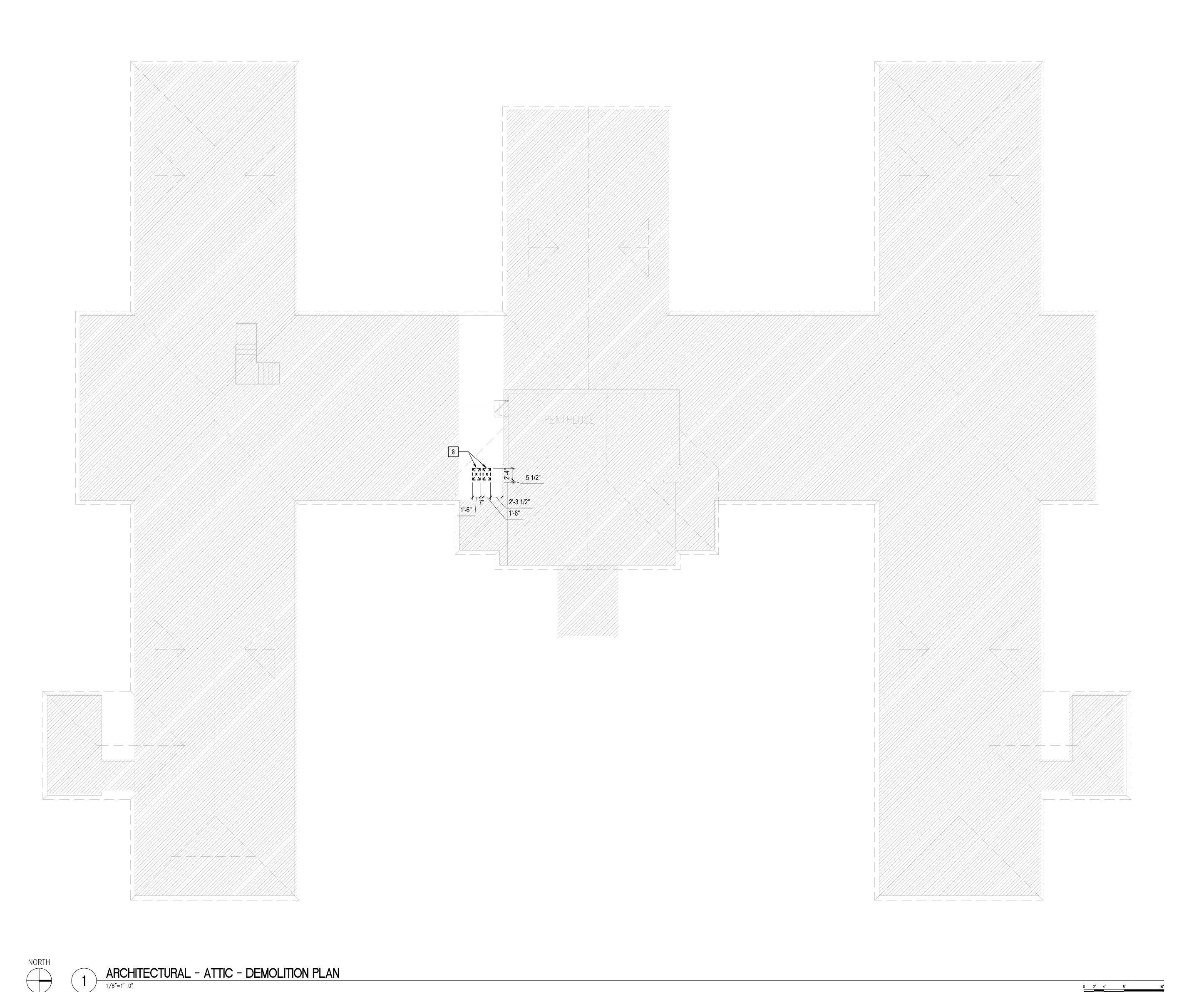
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2-23 License # 56382



			00,02,				
DRAWING TITLE	TURAL - SECOND	,	PROJECT TITLE  CONSTRUC	CT/RFPLA	CF	DATE: 06/02/2	023
FLOOR - DEMOLITION PLAN			BUILDING 5			PLOT SCALE	
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR						PROJECT NO.	
DATE:						656-19-	-309
APPROVED: CHIEF	OF STAFF	DATE:	BUILDING No	CHECKED BY	DRAWN	DRAWING NO.	
			50	DA	LC	AD10	02
APPROVED: HEALT	TH CARE SYSTEM DIRECTOR	DATE:	LOCATION ST. C	CLOUD VA	HCS		
<u> </u>	<del>- — — —</del>		ST. C	CLOUD, M	N 56303	DWG.	OF







			ARCHITECT/ENGINEER C	)F RECORD	APPROVED: PROJECT COR	DATE: APPROVED: SERVICE LINE DIRECTOR	DATE: APPROVED: INFECTION CONTROL NURSE	DATE: DRAWING TITLE		PROJECT TITLE
6 ISSUE FOR BID	06/02/23	I hereby certify that this plan, specification, or enormal report was prepared by me or under my direct	-1					DEMOLITIO	TURAL - ATTIC -	BUILDING
5 CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23	supervision and that I am a duly Licensed Architect	√\/			APPROVED: GEMS PROJECT MANAGER	DATE: APPROVED: PATIENT SAFETY	DATE:	IATE HEALTH CARE SYSTEM DIRECTOR	BOILDING
4 CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22	under the laws of the State of Minnesota.	$n \sim N$	3300 Dundee Rd.		<u> </u>		DATE:		1
3 DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22	Print Name: DENNIS J MIKA	- 1. Duncill	Northbrook, IL 60062		APPROVED: PROJECTS SECTION MANAGER	DATE: APPROVED: CHIEF OF POLICE	DATE: APPROVED: CHIEF O	DF STAFF DATE:	BUILDING No
2 DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22	Signature: W	100	T: 847.952.9362		<u> </u>		<u> </u>		50
1 DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20	Date 6-2-23 License # 56382	BANCROFT ARCHITECTS + ENGINEERS	www. bancroft-ae.com BAE PROJECT NO. 18-116		APPROVED: DIRECTOR FMS	DATE: APPROVED: SAFETY MANAGER	DATE: APPROVED: HEALTH	TH CARE SYSTEM DIRECTOR DATE:	LOCATION ST.
No   REVISION	lnate II		1	<i>5,</i> (21 (C323) 1(C. 10 110		<u> </u>				TP T

REVISION

PLAN DEMOLITION NOTES

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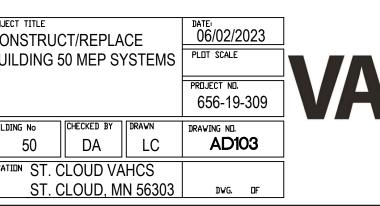
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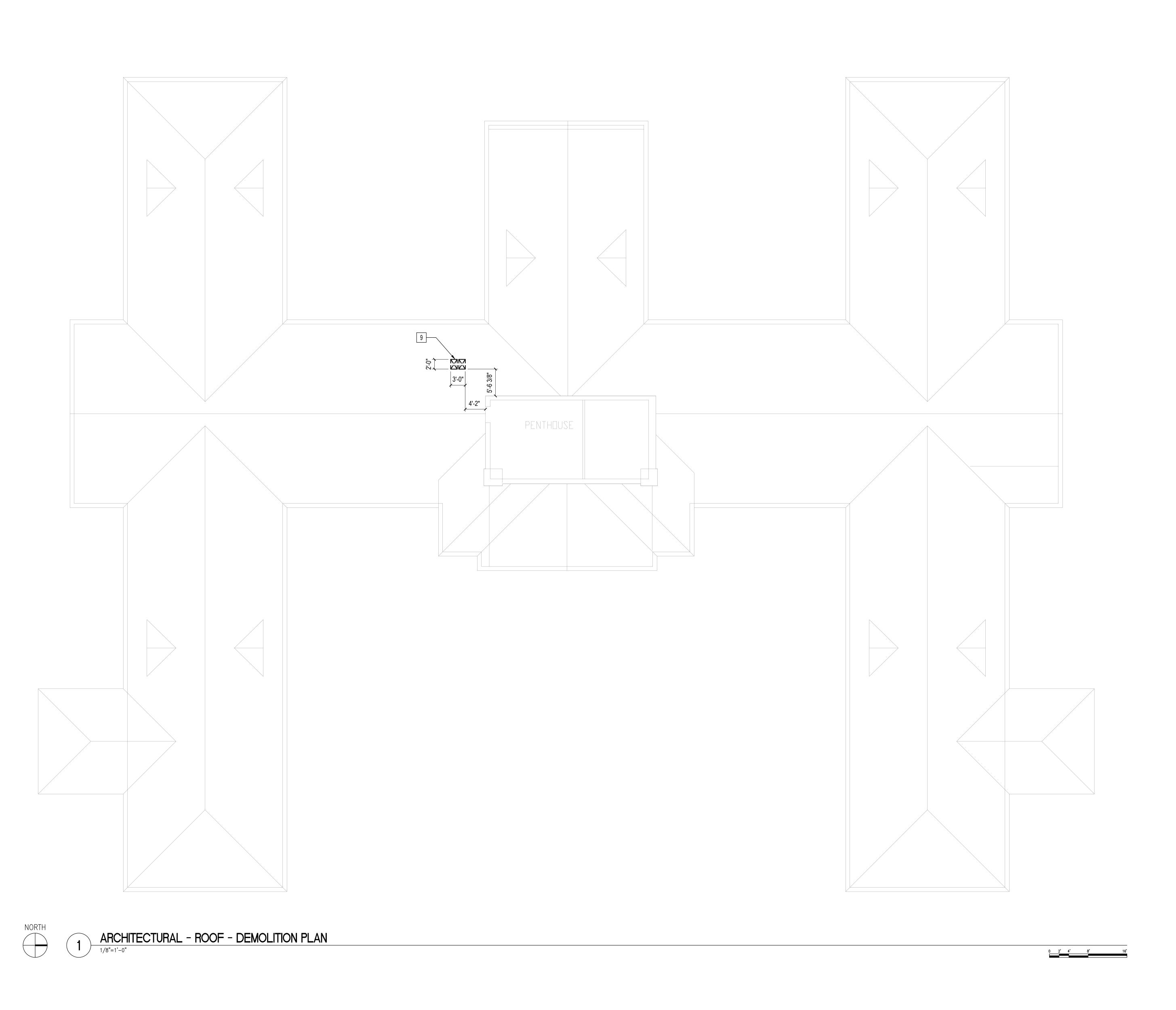
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06/02/2023 - ISSUE FOR BID







REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS FOR REQUIRED DEMOLITION WORK AS WELL AS FOR IDENTIFYING EXISTING PIPING, DUCTWORK, CONDUITS AND EQUIPMENT TO REMAIN.

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06/02/2023 - ISSUE FOR BID

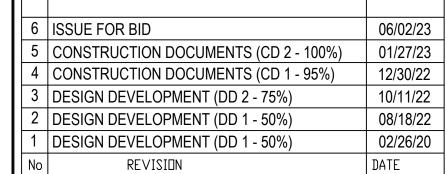
ST. CLOUD, MN 56303

PROJECT TITLE
CONSTRUCT/REPLACE
BUILDING 50 MEP SYSTEMS

DATE:
06/02/202'
PLOT SCALE ARCHITECTURAL - ROOF -DEMOLITION PLAN APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING NO CHECKED BY DRAWN 50 | DA | LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS







I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA Date 6-2:23 License # 56382

BANCROFT ARCHITECTS + ENGINEERS

ARCHITECT/ENGINEER OF RECORD

3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www.bancroft-ae.com BAE PROJECT NO. 18-116

APPROVED: PROJECTS SECTION MANAGER

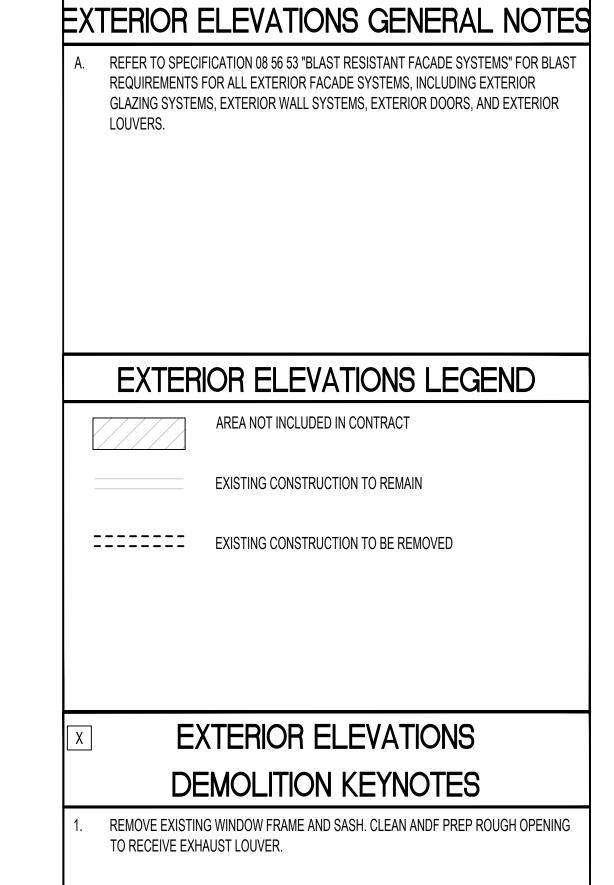
DATE: APPROVED: CHIEF OF POLICE

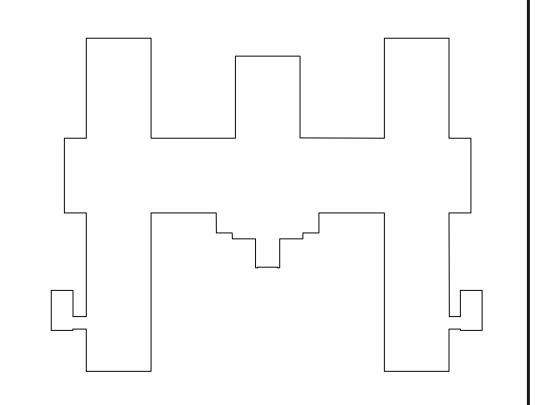
APPROVED: PROJECT COR

DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE

DATE: APPROVED: SAFETY MANAGER









06/02/2023 - ISSUE FOR BID

re <b>p</b> ort was supervisio	ertify that this plan, specification, or sprepared by me or under my direct and that I am a duly Licensed Architect laws of the State of Minnesota.
Print Nam	e: DENNIS J MIKA
Signature	Dun- Ucl
<i>وع</i> Date	2:23 License # 56382

06/02/23

12/30/22

10/11/22

08/18/22

02/26/20

DATE

6 ISSUE FOR BID

5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%) 4 CONSTRUCTION DOCUMENTS (CD 1 - 95%)

3 DESIGN DEVELOPMENT (DD 2 - 75%)

DESIGN DEVELOPMENT (DD 1 - 50%)

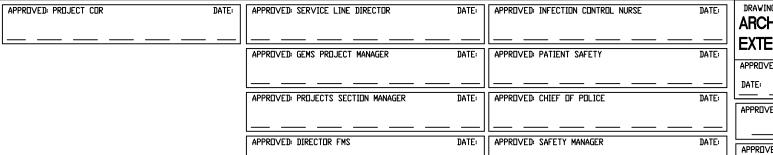
DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

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www. bancroft-ae.com BAE PROJECT NO. 18-116	

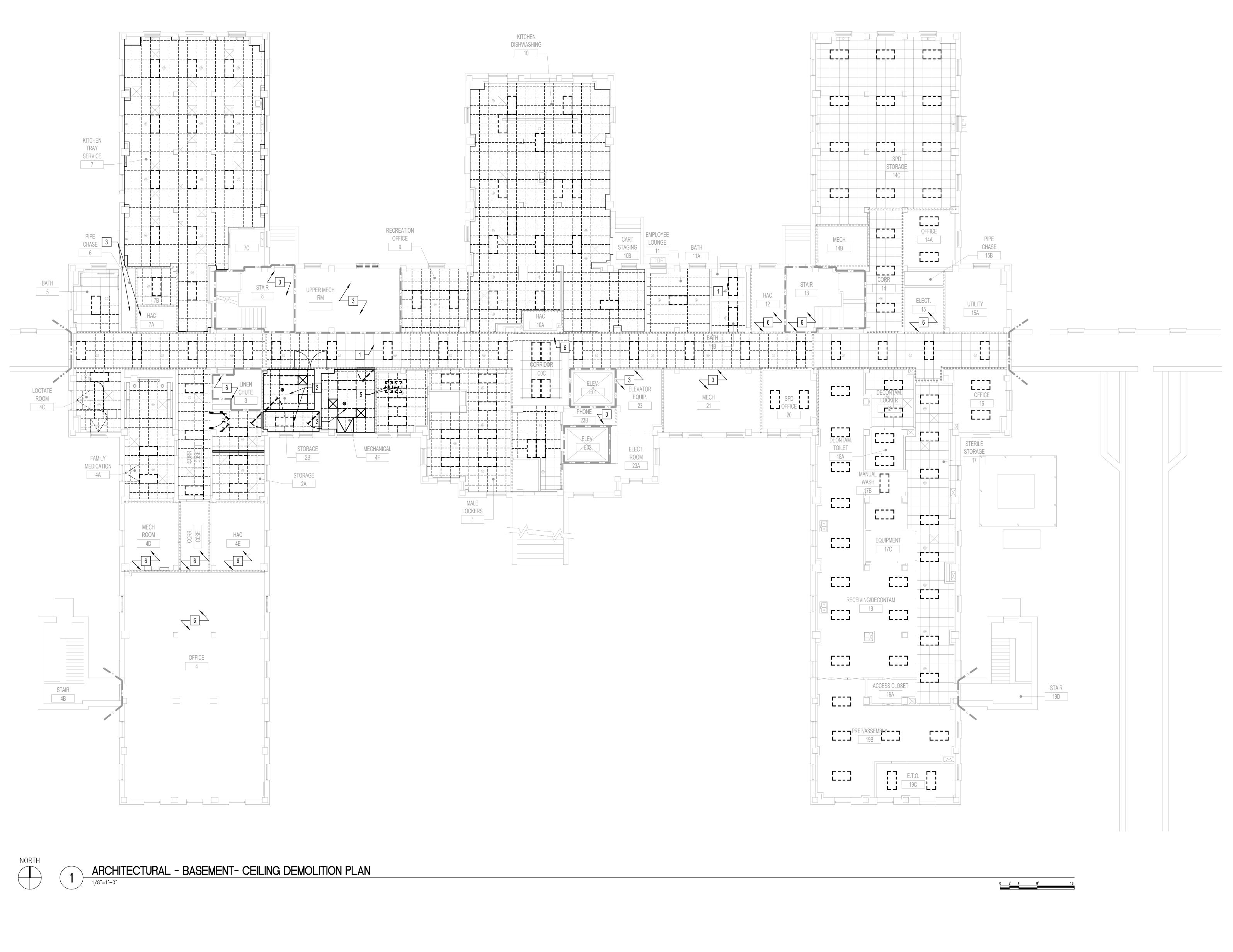
APPROVED: PROJECT COR



TITLE  INTECTURAL - DEMOLITION  RIOR ELEVATION - WEST	PRIJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS  DATE: 06/02/2023 PLIT SCALE	
D: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	PRILJECT ND. 656-19-309	
D. CHIEF DF STAFF DATE:	BUILDING NO DA DRAWING NO.  50 DA LC AD201	
DI HEALTH CARE SYSTEM DIRECTOR DATE:	ST. CLOUD VAHCS ST. CLOUD, MN 56303	







CEILING PLAN DEMOLITION NOTES

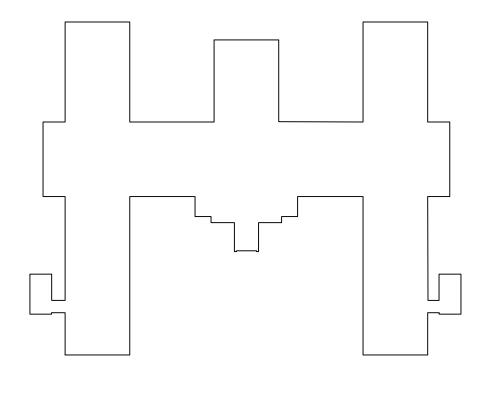
REFER TO SHEET GI102 FOR GENERAL DEMOLITION NOTES.

# CEILING PLAN DEMOLITION LEGEND

- +---+ SUSPENDED ACOUSTIC CEILING TILE, GRID AND HANGERS TO BE +---+ REMOVED
- 2' X 4' LIGHT FIXTURE TO BE REMOVED.
  REFER TO ELECTRICAL DRAWINGS.
- 2' X 2' LIGHT FIXTURE TO BE REMOVED.
  REFER TO ELECTRICAL DRAWINGS.
- SURFACE MOUNTED LIGHT FIXTURE TO BE REMOVED. REFER TO ELECTRICAL DRAWINGS.
- DIFFUSER TO BE REMOVED AND REPLACED.
  REFER TO MECHANICAL DRAWINGS.
- SPEAKER TO BE REMOVED. REFER TO ELECTRICAL DRAWINGS.
- EXISTING SPRINKLER HEAD TO BE REPLACED. REFER TO FIRE
- PROTECTION DRAWINGS.
- AREA NOT INCLUDED IN CONTRACT

# CEILING PLAN DEMOLITION KEYNOTES

- X NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.
- CEILING ACCESSORIES. EXISTING SPRINKLER HEADS TO REMAIN
- EXISTING ROOM CONTAINS NO CEILING.
- WORK. REINSTALL TILES AND GRID WHEN MECHANICAL WORK IS COMPLETE.
- LOCATION OF DUCT PENETRATION TO FLOOR ABOVE.



KEY PLAN BUILDING 50

# 06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20

REVISION

DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date <u>6-2-23</u> License # 56382

BANCROFT ARCHITECTS + ENGINEERS

ARCHITECT/ENGINEER OF RECORD

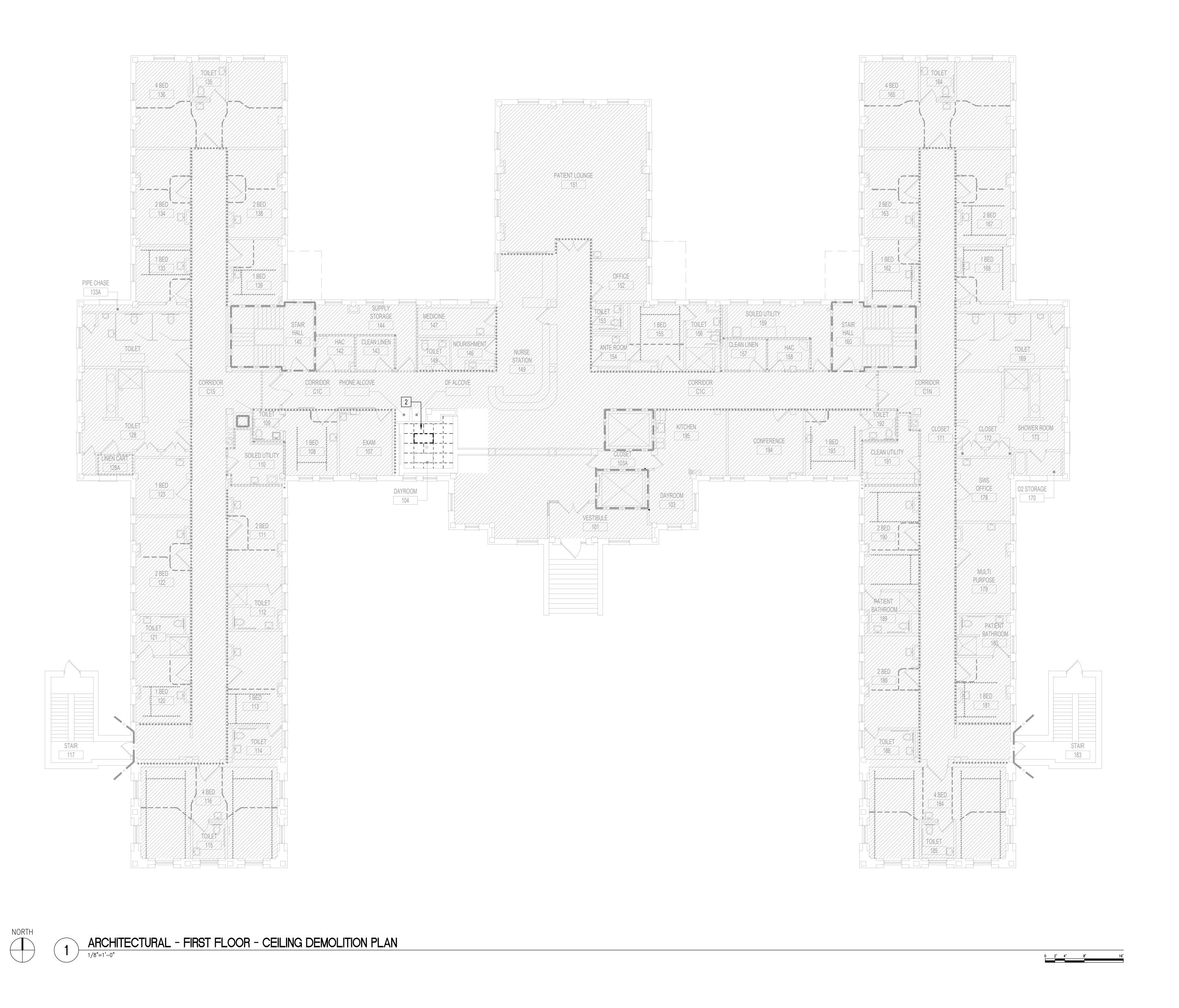
3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

DATE: APPROVED: INFECTION CONTROL NURSE APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

ARCHITECTURAL - BASEMENT - | CONSTRUCT/REPLACE REFLECTED CEILING DEMO PLAN | BUILDING 50 MEP SYSTEMS | PLOT SCALE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 || DA || LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF 







# CEILING PLAN DEMOLITION NOTES

REFER TO SHEET GI102 FOR GENERAL DEMOLITION NOTES.

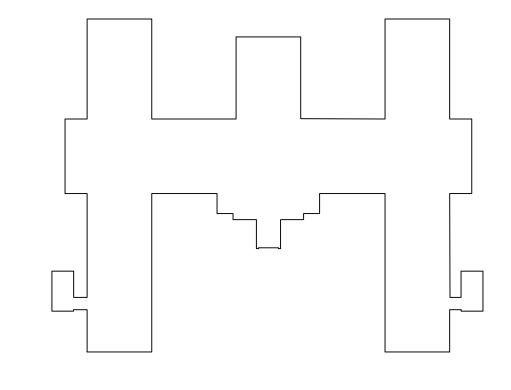
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- 2' X 2' LIGHT FIXTURE TO BE REMOVED.
  REFER TO ELECTRICAL DRAWINGS.
- SURFACE MOUNTED LIGHT FIXTURE TO BE REMOVED. REFER TO ELECTRICAL DRAWINGS.
- DIFFUSER TO BE REMOVED AND REPLACED.
  REFER TO MECHANICAL DRAWINGS.
- SPEAKER TO BE REMOVED.
  REFER TO ELECTRICAL DRAWINGS.
- EXISTING SPRINKLER HEAD TO BE REPLACED. REFER TO FIRE PROTECTION DRAWINGS.
- AREA NOT INCLUDED IN CONTRACT

# CEILING PLAN DEMOLITION KEYNOTES

# X NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.

- REMOVE EXISTING ACOUSTIC TILE CEILING, GRID, LIGHTING, AND ALL ASSOCIATED CEILING ACCESSORIES. EXISTING SPRINKLER HEADS TO REMAIN.
- EXISTING ROOM CONTAINS NO CEILING.
- REMOVE AND STORE CEILING TILES AS NECESSARY TO COMPLETE MECHANICAL WORK. REINSTALL TILES AND GRID WHEN MECHANICAL WORK IS COMPLETE. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING
- LOCATION OF DUCT PENETRATION TO FLOOR ABOVE.
- INSTALLATION OF MECHANICAL PIPING. PREP SURFACE FOR PATCHING AND





# 06/02/2023 - ISSUE FOR BID

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	6	ISSUE FOR BID	06/02/23
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1			†

DATE

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BANCROFT ARCHITECTS + ENGINEERS

ARCHITECT/ENGINEER OF RECORD

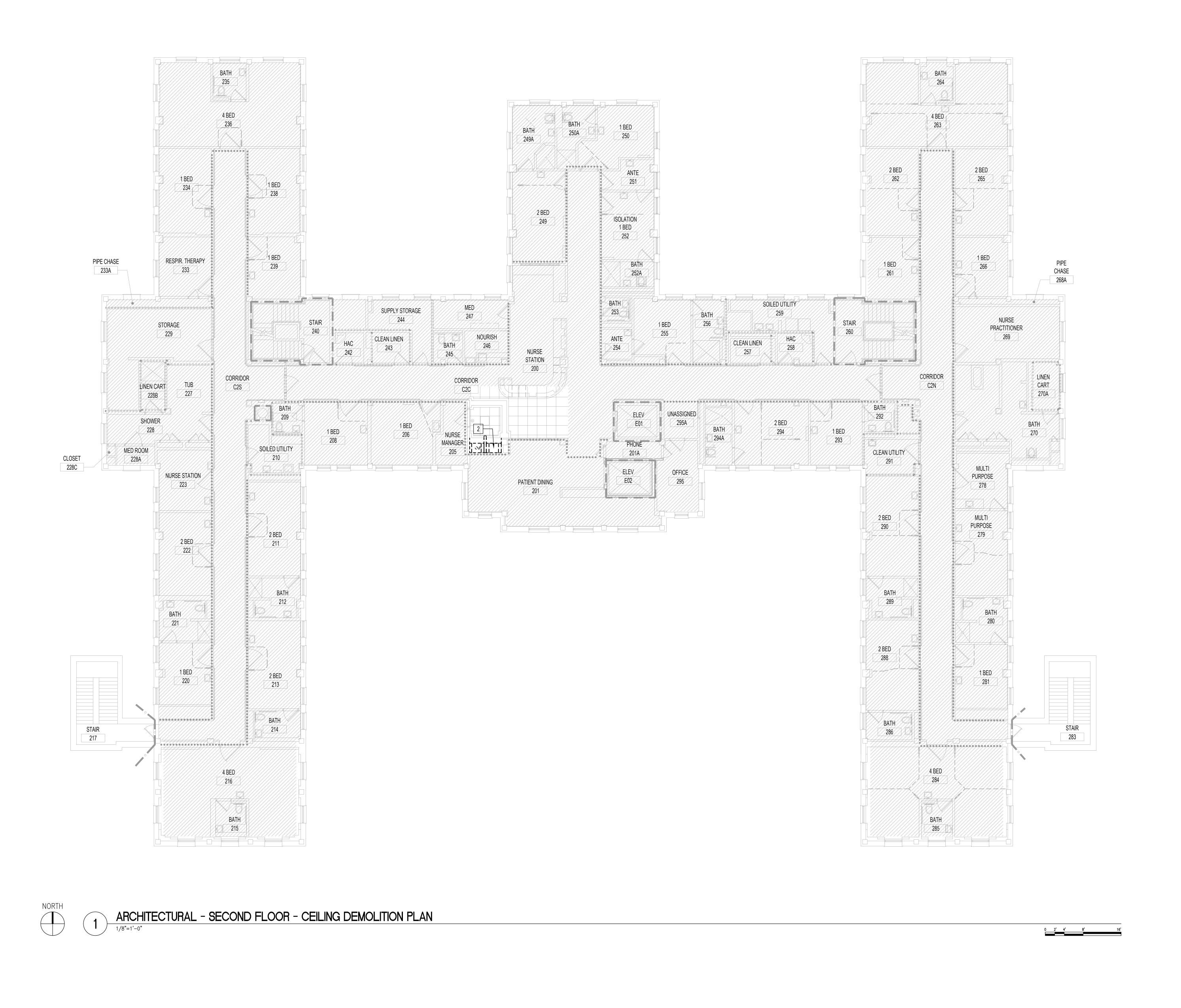
3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

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ARCHITECTURAL - FIRST FLOOR - CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS PLOT SCALE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 || DA || LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF 







CEILING PLAN DEMOLITION NOTES

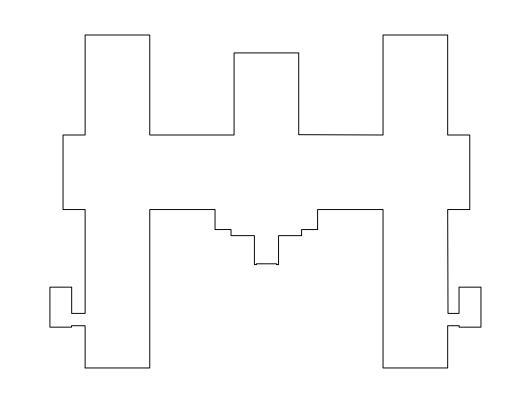
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- 2' X 2' LIGHT FIXTURE TO BE REMOVED.
  REFER TO ELECTRICAL DRAWINGS.
- SURFACE MOUNTED LIGHT FIXTURE TO BE REMOVED. REFER TO ELECTRICAL DRAWINGS.
- DIFFUSER TO BE REMOVED AND REPLACED.
  REFER TO MECHANICAL DRAWINGS.
- SPEAKER TO BE REMOVED.
  REFER TO ELECTRICAL DRAWINGS.
- EXISTING SPRINKLER HEAD TO BE REPLACED. REFER TO FIRE PROTECTION DRAWINGS.
- AREA NOT INCLUDED IN CONTRACT

# CEILING PLAN DEMOLITION KEYNOTES

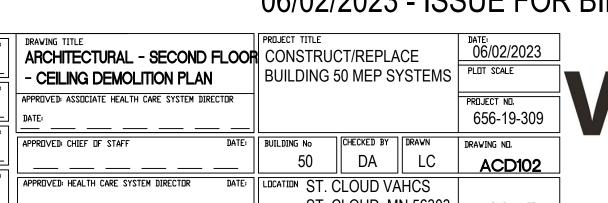
- X NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.
- EXISTING CEILING, ACCESSORIES, AND SPRINKLER HEAD/S TO REMAIN.
- REMOVE EXISTING ACOUSTIC TILE CEILING, GRID, LIGHTING, AND ALL ASSOCIATED CEILING ACCESSORIES. EXISTING SPRINKLER HEADS TO REMAIN.
- EXISTING ROOM CONTAINS NO CEILING.
- REMOVE AND STORE CEILING TILES AS NECESSARY TO COMPLETE MECHANICAL WORK. REINSTALL TILES AND GRID WHEN MECHANICAL WORK IS COMPLETE. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING
- LOCATION OF DUCT PENETRATION TO FLOOR ABOVE.
- REMOVE EXISTING GYPSUM BOARD SOFFIT AS NECESSARY TO ALLOW FOR INSTALLATION OF MECHANICAL PIPING. PREP SURFACE FOR PATCHING AND REFINISHING.





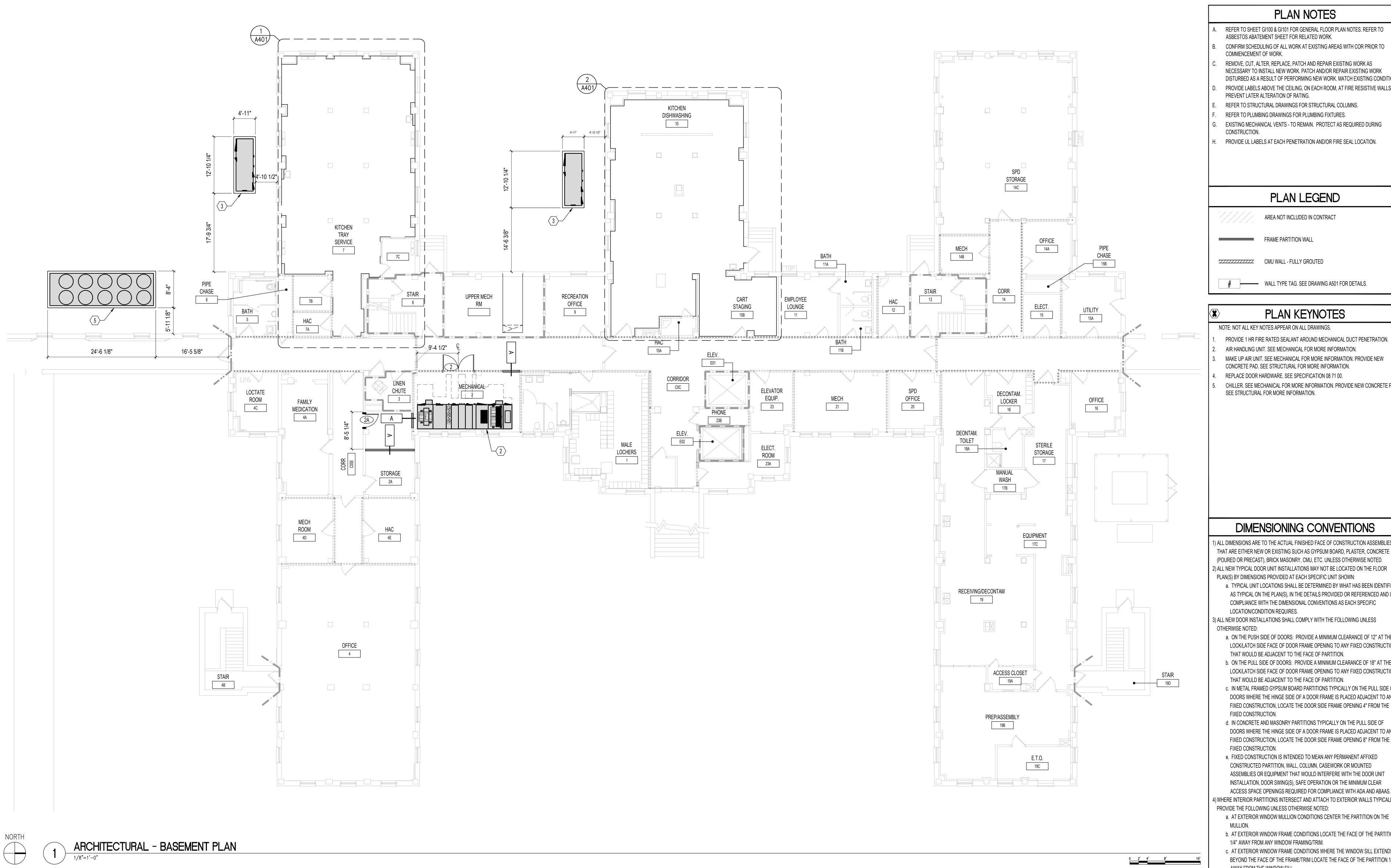
# 06/02/2023 - ISSUE FOR BID

		ARCHITECT/ENGINEER OF RECORD	APPROVED: PROJECT COR	DATE: APPROVED: SERVICE LINE DIRECTOR	DATE: APPROVED: INFECTION CONTROL NURSE	DATE: DRAWING TITLE
6 ISSUE FOR BID 06/02	02/23 I hereby certify that this plan, specification, or report was prepared by me or under my direct					ARCHITECTURAL - CEILING DEMOL
5 CONSTRUCTION DOCUMENTS (CD 2 - 100%) 01/27	27/23 supervision and that I am a duly Licensed Arch			APPROVED: GEMS PROJECT MANAGER	DATE: APPROVED: PATIENT SAFETY	DATE: APPROVED: ASSOCIATE HEALTH
4 CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30		3300 Dundee Rd.				DATE:
3 DESIGN DEVELOPMENT (DD 2 - 75%) 10/11		Northbrook, IL 60062		APPROVED: PROJECTS SECTION MANAGER	DATE: APPROVED: CHIEF OF POLICE	DATE: APPROVED: CHIEF OF STAFF
2 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18	·	T: 847.952.9362				
1 DESIGN DEVELOPMENT (DD 1 - 50%) 02/26	26/20 Date 6-2-23 License # 56382	BANCROFT ARCHITECTS + ENGINEERS / www. bancroft-ae.com BAE PROJECT NO. 18-116		APPROVED: DIRECTOR FMS	DATE: APPROVED: SAFETY MANAGER	APPROVED: HEALTH CARE SYS
No REVISION DATE						









### PLAN NOTES

- REFER TO SHEET GI100 & GI101 FOR GENERAL FLOOR PLAN NOTES. REFER TO ASBESTOS ABATEMENT SHEET FOR RELATED WORK.
- CONFIRM SCHEDULING OF ALL WORK AT EXISTING AREAS WITH COR PRIOR TO
- COMMENCEMENT OF WORK. REMOVE, CUT, ALTER, REPLACE, PATCH AND REPAIR EXISTING WORK AS NECESSARY TO INSTALL NEW WORK. PATCH AND/OR REPAIR EXISTING WORK
  - DISTURBED AS A RESULT OF PERFORMING NEW WORK. MATCH EXISTING CONDITION PROVIDE LABELS ABOVE THE CEILING, ON EACH ROOM, AT FIRE RESISTIVE WALLS TO
  - REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL COLUMNS.
  - REFER TO PLUMBING DRAWINGS FOR PLUMBING FIXTURES.
  - EXISTING MECHANICAL VENTS TO REMAIN. PROTECT AS REQUIRED DURING CONSTRUCTION.
  - PROVIDE UL LABELS AT EACH PENETRATION AND/OR FIRE SEAL LOCATION.

## PLAN LEGEND

AREA NOT INCLUDED IN CONTRACT

FRAME PARTITION WALL

WALL TYPE TAG. SEE DRAWING A501 FOR DETAILS.

# PLAN KEYNOTES

### NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.

- PROVIDE 1 HR FIRE RATED SEALANT AROUND MECHANICAL DUCT PENETRATION.
- AIR HANDLING UNIT. SEE MECHANICAL FOR MORE INFORMATION. MAKE UP AIR UNIT. SEE MECHANICAL FOR MORE INFORMATION. PROVIDE NEW CONCRETE PAD. SEE STRUCTURAL FOR MORE INFORMATION.
- CHILLER. SEE MECHANICAL FOR MORE INFORMATION. PROVIDE NEW CONCRETE PAD. SEE STRUCTURAL FOR MORE INFORMATION.

# DIMENSIONING CONVENTIONS

- 1) ALL DIMENSIONS ARE TO THE ACTUAL FINISHED FACE OF CONSTRUCTION ASSEMBLIES THAT ARE EITHER NEW OR EXISTING SUCH AS GYPSUM BOARD, PLASTER, CONCRETE (POURED OR PRECAST), BRICK MASONRY, CMU, ETC. UNLESS OTHERWISE NOTED. 2) ALL NEW TYPICAL DOOR UNIT INSTALLATIONS MAY NOT BE LOCATED ON THE FLOOR
- PLAN(S) BY DIMENSIONS PROVIDED AT EACH SPECIFIC UNIT SHOWN: a. TYPICAL UNIT LOCATIONS SHALL BE DETERMINED BY WHAT HAS BEEN IDENTIFIED AS TYPICAL ON THE PLAN(S), IN THE DETAILS PROVIDED OR REFERENCED AND IN COMPLIANCE WITH THE DIMENSIONAL CONVENTIONS AS EACH SPECIFIC
- LOCATION/CONDITION REQUIRES. 3) ALL NEW DOOR INSTALLATIONS SHALL COMPLY WITH THE FOLLOWING UNLESS
- a. ON THE PUSH SIDE OF DOORS: PROVIDE A MINIMUM CLEARANCE OF 12" AT THE LOCK/LATCH SIDE FACE OF DOOR FRAME OPENING TO ANY FIXED CONSTRUCTION THAT WOULD BE ADJACENT TO THE FACE OF PARTITION.
- b. ON THE PULL SIDE OF DOORS: PROVIDE A MINIMUM CLEARANCE OF 18" AT THE LOCK/LATCH SIDE FACE OF DOOR FRAME OPENING TO ANY FIXED CONSTRUCTION THAT WOULD BE ADJACENT TO THE FACE OF PARTITION.
- c. IN METAL FRAMED GYPSUM BOARD PARTITIONS TYPICALLY ON THE PULL SIDE OF DOORS WHERE THE HINGE SIDE OF A DOOR FRAME IS PLACED ADJACENT TO ANY FIXED CONSTRUCTION, LOCATE THE DOOR SIDE FRAME OPENING 4" FROM THE FIXED CONSTRUCTION.
- d. IN CONCRETE AND MASONRY PARTITIONS TYPICALLY ON THE PULL SIDE OF DOORS WHERE THE HINGE SIDE OF A DOOR FRAME IS PLACED ADJACENT TO ANY FIXED CONSTRUCTION, LOCATE THE DOOR SIDE FRAME OPENING 8" FROM THE FIXED CONSTRUCTION.
- e. FIXED CONSTRUCTION IS INTENDED TO MEAN ANY PERMANENT AFFIXED CONSTRUCTED PARTITION, WALL, COLUMN, CASEWORK OR MOUNTED ASSEMBLIES OR EQUIPMENT THAT WOULD INTERFERE WITH THE DOOR UNIT INSTALLATION, DOOR SWING(S), SAFE OPERATION OR THE MINIMUM CLEAR
- 4) WHERE INTERIOR PARTITIONS INTERSECT AND ATTACH TO EXTERIOR WALLS TYPICALLY PROVIDE THE FOLLOWING UNLESS OTHERWISE NOTED: a. AT EXTERIOR WINDOW MULLION CONDITIONS CENTER THE PARTITION ON THE
  - b. AT EXTERIOR WINDOW FRAME CONDITIONS LOCATE THE FACE OF THE PARTITION
  - 1/4" AWAY FROM ANY WINDOW FRAMING/TRIM.
  - c. AT EXTERIOR WINDOW FRAME CONDITIONS WHERE THE WINDOW SILL EXTENDS BEYOND THE FACE OF THE FRAME/TRIM LOCATE THE FACE OF THE PARTITION 1/4" AWAY FROM THE WINDOW SILL.

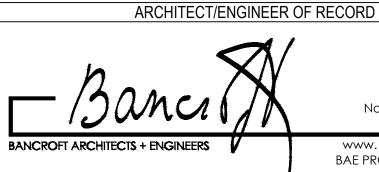
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REVISION

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APPROVED: PROJECT COR

DATE: APPROVED: PATIENT SAFETY APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

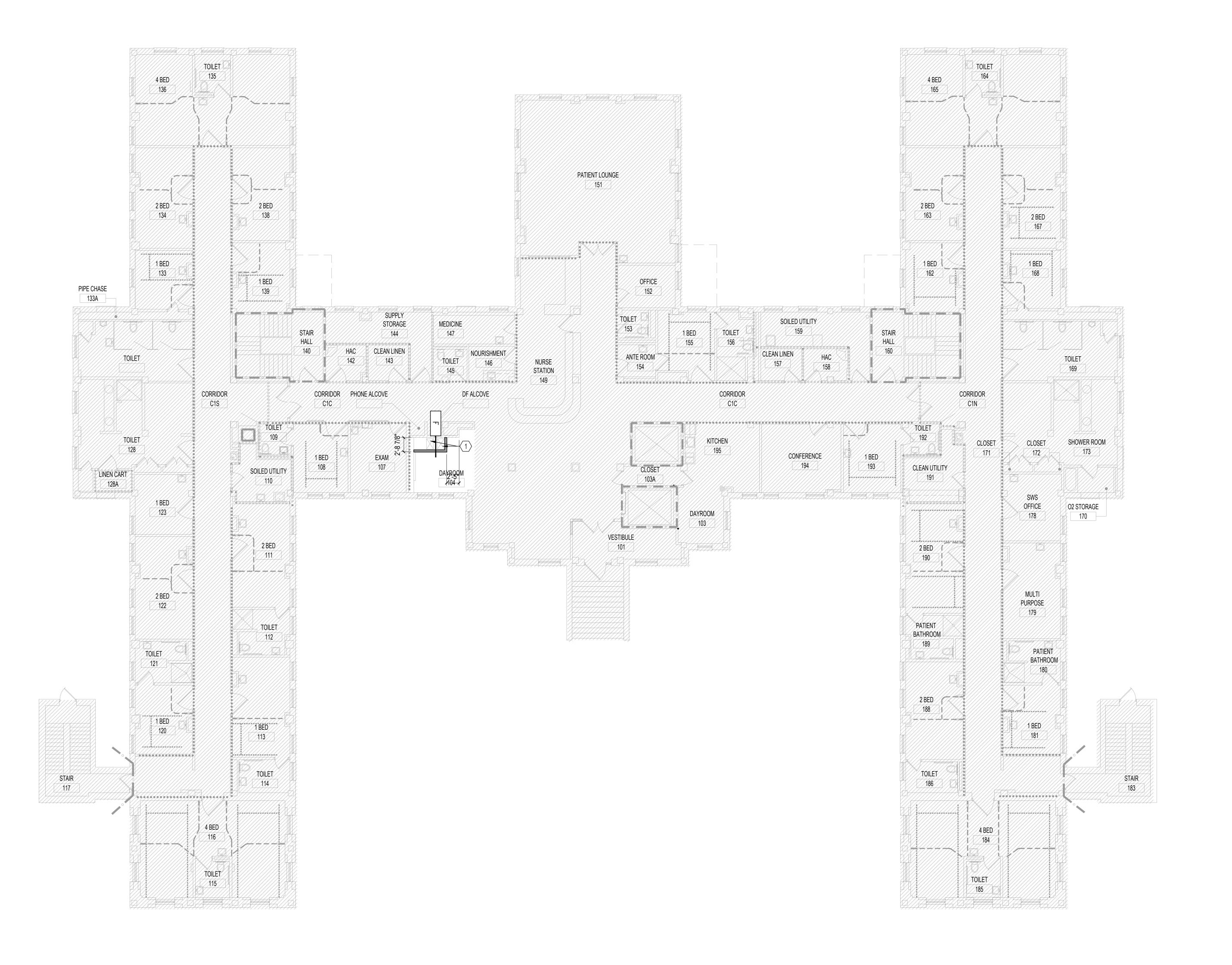
DATE: APPROVED: SERVICE LINE DIRECTOR

DATE: APPROVED: INFECTION CONTROL NURSE

CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS PLOT SCALE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 | DA | LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF 







ST. CLOUD, MN 56303 DWG. DF

DATE: APPROVED: INFECTION CONTROL NURSE ARCHITECTURAL - FIRST FLOOR CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS PLOT SCALE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 || DA || LC DATE: APPROVED: SAFETY MANAGER APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LOCATION ST. CLOUD VAHCS



PLAN NOTES

REFER TO SHEET GI100 & GI101 FOR GENERAL FLOOR PLAN NOTES. REFER TO

CONFIRM SCHEDULING OF ALL WORK AT EXISTING AREAS WITH COR PRIOR TO

NECESSARY TO INSTALL NEW WORK. PATCH AND/OR REPAIR EXISTING WORK

EXISTING MECHANICAL VENTS - TO REMAIN. PROTECT AS REQUIRED DURING

PROVIDE UL LABELS AT EACH PENETRATION AND/OR FIRE SEAL LOCATION.

PLAN LEGEND

AREA NOT INCLUDED IN CONTRACT

WALL TYPE TAG. SEE DRAWING A501 FOR DETAILS.

PLAN KEYNOTES

PROVIDE 1 HR FIRE RATED SEALANT AROUND MECHANICAL DUCT PENETRATION.

MAKE UP AIR UNIT. SEE MECHANICAL FOR MORE INFORMATION. PROVIDE NEW

DIMENSIONING CONVENTIONS

1) ALL DIMENSIONS ARE TO THE ACTUAL FINISHED FACE OF CONSTRUCTION ASSEMBLIES

THAT ARE EITHER NEW OR EXISTING SUCH AS GYPSUM BOARD, PLASTER, CONCRETE (POURED OR PRECAST), BRICK MASONRY, CMU, ETC. UNLESS OTHERWISE NOTED.

2) ALL NEW TYPICAL DOOR UNIT INSTALLATIONS MAY NOT BE LOCATED ON THE FLOOR

COMPLIANCE WITH THE DIMENSIONAL CONVENTIONS AS EACH SPECIFIC

3) ALL NEW DOOR INSTALLATIONS SHALL COMPLY WITH THE FOLLOWING UNLESS

THAT WOULD BE ADJACENT TO THE FACE OF PARTITION.

THAT WOULD BE ADJACENT TO THE FACE OF PARTITION.

a. TYPICAL UNIT LOCATIONS SHALL BE DETERMINED BY WHAT HAS BEEN IDENTIFIED AS TYPICAL ON THE PLAN(S), IN THE DETAILS PROVIDED OR REFERENCED AND IN

a. ON THE PUSH SIDE OF DOORS: PROVIDE A MINIMUM CLEARANCE OF 12" AT THE LOCK/LATCH SIDE FACE OF DOOR FRAME OPENING TO ANY FIXED CONSTRUCTION

b. ON THE PULL SIDE OF DOORS: PROVIDE A MINIMUM CLEARANCE OF 18" AT THE

c. IN METAL FRAMED GYPSUM BOARD PARTITIONS TYPICALLY ON THE PULL SIDE OF DOORS WHERE THE HINGE SIDE OF A DOOR FRAME IS PLACED ADJACENT TO ANY FIXED CONSTRUCTION, LOCATE THE DOOR SIDE FRAME OPENING 4" FROM THE

d. IN CONCRETE AND MASONRY PARTITIONS TYPICALLY ON THE PULL SIDE OF

e. FIXED CONSTRUCTION IS INTENDED TO MEAN ANY PERMANENT AFFIXED

CONSTRUCTED PARTITION, WALL, COLUMN, CASEWORK OR MOUNTED

ASSEMBLIES OR EQUIPMENT THAT WOULD INTERFERE WITH THE DOOR UNIT INSTALLATION, DOOR SWING(S), SAFE OPERATION OR THE MINIMUM CLEAR

ACCESS SPACE OPENINGS REQUIRED FOR COMPLIANCE WITH ADA AND ABAAS.

4) WHERE INTERIOR PARTITIONS INTERSECT AND ATTACH TO EXTERIOR WALLS TYPICALLY

a. AT EXTERIOR WINDOW MULLION CONDITIONS CENTER THE PARTITION ON THE

b. AT EXTERIOR WINDOW FRAME CONDITIONS LOCATE THE FACE OF THE PARTITION

c. AT EXTERIOR WINDOW FRAME CONDITIONS WHERE THE WINDOW SILL EXTENDS BEYOND THE FACE OF THE FRAME/TRIM LOCATE THE FACE OF THE PARTITION 1/4"

PROVIDE THE FOLLOWING UNLESS OTHERWISE NOTED:

1/4" AWAY FROM ANY WINDOW FRAMING/TRIM.

AWAY FROM THE WINDOW SILL.

DOORS WHERE THE HINGE SIDE OF A DOOR FRAME IS PLACED ADJACENT TO ANY FIXED CONSTRUCTION, LOCATE THE DOOR SIDE FRAME OPENING 8" FROM THE

LOCK/LATCH SIDE FACE OF DOOR FRAME OPENING TO ANY FIXED CONSTRUCTION

PLAN(S) BY DIMENSIONS PROVIDED AT EACH SPECIFIC UNIT SHOWN:

LOCATION/CONDITION REQUIRES.

FIXED CONSTRUCTION.

FIXED CONSTRUCTION.

OTHERWISE NOTED:

CHILLER. SEE MECHANICAL FOR MORE INFORMATION. PROVIDE NEW CONCRETE PAD.

AIR HANDLING UNIT. SEE MECHANICAL FOR MORE INFORMATION.

CONCRETE PAD. SEE STRUCTURAL FOR MORE INFORMATION.

REPLACE DOOR HARDWARE. SEE SPECIFICATION 08 71 00.

DISTURBED AS A RESULT OF PERFORMING NEW WORK. MATCH EXISTING CONDITION

PROVIDE LABELS ABOVE THE CEILING, ON EACH ROOM, AT FIRE RESISTIVE WALLS TO

REMOVE, CUT, ALTER, REPLACE, PATCH AND REPAIR EXISTING WORK AS

REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL COLUMNS.

REFER TO PLUMBING DRAWINGS FOR PLUMBING FIXTURES.

ASBESTOS ABATEMENT SHEET FOR RELATED WORK.

PREVENT LATER ALTERATION OF RATING.

FRAME PARTITION WALL

CMU WALL - FULLY GROUTED

NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.

SEE STRUCTURAL FOR MORE INFORMATION.

COMMENCEMENT OF WORK.

CONSTRUCTION.

U.S. Department of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System

I hereby certify that this plan, specification, or 6 ISSUE FOR BID report was prepared by me or under my direct supervision and that I am a duly Licensed Architect 5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%) under the laws of the State of Minnesota. 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22 Print Name: DENNIS J MIKA
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ARCHITECTURAL - FIRST FLOOR PLAN

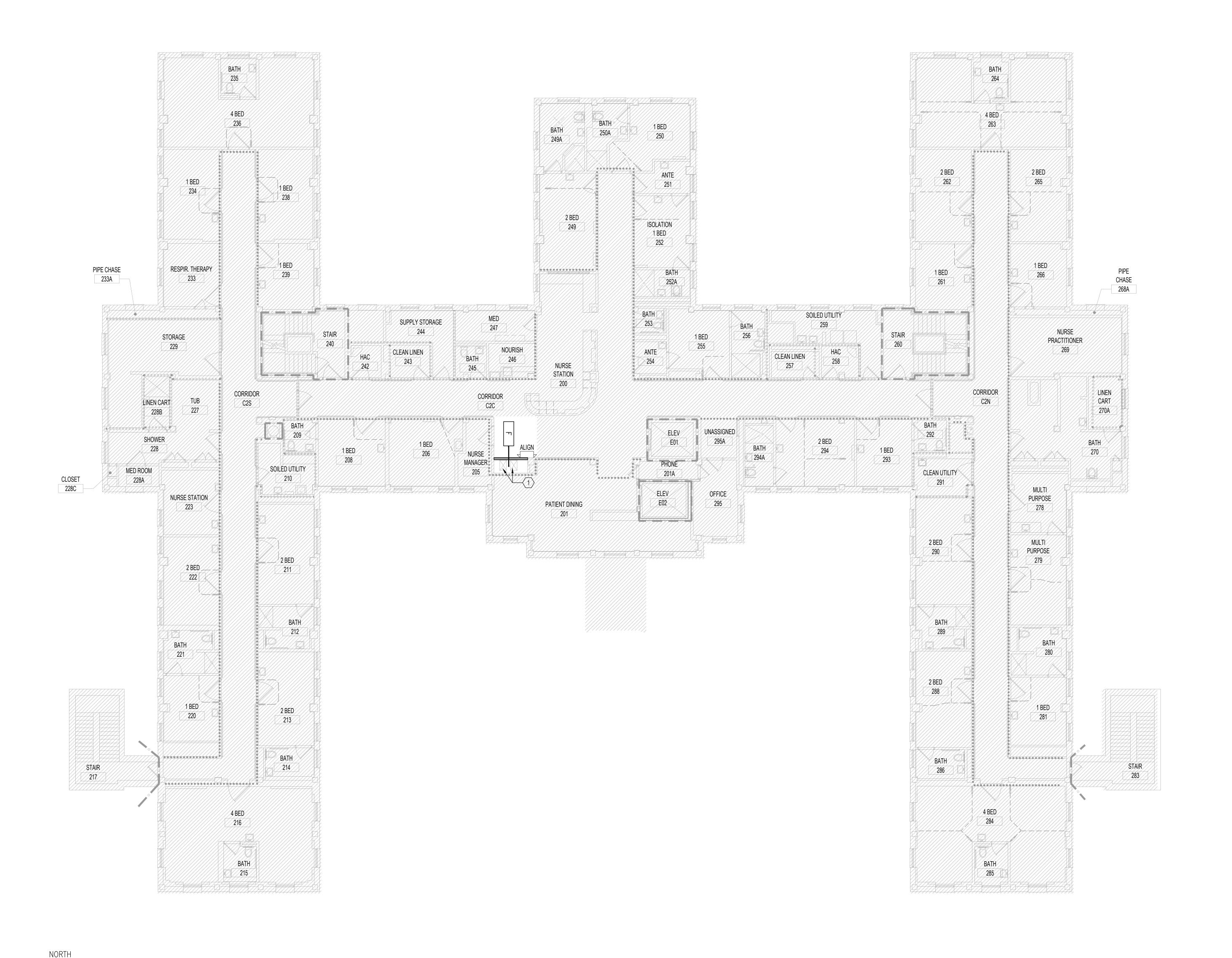
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ARCHITECT/ENGINEER OF RECORD BANCROFT ARCHITECTS + ENGINEERS

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- REFER TO SHEET GI100 & GI101 FOR GENERAL FLOOR PLAN NOTES. REFER TO ASBESTOS ABATEMENT SHEET FOR RELATED WORK.
- CONFIRM SCHEDULING OF ALL WORK AT EXISTING AREAS WITH COR PRIOR TO
- COMMENCEMENT OF WORK. REMOVE, CUT, ALTER, REPLACE, PATCH AND REPAIR EXISTING WORK AS NECESSARY TO INSTALL NEW WORK. PATCH AND/OR REPAIR EXISTING WORK
- DISTURBED AS A RESULT OF PERFORMING NEW WORK. MATCH EXISTING CONDITION PROVIDE LABELS ABOVE THE CEILING, ON EACH ROOM, AT FIRE RESISTIVE WALLS TO
- REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL COLUMNS.

PREVENT LATER ALTERATION OF RATING.

- REFER TO PLUMBING DRAWINGS FOR PLUMBING FIXTURES.
- EXISTING MECHANICAL VENTS TO REMAIN. PROTECT AS REQUIRED DURING CONSTRUCTION.
- PROVIDE UL LABELS AT EACH PENETRATION AND/OR FIRE SEAL LOCATION.

### PLAN LEGEND

AREA NOT INCLUDED IN CONTRACT

CMU WALL - FULLY GROUTED

FRAME PARTITION WALL

WALL TYPE TAG. SEE DRAWING A501 FOR DETAILS.

### NOTE: NOT ALL KEY NOTES APPEAR ON ALL DRAWINGS.

PROVIDE 1 HR FIRE RATED SEALANT AROUND MECHANICAL DUCT PENETRATION.

PLAN KEYNOTES

- AIR HANDLING UNIT. SEE MECHANICAL FOR MORE INFORMATION. MAKE UP AIR UNIT. SEE MECHANICAL FOR MORE INFORMATION. PROVIDE NEW
- CONCRETE PAD. SEE STRUCTURAL FOR MORE INFORMATION.
- REPLACE DOOR HARDWARE. SEE SPECIFICATION 08 71 00.
- CHILLER. SEE MECHANICAL FOR MORE INFORMATION. PROVIDE NEW CONCRETE PAD. SEE STRUCTURAL FOR MORE INFORMATION.

# DIMENSIONING CONVENTIONS

- 1) ALL DIMENSIONS ARE TO THE ACTUAL FINISHED FACE OF CONSTRUCTION ASSEMBLIES THAT ARE EITHER NEW OR EXISTING SUCH AS GYPSUM BOARD, PLASTER, CONCRETE (POURED OR PRECAST), BRICK MASONRY, CMU, ETC. UNLESS OTHERWISE NOTED. 2) ALL NEW TYPICAL DOOR UNIT INSTALLATIONS MAY NOT BE LOCATED ON THE FLOOR
  - a. TYPICAL UNIT LOCATIONS SHALL BE DETERMINED BY WHAT HAS BEEN IDENTIFIED AS TYPICAL ON THE PLAN(S), IN THE DETAILS PROVIDED OR REFERENCED AND IN COMPLIANCE WITH THE DIMENSIONAL CONVENTIONS AS EACH SPECIFIC LOCATION/CONDITION REQUIRES.
- 3) ALL NEW DOOR INSTALLATIONS SHALL COMPLY WITH THE FOLLOWING UNLESS OTHERWISE NOTED:

PLAN(S) BY DIMENSIONS PROVIDED AT EACH SPECIFIC UNIT SHOWN:

- a. ON THE PUSH SIDE OF DOORS: PROVIDE A MINIMUM CLEARANCE OF 12" AT THE LOCK/LATCH SIDE FACE OF DOOR FRAME OPENING TO ANY FIXED CONSTRUCTION THAT WOULD BE ADJACENT TO THE FACE OF PARTITION.
- b. ON THE PULL SIDE OF DOORS: PROVIDE A MINIMUM CLEARANCE OF 18" AT THE LOCK/LATCH SIDE FACE OF DOOR FRAME OPENING TO ANY FIXED CONSTRUCTION THAT WOULD BE ADJACENT TO THE FACE OF PARTITION.
- c. IN METAL FRAMED GYPSUM BOARD PARTITIONS TYPICALLY ON THE PULL SIDE OF DOORS WHERE THE HINGE SIDE OF A DOOR FRAME IS PLACED ADJACENT TO ANY FIXED CONSTRUCTION, LOCATE THE DOOR SIDE FRAME OPENING 4" FROM THE FIXED CONSTRUCTION.
- d. IN CONCRETE AND MASONRY PARTITIONS TYPICALLY ON THE PULL SIDE OF DOORS WHERE THE HINGE SIDE OF A DOOR FRAME IS PLACED ADJACENT TO ANY FIXED CONSTRUCTION, LOCATE THE DOOR SIDE FRAME OPENING 8" FROM THE FIXED CONSTRUCTION.
- e. FIXED CONSTRUCTION IS INTENDED TO MEAN ANY PERMANENT AFFIXED CONSTRUCTED PARTITION, WALL, COLUMN, CASEWORK OR MOUNTED ASSEMBLIES OR EQUIPMENT THAT WOULD INTERFERE WITH THE DOOR UNIT INSTALLATION, DOOR SWING(S), SAFE OPERATION OR THE MINIMUM CLEAR
- 4) WHERE INTERIOR PARTITIONS INTERSECT AND ATTACH TO EXTERIOR WALLS TYPICALLY PROVIDE THE FOLLOWING UNLESS OTHERWISE NOTED: a. AT EXTERIOR WINDOW MULLION CONDITIONS CENTER THE PARTITION ON THE
- b. AT EXTERIOR WINDOW FRAME CONDITIONS LOCATE THE FACE OF THE PARTITION

ACCESS SPACE OPENINGS REQUIRED FOR COMPLIANCE WITH ADA AND ABAAS.

- 1/4" AWAY FROM ANY WINDOW FRAMING/TRIM.
- c. AT EXTERIOR WINDOW FRAME CONDITIONS WHERE THE WINDOW SILL EXTENDS BEYOND THE FACE OF THE FRAME/TRIM LOCATE THE FACE OF THE PARTITION 1/4" AWAY FROM THE WINDOW SILL.

# 06/02/2023 - ISSUE FOR BID

6 ISSUE FOR BID 5 | CONSTRUCTION DOCUMENTS (CD 2 - 100%) 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22 3 | DESIGN DEVELOPMENT (DD 2 - 75%) 10/11/22 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22 02/26/20 DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

DATE

ARCHITECTURAL - SECOND FLOOR PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: Date <u>6-2-23</u> License # <u>56382</u>

ARCHITECT/ENGINEER OF RECORD BANCROFT ARCHITECTS + ENGINEERS

3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

DATE: APPROVED: PATIENT SAFETY APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

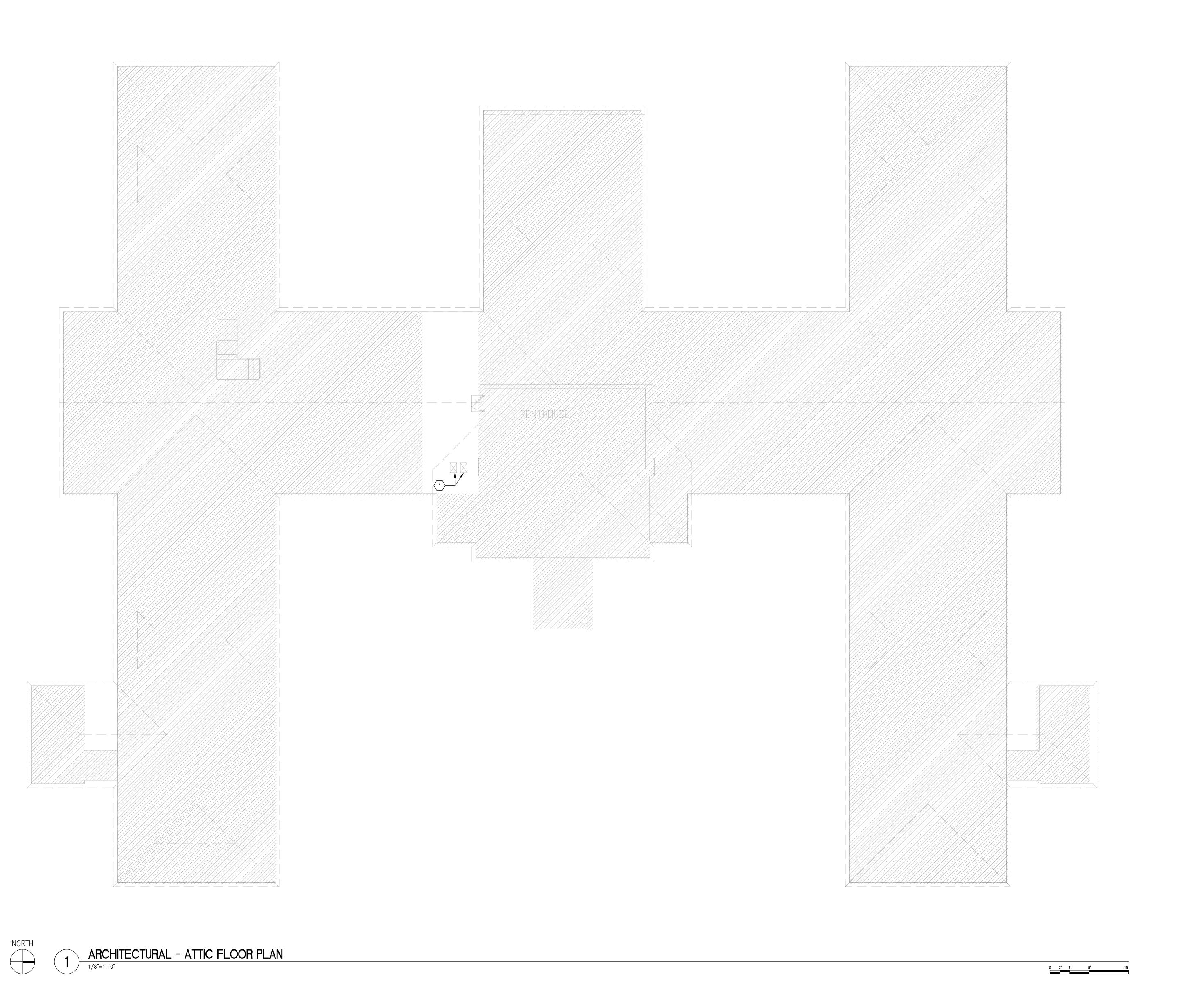
DATE: APPROVED: INFECTION CONTROL NURSE

CONSTRUCT/REPLACE ARCHITECTURAL - SECOND BUILDING 50 MEP SYSTEMS PLOT SCALE FLOOR PLAN APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 || DA || LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF 





U.S. Department of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System



### PLAN NOTES

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  - REFER TO PLUMBING DRAWINGS FOR PLUMBING FIXTURES.
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### PLAN LEGEND

FRAME PARTITION WALL

AREA NOT INCLUDED IN CONTRACT

CMU WALL - FULLY GROUTED

WALL TYPE TAG. SEE DRAWING A501 FOR DETAILS.

# PLAN KEYNOTES

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- PROVIDE 1 HR FIRE RATED SEALANT AROUND MECHANICAL DUCT PENETRATION.
- AIR HANDLING UNIT. SEE MECHANICAL FOR MORE INFORMATION. MAKE UP AIR UNIT. SEE MECHANICAL FOR MORE INFORMATION. PROVIDE NEW CONCRETE PAD. SEE STRUCTURAL FOR MORE INFORMATION.
- REPLACE DOOR HARDWARE. SEE SPECIFICATION 08 71 00.
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- e. FIXED CONSTRUCTION IS INTENDED TO MEAN ANY PERMANENT AFFIXED CONSTRUCTED PARTITION, WALL, COLUMN, CASEWORK OR MOUNTED ASSEMBLIES OR EQUIPMENT THAT WOULD INTERFERE WITH THE DOOR UNIT INSTALLATION, DOOR SWING(S), SAFE OPERATION OR THE MINIMUM CLEAR ACCESS SPACE OPENINGS REQUIRED FOR COMPLIANCE WITH ADA AND ABAAS.
- 4) WHERE INTERIOR PARTITIONS INTERSECT AND ATTACH TO EXTERIOR WALLS TYPICALLY PROVIDE THE FOLLOWING UNLESS OTHERWISE NOTED: a. AT EXTERIOR WINDOW MULLION CONDITIONS CENTER THE PARTITION ON THE
  - b. AT EXTERIOR WINDOW FRAME CONDITIONS LOCATE THE FACE OF THE PARTITION
  - 1/4" AWAY FROM ANY WINDOW FRAMING/TRIM.
- c. AT EXTERIOR WINDOW FRAME CONDITIONS WHERE THE WINDOW SILL EXTENDS BEYOND THE FACE OF THE FRAME/TRIM LOCATE THE FACE OF THE PARTITION 1/4" AWAY FROM THE WINDOW SILL.

# 06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20

REVISION

DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2-23 License # 56382

ARCHITECT/ENGINEER OF RECORD BANCROFT ARCHITECTS + ENGINEERS

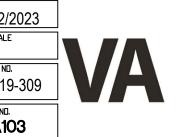
3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

DATE: APPROVED: PATIENT SAFETY APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE

ARCHITECTURAL - ATTIC PLAN

| CONSTRUCT/REPLACE | 06/02/20:
| BUILDING 50 MEP SYSTEMS | PLIIT SCALE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING NO CHECKED BY DRAWN 50 || DA || LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF 





U.S. Department

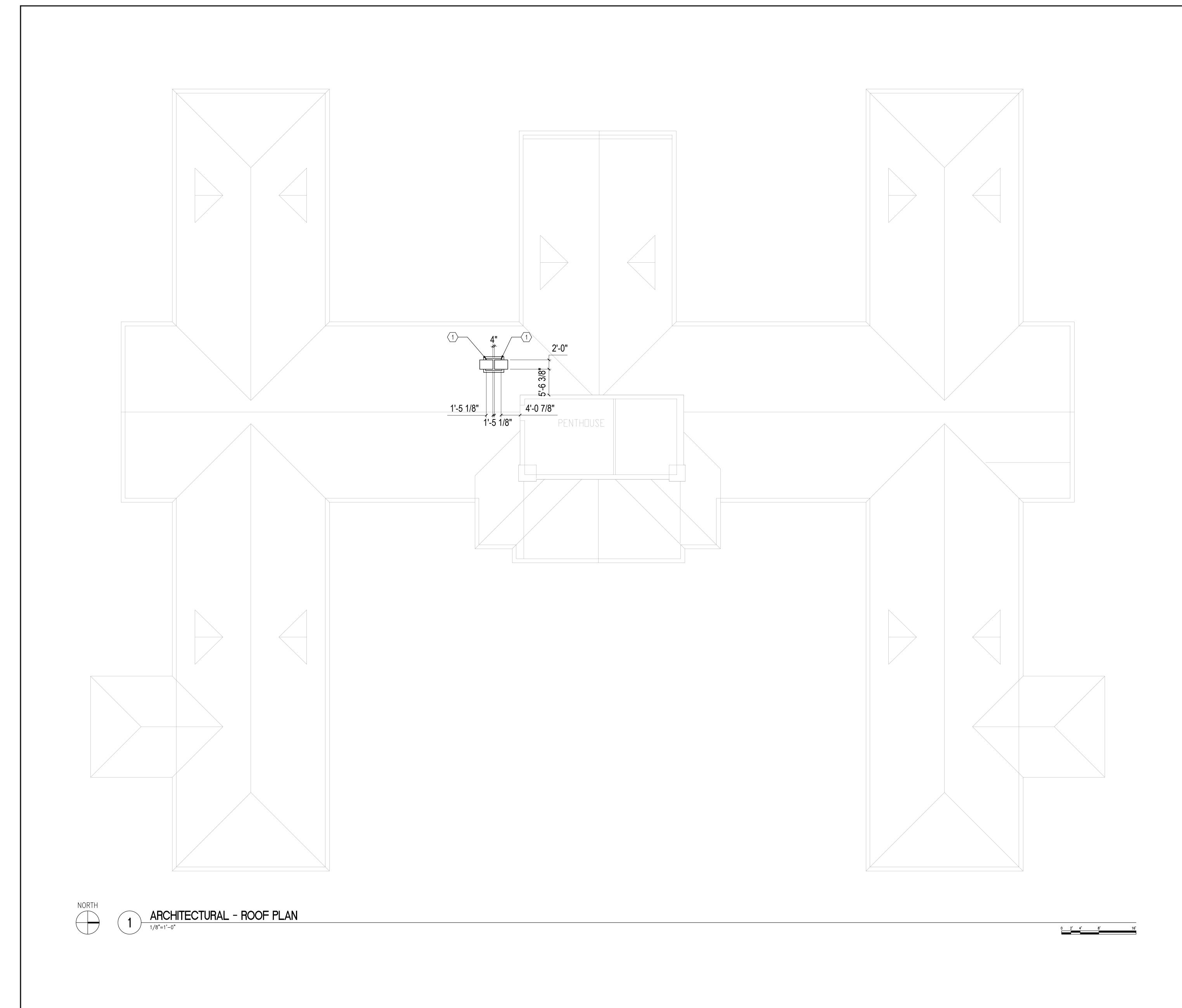
of Veterans Affairs

Veterans Health

Administration

Health Care System

St. Cloud VA



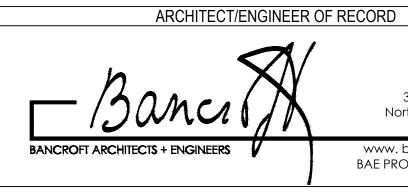
**ROOF PLAN NOTES** A. REFER TO SHEET GI100 FOR GENERAL PLAN NOTES. ROOF PLAN LEGEND AREA NOT INCLUDED IN CONTRACT \_\_\_\_\_ NEW CONSTRUCTION ROOF PLAN KEYNOTES INTAKE GOOSENECK - REFER TO MECHANICAL DRAWINGS SEE 3/A600 FOR DETAIL.

06/02/2023 - ISSUE FOR BID

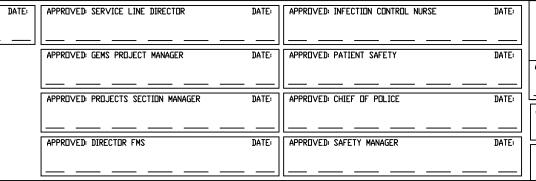
6 ISSUE FOR BID 5 CONSTRUCTION DOCUMENTS (CD 2 - 100%) 01/27/23 4 CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22 10/11/22 3 DESIGN DEVELOPMENT (DD 2 - 75%) 2 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22 02/26/20 DATE 1 DESIGN DEVELOPMENT (DD 1 - 50%)

REVISION

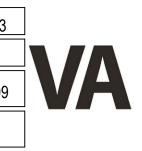
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2-23 License # 56382



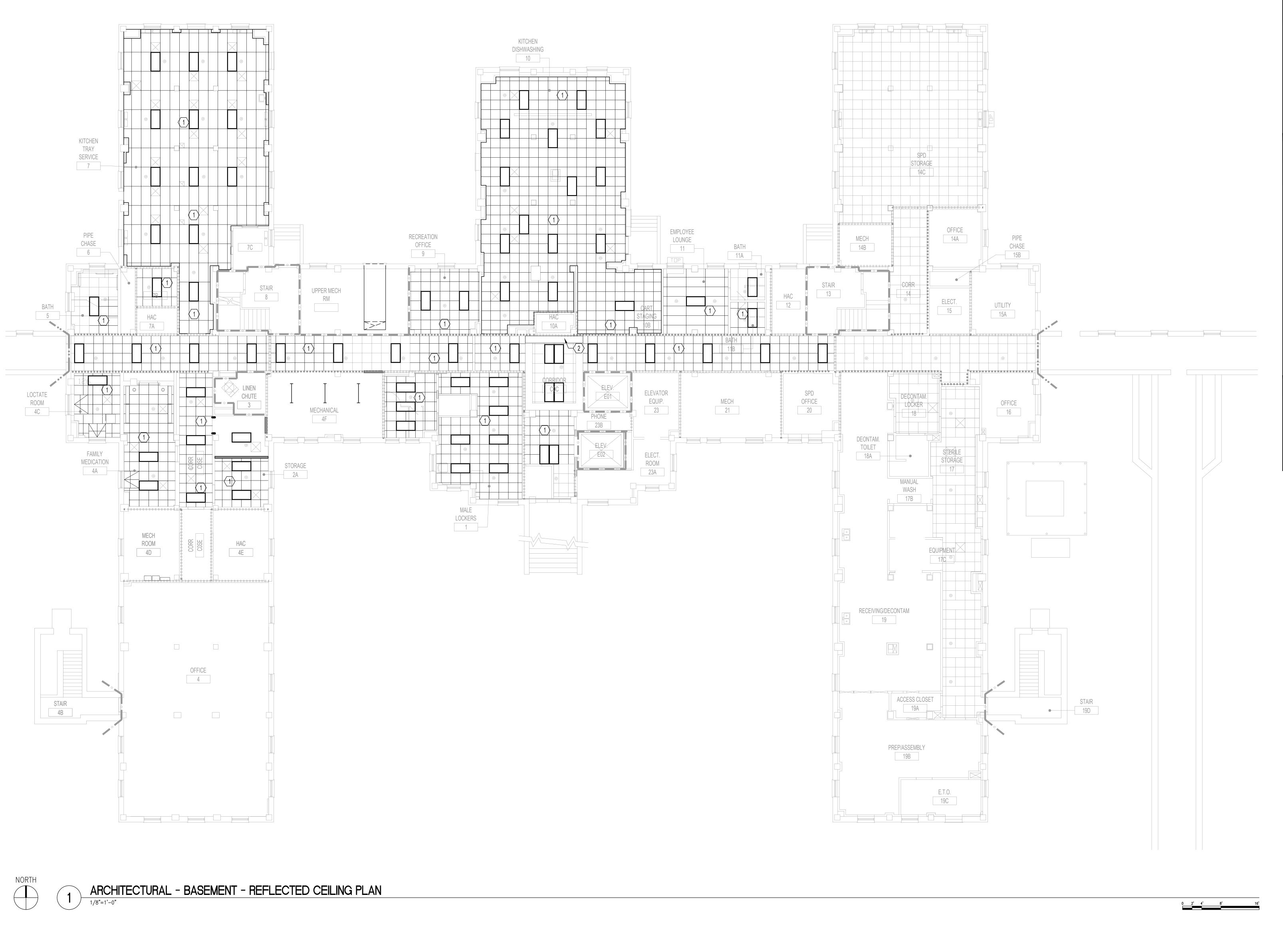




		_
DRAWING TITLE  ARCHITECTURAL - ROOF PLAN	PRILJECT TITLE DATE: 06/02/2023	
	BUILDING 50 MEP SYSTEMS PLOT SCALE	7
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR	PROJECT NO.	ī
DATE:	656-19-309	
APPROVED: CHIEF OF STAFF DATE:	BUILDING No CHECKED BY DRAWN DRAWING ND.	٦
	50 DA LC <b>A104</b>	
APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:	LOCATION ST. CLOUD VAHCS	
	ST. CLOUD, MN 56303 DWG. DF	







### REFLECTED CEILING PLAN NOTES

- FOR LOCATIONAL REFERENCE ONLY. REFER TO THE RESPECTIVE CONSTRUCTION PLANS FOR FULL DESCRIPTION OF WORK FOR THESE DISCIPLINES.
- CENTER ALL CEILING GRIDS IN ROOMS.
- ALL CEILINGS ARE 8'-0" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.

# REFLECTED CEILING PLAN LEGEND

SUSPENDED ACOUSTIC CEILING TILE

2' X 4' LIGHT FIXTURE.
REFER TO ELECTRICAL DRAWINGS.

2' X 2' LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.

SURFACE MOUNTED LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.

DIMMABLE LIGHT FIXTURE REFER TO ELECTRICAL DRAWINGS.

SUPPLY DIFFUSER.
REFER TO MECHANICAL DRAWINGS.

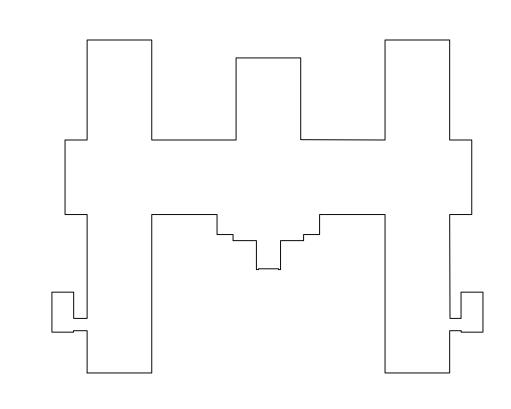
RETURN DIFFUSER. REFER TO MECHANICAL DRAWINGS.

SPRINKLER HEAD REFER TO FIRE PROTECTION DRAWINGS.

AREA NOT INCLUDED IN CONTRACT

# REFLECTED CEILING PLAN KEYNOTES

- INSTALL ACOUSTICAL CEILING TILE AND GRID WHERE REMOVED FOR INSTALLATION OF MECHANICAL DUCTWORK. MATCH CEILING HEIGHT TO EXISTING.
- MECHANICAL PIPING. SAND AND PAINT AS TO LEAVE NO EVIDENCE OF PATCHING. FINISH TO MATCH EXISTING.





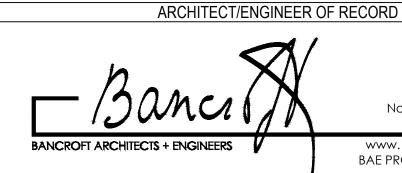
# 06/02/2023 - ISSUE FOR BID

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REVISION

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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA Date 6-2-23 License # 56382



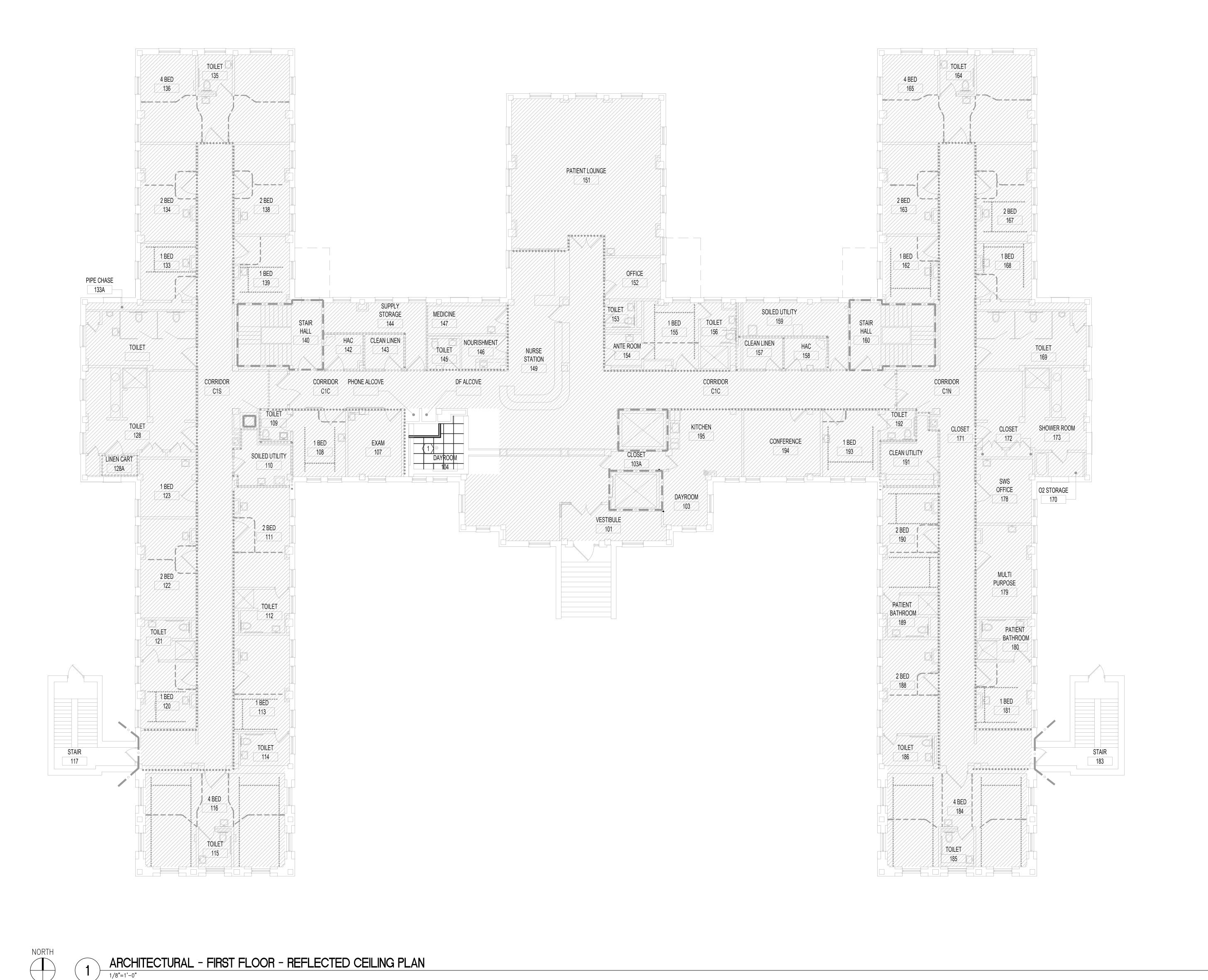
3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116

	<u> </u>	
APPROVED: GEMS PROJECT MANAGER DATE:	APPROVED: PATIENT SAFETY DATE:	]   "
		DA
APPROVED: PROJECTS SECTION MANAGER DATE:	APPROVED: CHIEF OF POLICE DATE:	AF
	<u> </u>	
APPROVED: DIRECTOR FMS DATE:	APPROVED: SAFETY MANAGER DATE:	AF

DATE:	APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:	DRAWING TITLE  ARCHITECTURAL - BASEMENT -  REFLECTED CEILING PLAN	-	PROJECT TITLE CONSTRUCT BUILDING			DATE: 06/02/2023 PLUT SCALE
	APPROVED: GEMS PROJECT MANAGER		APPROVED: PATIENT SAFETY	DATE:	APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR  DATE:	DR .	501251110	70 III.	. 6 . 2	PREIJECT NEI. 656-19-309
	APPROVED: PROJECTS SECTION MANAGER		APPROVED: CHIEF OF POLICE	DATE:	APPROVED: CHIEF OF STAFF	DATE:	BUILDING No	CHECKED BY	DRAWN LC	DRAWING ND. AC100
	APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE: 	APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:	LOCATION ST. ( ST. (	CLOUD VA		DWG. OF







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SUPPLY DIFFUSER.
REFER TO MECHANICAL DRAWINGS.

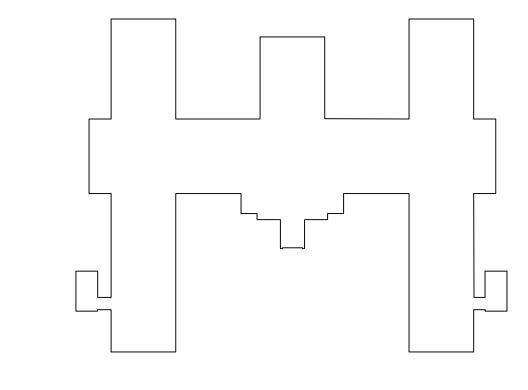
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AREA NOT INCLUDED IN CONTRACT

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## 06/02/2023 - ISSUE FOR BID

		ARCHITECT/ENGINEER OF RECORD	APPROVED: PROJECT COR	DATE: APPROVED: SERVICE LINE DIRECTOR	DATE: APPROVED: INFECTION CONTROL NURSE
6 ISSUE FOR BID	06/02/23	I hereby certify that this plan, specification, or report was prepared by me or under my direct			
5 CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23	supervision and that I am a duly Licensed Architect		APPR□VED: GEMS PR□JECT MANAGER	DATE: APPROVED: PATIENT SAFETY
4 CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22	under the laws of the State of Minnesota.  DENNIS I MIKA  3300 Dundee Rd.			<u> </u>
,	10/11/22	Northbrook, IL 60062		APPROVED: PROJECTS SECTION MANAGER	DATE: APPROVED: CHIEF OF POLICE
` '	08/18/22	Signature.		APPROVED NOTED THE	DATE ADDRESS ASSETS MANAGED
1 DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20	Date 6-2-23 License # 56382 BANCROFT ARCHITECTS + ENGINEERS Www. bancroft-ae.com BANCROFT ARCHITECTS + ENGINEERS Www. bancroft-ae.com BAE PROJECT NO. 18-116		APPROVED: DIRECTOR FMS	DATE: APPROVED: SAFETY MANAGER

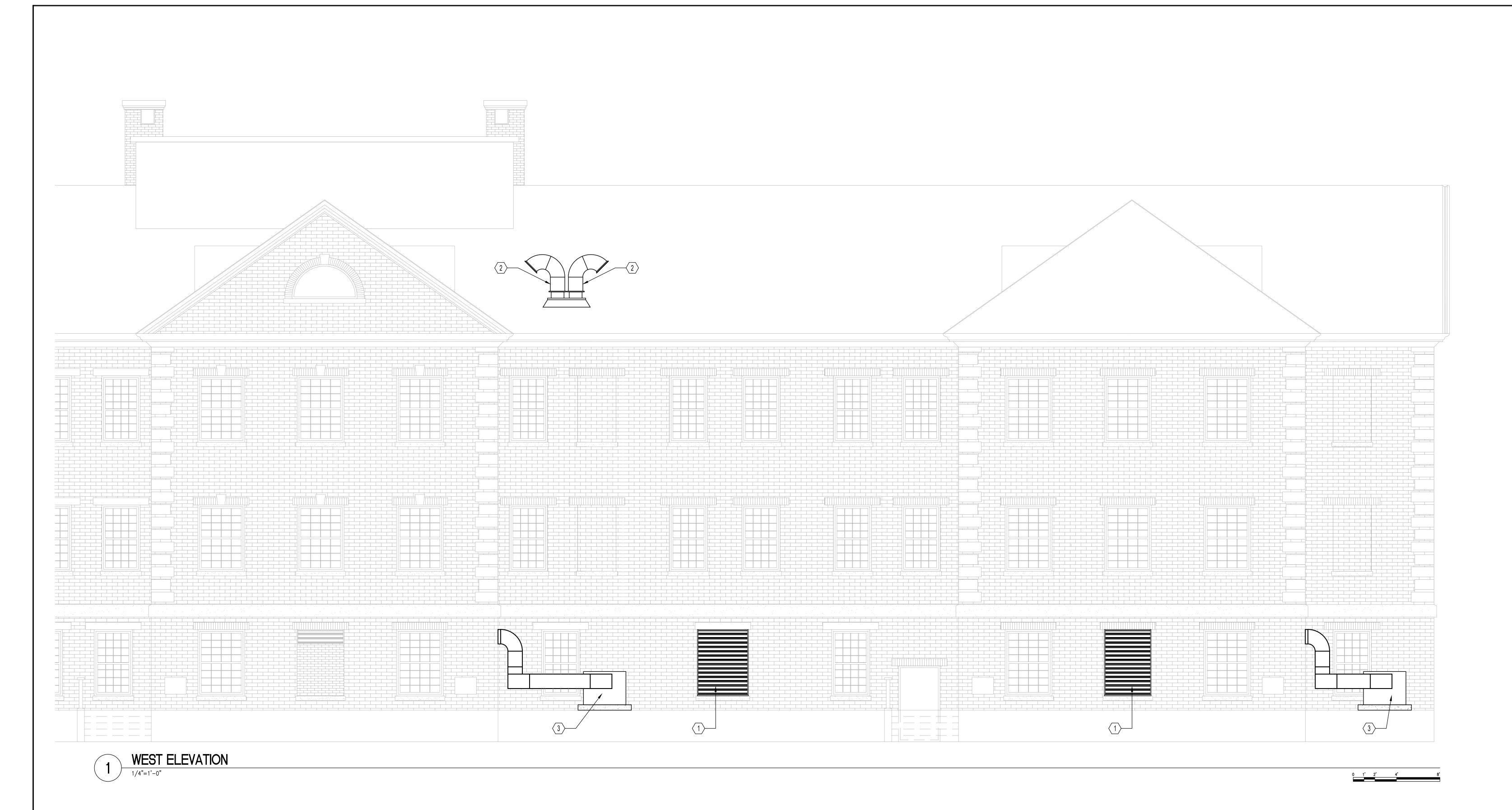
DATE

REVISION

DATE: DRAVING TITLE ARCHITECTURAL - FIRST FLOOR - CONSTRUCT/REPLACE RI III DING 50 MEP SYSTE BUILDING 50 MEP SYSTEMS PLOT SCALE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 | DA | LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS 







## EXTERIOR ELEVATIONS GENERAL NOTES

A. REFER TO SPECIFICATION 08 56 53 "BLAST RESISTANT FACADE SYSTEMS" FOR BLAST REQUIREMENTS FOR ALL EXTERIOR FACADE SYSTEMS, INCLUDING EXTERIOR GLAZING SYSTEMS, EXTERIOR WALL SYSTEMS, EXTERIOR DOORS, AND EXTERIOR LOUVERS.

## EXTERIOR ELEVATIONS KEYNOTES

- 50X35 METAL LOUVER CENTERED WITHIN BLANKED OFF LOUVER PANEL. SEE MECHANICAL FOR MORE INFORMATION
- MECHANICAL FOR MORE INFORMATION.

  INTAKE GOOSENECK. SEE MECHANICAL FOR MORE INFORMATION.
- INTAKE GOUSENECK. SEE MECHANICAL FOR MORE INFORMATION.
   MAKE UP AIR UNIT. SEE MECHANICAL FOR MORE INFORMATION.

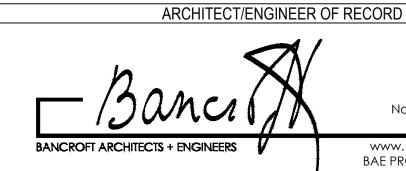
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No	REVISION	DATE

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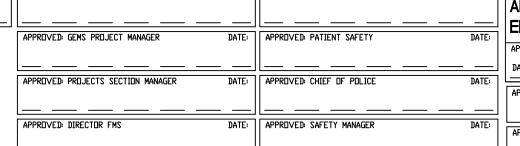
Print Name: DENNIS J MIKA

Signature: License # 56382





APPROVED: PROJECT COR



<del>\_ \_ \_ \_ \_ \_ \_ | \_ \_ \_ \_ \_ \_ \_ \_ \_ </del>

DATE: APPROVED: INFECTION CONTROL NURSE

DATE: APPROVED: SERVICE LINE DIRECTOR

DRAWING TITLE

ARCHITECTURAL - EXTERIOR

ELEVATION - WEST

APPRIDVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR

DATE:

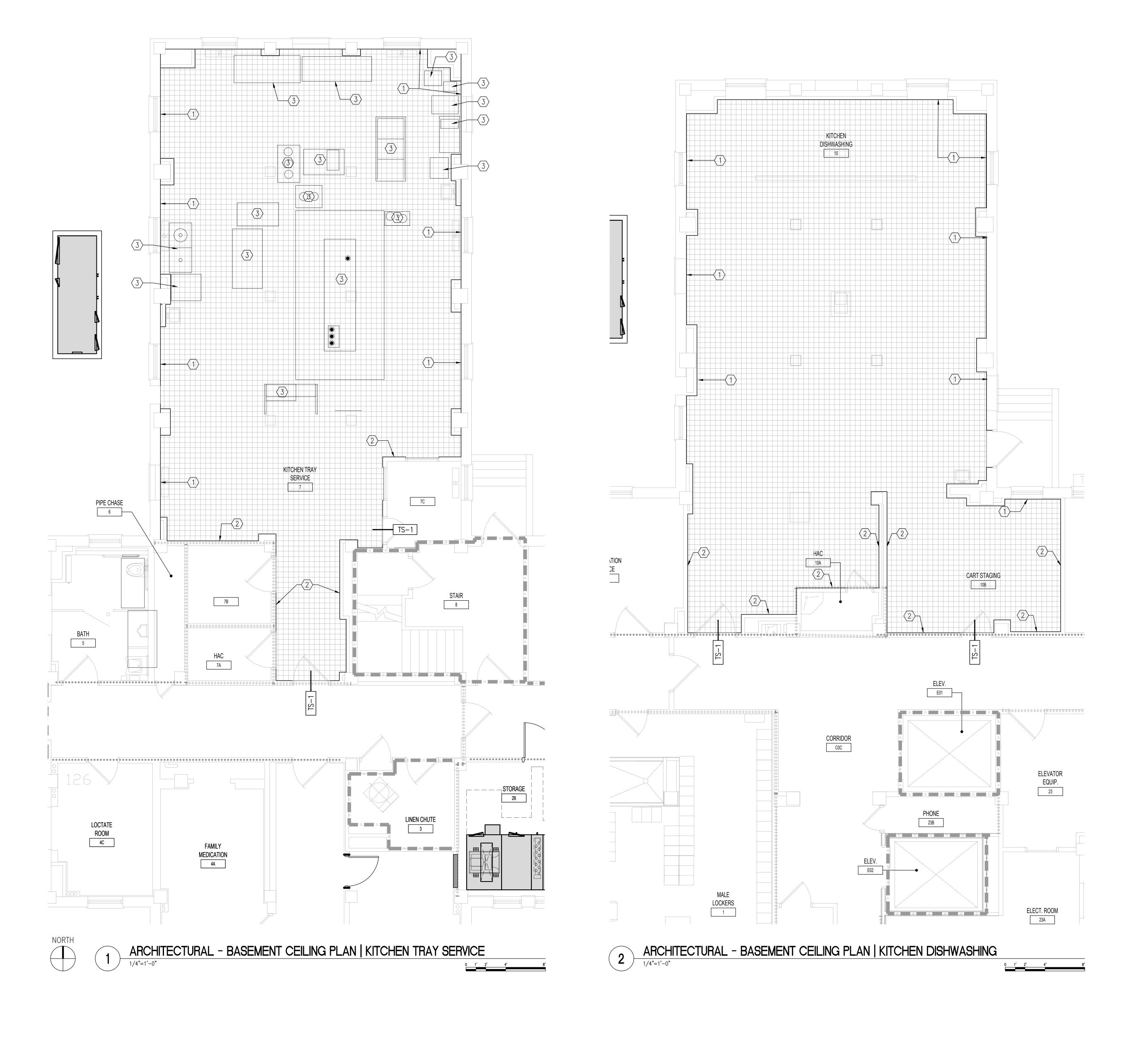
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SCALE

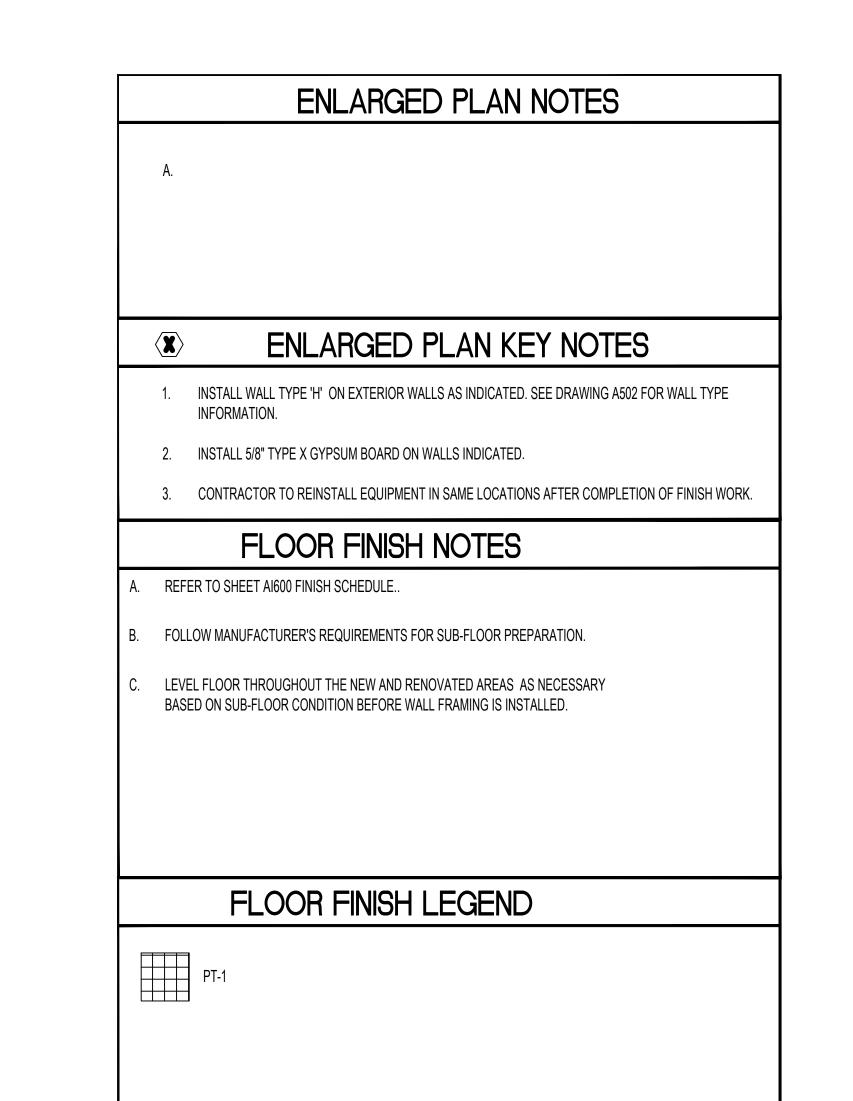
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6-19-309
NG ND.

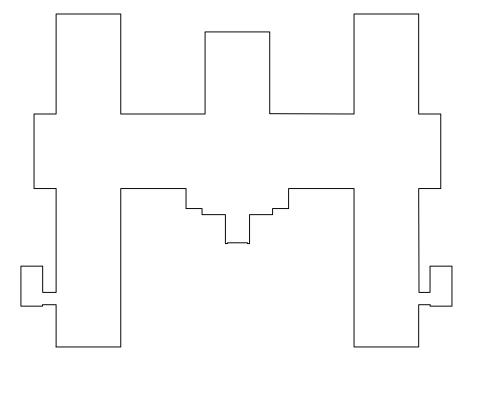
A201



U.S. Department
of Veterans Affairs
Veterans Health
Administration
St. Cloud VA
Health Care System



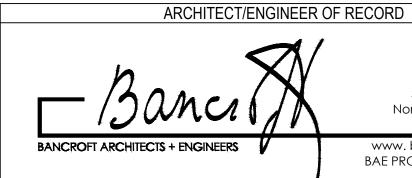




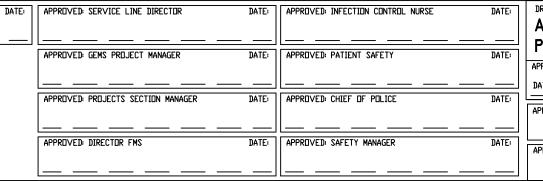


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4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2:23 License # 56382



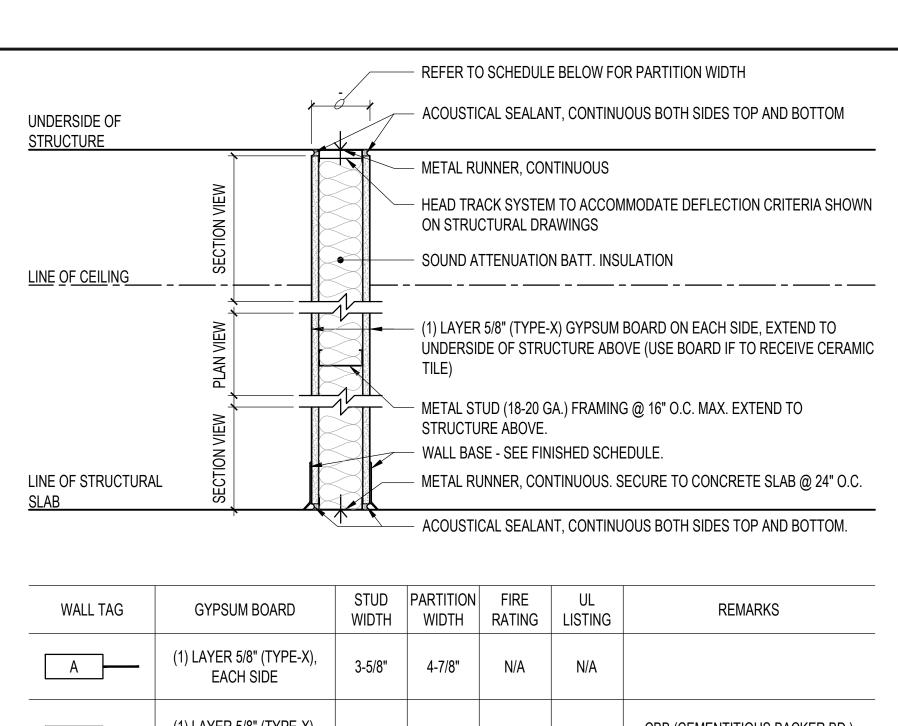




DRAWING TITLE  ARCHTECTURAL - ENLARGED	PROJECT TITLE CONSTRUCT/RE	DATE: 06/02/2023		
PLAN - RM 7 + RM 10	BUILDING 50 ME	PLOT SCALE		
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR		PROJECT NO.		
DATE:			656-19-309	
APPROVED: CHIEF OF STAFF DATE:	BUILDING No CHECKE	D BY DRAWN	DRAWING NO.	1 _
	50 DA	LC LC	A401	
APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:	LOCATION ST. CLOUI	O VAHCS		
	ST. CLOUI	D, MN 56303	DWG. OF	







WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS
	(1) LAYER 5/8" (TYPE-X), EACH SIDE	3-5/8"	4-7/8"	N/A	N/A	
A1	(1) LAYER 5/8" (TYPE-X), (1) LAYER 5/8" CBB	3-5/8"	4-7/8"	N/A	N/A	CBB (CEMENTITIOUS BACKER BD.) ON TOILET RM. OR HAC SIDE
A2	(1) LAYER 5/8" CBB EACH SIDE	3-5/8"	4-7/8"	N/A	N/A	CBB (CEMENTITIOUS BACKER BD.) ON BOTH SIDES
A	NON-RATED PAR	TITIONS	3	1	1	

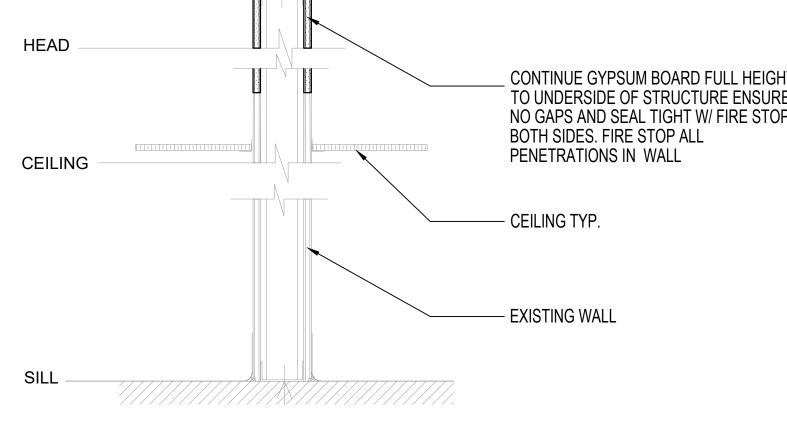
# NON-IVALED LAIVILIONS

		REFER TO SCHEDULE BELOW FOR PARTITION WIDTH.
UNDERSIDE OF STRUCTURE	,	ACOUSTICAL SEALANT, CONTINUOUS BOTH TOP AND BOTTOM.
	>	METAL RUNNER, CONTINUOUS.
	SECTION VIEW	HEAD TRACK SYSTEM TO ACCOMMODATE DEFLECTION CRITERIA SHOWN ON STRUCTURAL DRAWINGS.
LINE OF CEILING	SEC.	SOUND ATTENUATION BATT. INSULATION.
	VIEW	METAL STUD (18-20 GA.) FRAMING @ 16" O.C. MAX., EXTEND TO STRUCTURE ABOVE.
	PLAN VIEW	(1) LAYER 5/8" (TYPE-X) GYPSUM BOARD, U.N.O. BELOW. EXTEND TO UNDERSIDE OF STRUCTURE.
	ION VIEW	WALL BASE - SEE FINISHED SCHEDULE.

			— METAL RU	JNNER, CON	NTINUOUS. SI	ECURE TO CONCRETE SLAB @ 24" O.C
WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS
D	(1) LAYER 5/8" (TYPE-X), ON EXPOSED SIDE	3-5/8"	4-1/4"	N/A	N/A	
D1	(1) LAYER 5/8" CBB, ON EXPOSED SIDE	3-5/8"	4-1/4"	N/A	N/A	CBB (CEMENTITIOUS BACKER BD. ON TOILET RM. SIDE
D2	(1) LAYER 5/8" (TYPE-X), ON EXPOSED SIDE	2-1/2"	3-1/8"	N/A	N/A	
	NON DATED DAI		I EINIIC		CIDE	

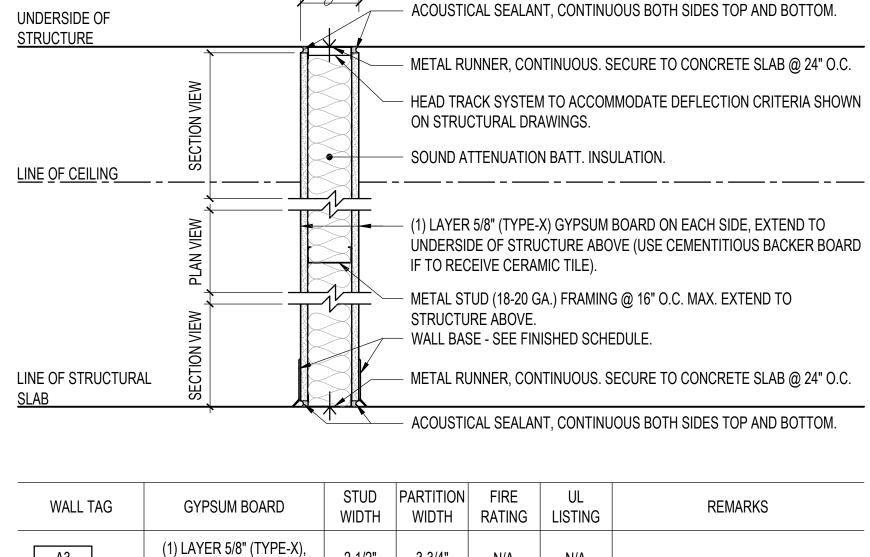
ACOUSTICAL SEALANT, CONTINUOUS TOP AND BOTTOM.

D2	(1) LAYER 5/8" (TYPE-X), ON EXPOSED SIDE	2-1/2"	3-1/8"	N/A	N/A	
D	NON-RATED PAI	RTITION	I - FINIS	H ONE	SIDE	
	HEAD					CONTINUE GYPSUM BOARD FULL HEIGHT TO UNDERSIDE OF STRUCTURE ENSURE NO GAPS AND SEAL TIGHT W/ FIRE STOP BOTH SIDES. FIRE STOP ALL



WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS		
Q	(1) LAYER 5/8" (TYPE-X), EACH SIDE	3-5/8"	4-7/8"	1HR	N/A			
Q	Q 1-HR RATED PATCH FOR EXISTING WALL							

DATE



REFER TO SCHEDULE BELOW FOR PARTITION WIDTH.

WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS
A3	(1) LAYER 5/8" (TYPE-X), EACH SIDE	2-1/2"	3-3/4"	N/A	N/A	
	(1) LAYER 5/8" (TYPE-X), (1) LAYER 5/8" CBB	6"	7-1/4"	N/A	N/A	

		WIDTH	WIDTH	RATING	LISTING				
A3	(1) LAYER 5/8" (TYPE-X), EACH SIDE	2-1/2"	3-3/4"	N/A	N/A				
A4	(1) LAYER 5/8" (TYPE-X), (1) LAYER 5/8" CBB	6"	7-1/4"	N/A	N/A				
A NON-RATED PARTITIONS (CONTINUED)									

Α	NON-RATED PART	ITIONS	(CONTII	NUED)		
UNDERSIDE OF STRUCTURE		-		, // ME	TAL RUNNEF	E BELOW FOR PARTITION WIDTH.  R, CONTINUOUS.
LINE OF CEILING	SECTION VIEW	6" HOLI MIN.	D,	TOF HEA CRI	P AND BOTT AD TRACK S' ITERIA SHOV	EALANT, CONTINUOUS BOTH SIDES OM. YSTEM TO ACCOMODATE DEFLECTION VN ON STRUCTURAL DRAWINGS. JATION BATT. INSULATION.

		/	SEE SCHEDULE BE	ELOW FOR PARTITION WIDTH.
UNDERSIDE OF			METAL RUNNER, C	ONTINUOUS.
STRUCTURE			— ACOUSTICAL SEAL TOP AND BOTTOM	ANT, CONTINUOUS BOTH SIDES —
	SECTION VIEW	6" HOLD, MIN.		TEM TO ACCOMODATE DEFLECTION ON STRUCTURAL DRAWINGS.
LINE OF CEILING	SECT		SOUND ATTENUAT	TION BATT. INSULATION.
	PLAN VIEW		\ /	SUM BOARD EACH SIDE, U.N.O. O UNDERSIDE OF EXISTING
	PLA		` '	AL STUD (18-20 GA.) FRAMING XTEND TO STRUCTURE ABOVE.
	SECTION VIEW			CING @ 48" O.C. MAX. VERTICALLY. FINISHED SCHEDULE.
LINE OF STRUCTURAL SLAB	SECTION		— METAL RUNNER, C SLAB @ 24" O.C.	ONTINUOUS. SECURE TO CONCRET
	,		— ACOUSTICAL SEAL TOP AND BOTTOM	ANT, CONTINUOUS BOTH SIDES
WALL TAG	GYPSUM BOARD	STUD PARTITION	FIRE UL	REMARKS

	TOT AND BOTTOM.								
WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS			
E —	(1) LAYER 5/8"	3-5/8"	SEE PLAN	N/A	N/A	CBB (CEMENTITIOUS BACKER BD.) ON BOTH SIDES			
E1	(1) LAYER 5/8"	3-5/8"	SEE PLAN	N/A	N/A	CBB (CEMENTITIOUS BACKER BD.) ON TOILET ROOM OR HAC SIDE			
E	NON-RATED CHAS	E PAR1	TITION		1				

В	(1) LAYER 5/8" (TYPE-X), EACH SIDE	3-5/8"	4-7/8"	1HR	U419	
B1	(2) LAYERS 5/8" (TYPE-X), EACH SIDE	3-5/8"	6-1/8"	2HR	U419	
B2	(3) LAYERS 5/8" (TYPE-X), EACH SIDE	3-5/8"	7-3/8"	3HR	U419	
В	RATED PARTITION	S				
SHAFT SIZE VARIES OF STRUCTURE	- SEE PLAN			O SCHEDULE " RUNNER, C		R PARTITION WIDTH.
SHAFT WALL -	SECTION VIEW		– FIRE RES	ISTIVE SEAL	ANT, CONTI	NUOUS TOP AND BOTTOM.

REFER TO SCHEDULE BELOW FOR PARTITION WIDTH.

(1) LAYER 5/8" (TYPE-X) GYPSUM BOARD ON EACH SIDE, NUMBER OF 5/8"

METAL STUD (18-20 GA.) FRAMING @ 16" O.C. MAX.,

- METAL RUNNER, SECURE TO CONCRETE SLAB @ 24" O.C.

— FIRE RESISTIVE SEALANT, CONTINUOUS BOTH SIDES TOP AND BOTTOM.

— C-H STUD (20 GA.) @ 24" O.C. MAX. EXTEND TO STRUCTURE ABOVE.

- METAL "J" RUNNER, CONTINUOUS. SECURE TO CONCRETE SLAB @ 24"

FIRE RESISTIVE SEALANT, CONTINUOUS TOP AND BOTTOM. COLOR

(1) LAYER 5/8" (TYPE-X) GYPSUM BOARD, EXTEND TO

UNDERSIDE OF STRUCTURE ABOVE.

WALL BASE - SEE FINISHED SCHEDULE.

MATCH TO WALL FINISH.

REMARKS

FIRE RESISTIVE SEALANT, CONTINUOUS BOTH SIDES TOP AND BOTTOM.

- HEAD TRACK SYSTEM TO ACCOMMODATE DEFLECTION CRITERIA SHOWN

LAYERS AS SCHEDULED. EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.

- CONTINUOUS METAL RUNNER.

ON STRUCTURAL DRAWINGS.

EXTEND TO STRUCTURE ABOVE.

STUD PARTITION FIRE UL

WIDTH | WIDTH | RATING | LISTING

WALL BASE - SEE FINISHED SCHEDULE.

—— SOUND ATTENUATION BATT. INSULATION.

UNDERSIDE OF

LINE OF STRUCTURAL

WALL TAG

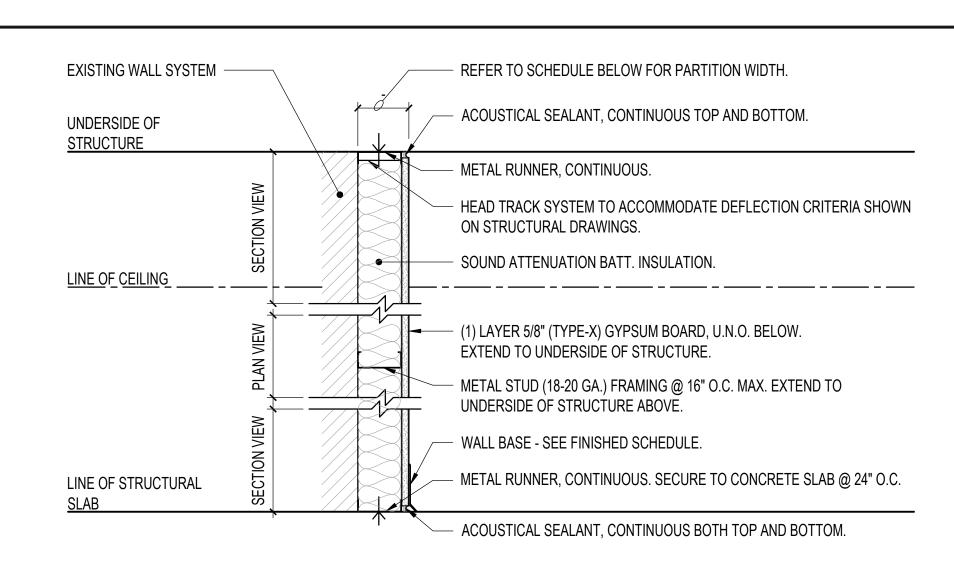
LINE OF STRUCTURAL

LINE OF CEILING

GYPSUM BOARD

STRUCTURE

WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS
F -	(1) LAYER 5/8" (TYPE -X) (1) LAYER 1" GYPSUM LINER	4"	4-5/8"	1HR	U415 SYSTEM A	
F1	(1) LAYER 5/8" (TYPE -X) (1) LAYER 1" GYPSUM LINER	2 1/2"	3-1/8"	1HR	U415 SYSTEM A	
F2	(2) LAYERS 5/8" (TYPE -X) (1) LAYER 1" GYPSUM LINER	4"	5-1/4"	2HR	U437	

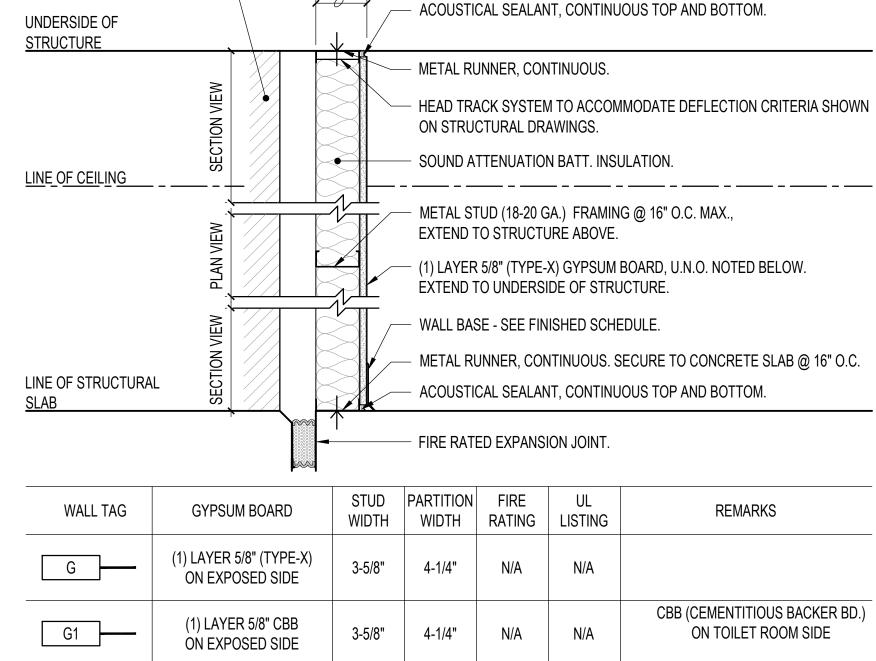


WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS			
	(1) LAYER 5/8" (TYPE-X) ON EXPOSED SIDE	3-5/8"	4-1/4"	N/A	N/A				
C1	(1) LAYER 5/8" CBB ON EXPOSED SIDE	3-5/8"	4-1/4"	N/A	N/A	CBB (CEMENTITIOUS BACKER BD.) ON TOILET RM. SIDE			
C2	(1) LAYER 5/8" (TYPE-X) ON EXPOSED SIDE	4"	4-5/8"	N/A	N/A				
C NON-RATED INSULATED FURRING PARTITION AT EXISTING WALL									

C	NON-RATED INSUL	ATED F	<b>URRIN</b>	3 PARTI	TION A	T EXISTING WALL

REFER TO SCHEDULE BELOW FOR PARTITION WIDTH.

EXISTING WALL SYSTEM



G	NON-RATED FURRING PARTITION AT EXPANSION JOINT							
G2	(1) LAYER 5/8" (TYPE-X) ON EXPOSED SIDE	2-1/2"	3-1/8"	N/A	N/A			
G1 G1	(1) LAYER 5/8" CBB ON EXPOSED SIDE	3-5/8"	4-1/4"	N/A	N/A	CBB (CEMENTITIOUS BACKER BD.) ON TOILET ROOM SIDE		
G	(1) LAYER 5/8" (TYPE-X) ON EXPOSED SIDE	3-5/8"	4-1/4"	N/A	N/A			

# PARTITION TYPES GENERAL NOTES

- 1. GYPSUM BOARD PARTITION SIZING CRITERIA BASED ON INTERIOR, NON-LOAD BEARING, AT A 5 PSF LATERAL LOAD & L/240 DEFLECTION (L/360 FOR WALL
- 2. ALL STUDS, RUNNERS AND FURRING CHANNEL GAUGES SHALL COMPLY WITH SPECIFICATION SECTION 09 22 16. UNLESS NOTED OTHERWISE.
- 3. T/WALL INTERFACE TO ACCOMMODATE VERTICAL DIFFERENTIAL DEFLECTION BETWEEN FLOOR & DECK ABOVE. SIZE VERTICAL LEG OF HEAD RUNNER ACCORDINGLY TO ACCOMMODATE MOVEMENT.
- 4. ALL PARTITIONS: MINIMUM STC RATING SHALL BE \_\_\_, UNLESS NOTED OTHERWISE.

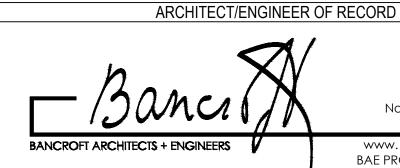
# 06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/

REVISION

LINE OF STRUCTURAL

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2-23 License # 56382



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www.bancroft-ae.com BAE PROJECT NO. 18-116

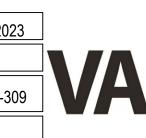
APPROVED: PROJECT COR

APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER

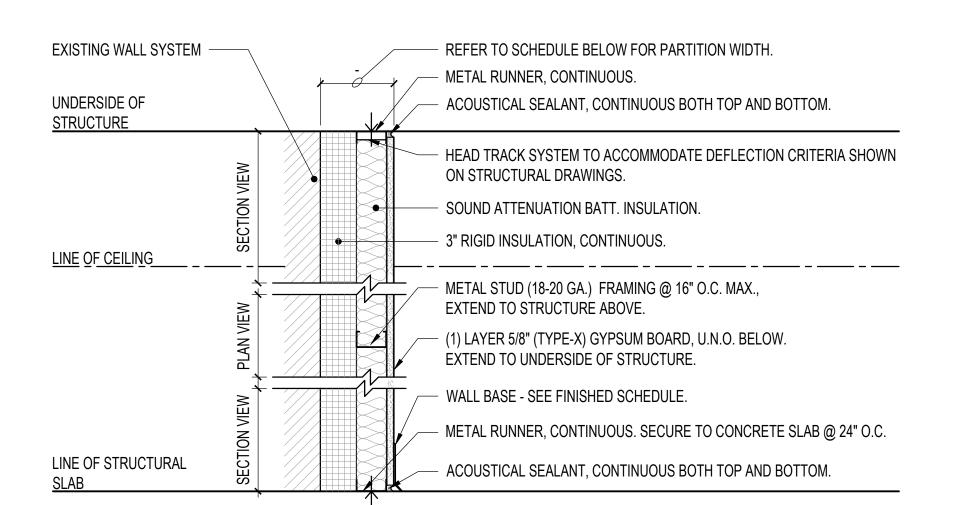
DATE: APPROVED: SERVICE LINE DIRECTOR

DATE: APPROVED: INFECTION CONTROL NURSE

CONSTRUCT/REPLACE ARCHITECTURAL - PARTITION BUILDING 50 MEP SYSTEMS PLOT SCALE SCHEDULE APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: BUILDING No CHECKED BY DRAWN 50 || DA || LC APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS

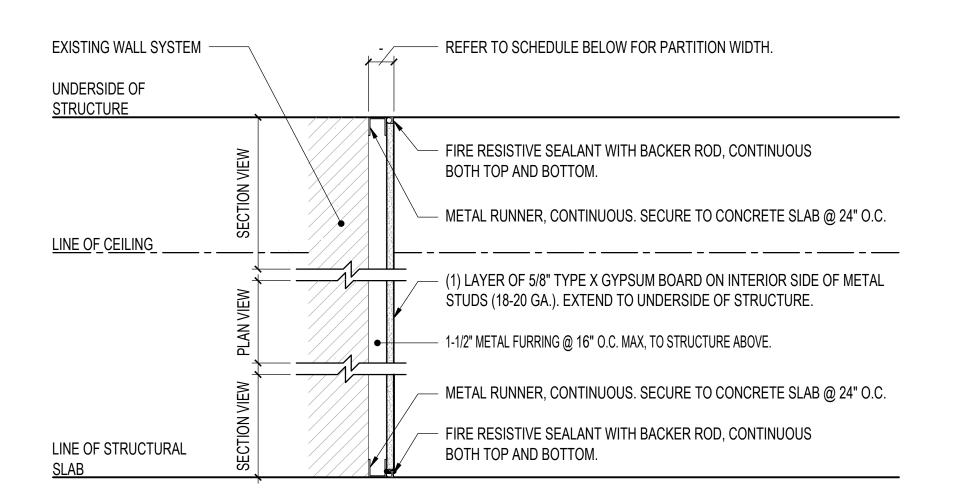






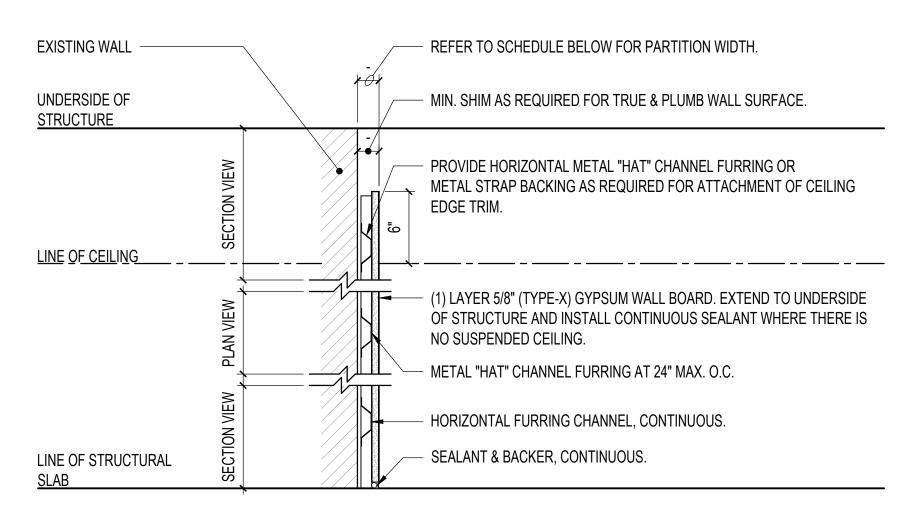
WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS	
H	(1) LAYER 5/8", ON EXPOSED SIDE	2-1/2"	6-1/8"	N/A	N/A		
H1	(1) LAYER 5/8" CBB, ON EXPOSED SIDE	2-1/2"	6-1/8"	N/A	N/A	CBB (CEMENTITIOUS BACKER BE ON TOILET ROOM SIDE	

### NON-RATED FURRING PARTITION AT EXISTING EXTERIOR WALL

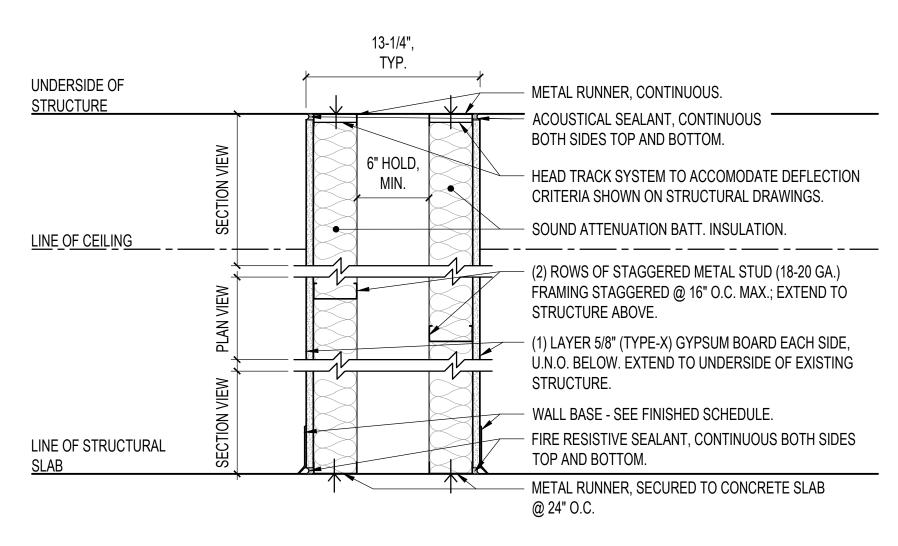


WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS
N	(1) LAYER 5/8" (TYPE-X) INTERIOR SIDE	1-1/2"	N/A	N/A	N/A	

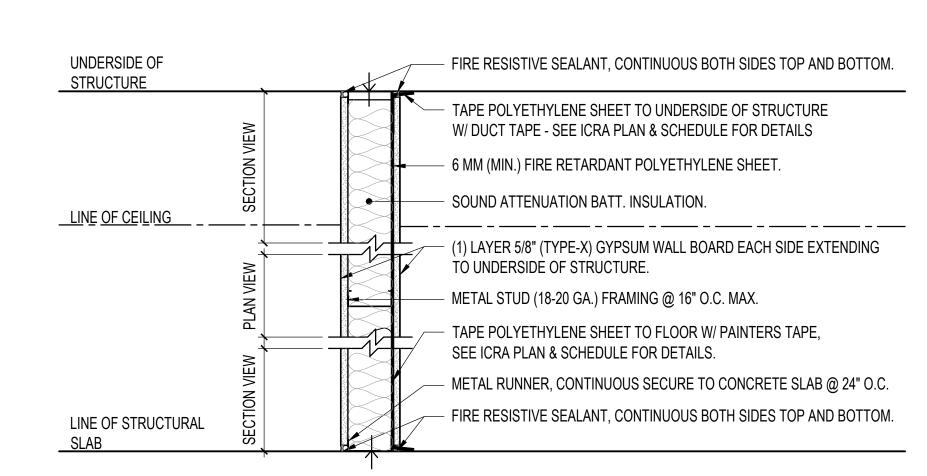
N	TYPICAL EXISTING PARTITION WITH FIRE RATED PARTITION
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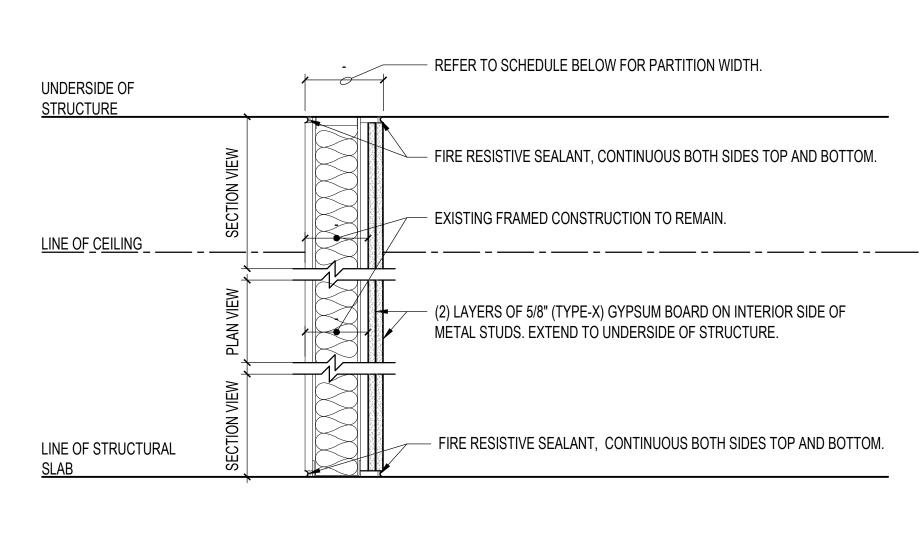
WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS		
	(1) LAYER 5/8" (TYPE-X), ON EXPOSED SIDE	7/8"	1-1/4"	N/A	N/A	<del></del>		
J1	(1) LAYER 5/8" CBB, ON EXPOSED SIDE	7/8"	1-1/4"	N/A	N/A	CBB (CEMENTITIOUS BACKER BD.) AT TOILET ROOM OR HAC		
J NON-RATED FURRING PARTITION AT EXISTING WALL								



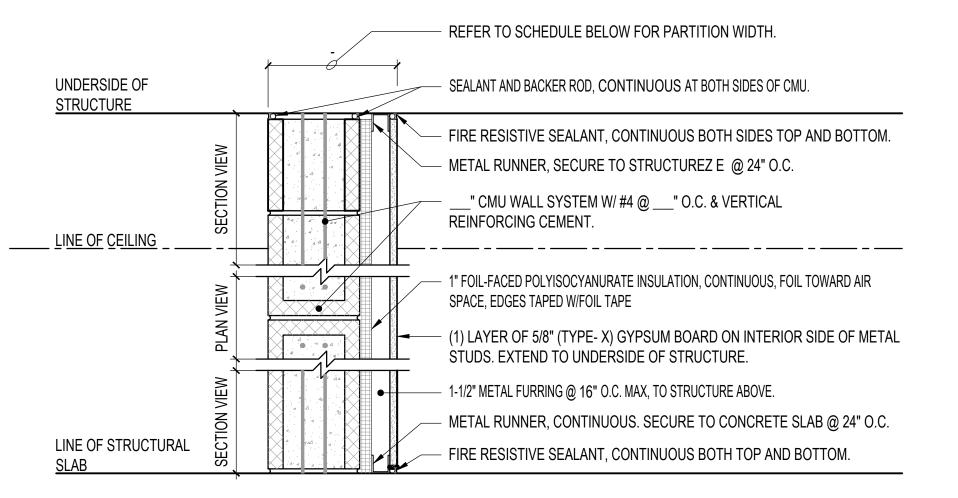
WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS	
Р	(2) LAYERS 5/8" (TYPE-X)	3-5/8"	13-1/4"	1HR	U493	CBB (CEMENTITIOUS BACKER BD.) ON BOTH SIDES	
P TYPICAL RATED PLUMBING CHASE PARTITION							



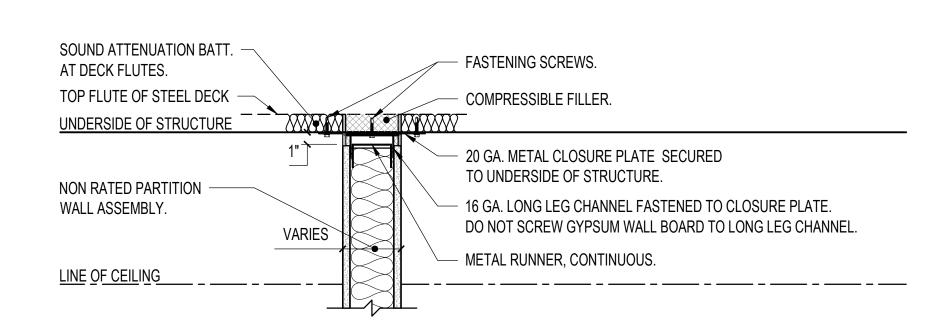
WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS
K	(1) LAYER 5/8" (TYPE-X) EACH SIDE	3-5/8"	4-7/8"	1HR	U419	
K TEMPORARY RATED ICRA PARTITION ASSEMBLY						



WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS	
Q	(2) LAYERS 5/8" (TYPE-X) ON EXPOSED SIDE	N/A	N/A	2HR	U408		
Q	TYPICAL EXISTING PARTITION WITH FIRE RATED PARTITION						



WALL TAG	GYPSUM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS		
M	(1) LAYER 5/8" (TYPE-X) INTERIOR SIDE	1-1/2"	N/A	N/A	N/A			
M TYPICAL MASONRY WITH FIRE RATED PARTITION								



1 DETAIL - NON-RATED	SLIP JOINT CONNECTION AT METAL DECK
SOUND ATTENUATION BATT.  AT DECK FLUTES.  TOP FLUTE OF STEEL DECK.  1"	FASTENING SCREWS.  COMPRESSIBLE FILLER.
UNDERSIDE OF STRUCTURE	
COMPRESSIBLE FILLER PER FIRE RATED ASSEMBLY AS REQUIRED, BOTH SIDES.	20 GA. METAL CLOSURE PLATE SECURED TO UNDERSIDE OF STRUCTURE.  16 GA. LONG LEG CHANNEL FASTENED TO CLOSURE PLATE. DO NOT SCREW GYPSUM WALL BOARD TO LONG LEG CHANNEL.
LINE OF CEILING	METAL RUNNER, CONTINUOUS.
RATED PARTITION WALL ASSEMBLY.	<u>6464                                   </u>

### DETAIL - RATED SLIP JOINT CONNECTION AT METAL DECK

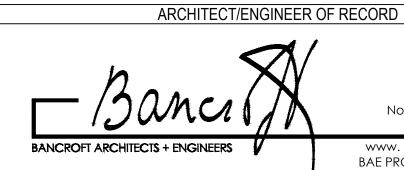
# PARTITION TYPES GENERAL NOTES

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- 4. ALL PARTITIONS: MINIMUM STC RATING SHALL BE \_\_\_, UNLESS NOTED OTHERWISE.

# 06/02/2023 - ISSUE FOR BID

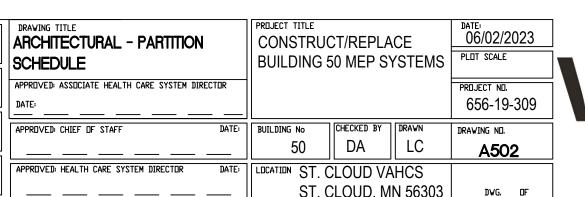
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No	REVISI□N	DATE

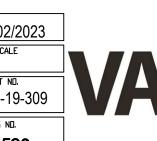
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2-23 License # 56382



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www.bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

DATE: APPROVED: SERVICE LINE DIRECTOR DATE: APPROVED: INFECTION CONTROL NURSE APPROVED: GEMS PROJECT MANAGER DATE: APPROVED: PATIENT SAFET APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE DATE: APPROVED: SAFETY MANAGER 





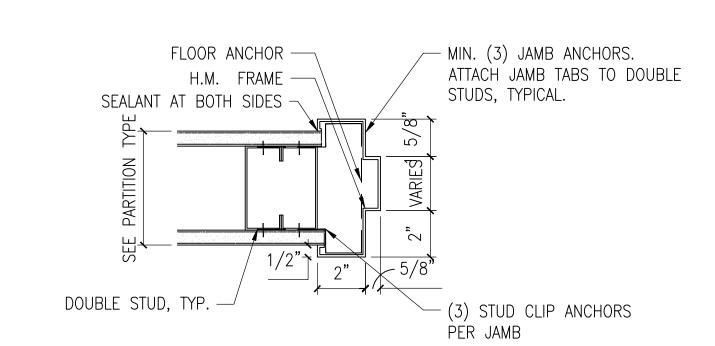


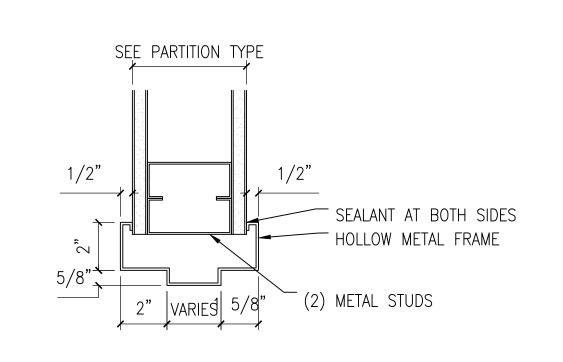
**DOOR SCHEDULE FOURTH FLOOR** ROOM FIRE RATING HARDWARE SEE MARK ROOMNAME **REMARKS** NUMBER WIDTH HEIGHT THICKNESS MATERIAL FINISH TYPE FRAME MATERIAL FRAME FINISH FRAME TYPE LABEL 087100 MECHANICAL 7'-0" 7'-0'' RV-1 A, B, C, D, F, I, K HM HW-11C 2A STORAGE 2A 3'-0" 7'-0" 1-3/4" HM RV-1 D1 НМ P-2 F1 HW-5G A, B, C, D, F, I, K

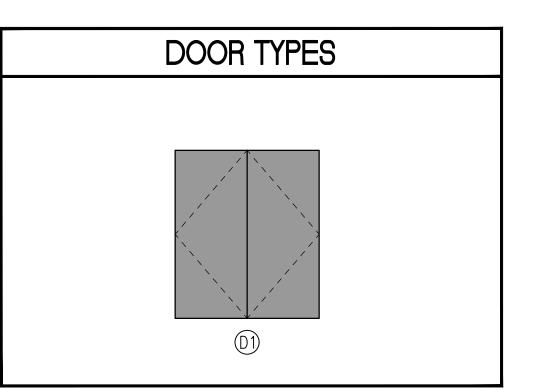
REMARKS

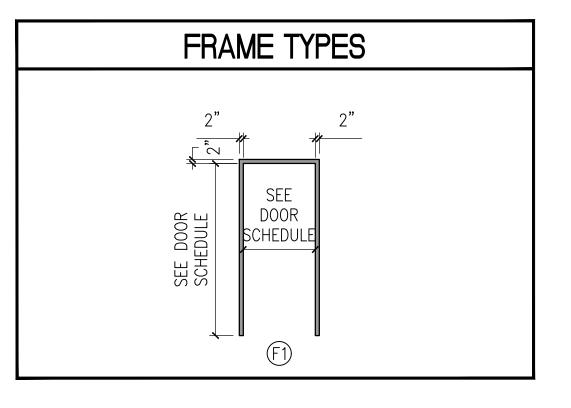
- A. CONTRACTOR SHALL REVIEW HARDWARE SETS WITH OWNER PRIOR TO ORDERING B. DOOR HINGES SHALL MEET VA HANDBOOK 0730 FOR SECURITY AND LAW ENFORCMENT
- C. BASIS OF DESIGN: ASSA ABLOY
- D. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING FRAMES AND/OR DOORS
- E. REFER TO SECTION 08 80 00 FOR GLAZING SPECIFICATIONS.
- F. SEE A600 FOR FRAME ELEVATIONS.
- G. BASIS OF DESIGN:
- H. CONTRACTOR TO INSTALL SIGNAGE ON DOORS
- I. REFER TO SPEC SECTION 08 71 00 FOR HARDWARE SETS
- J. CROSS CORRIDOR DOORS TO COMPLY WITH NFPA 101 18.3.7 K. PROVIDE 3/4" UNDERCUT

LEGEND SCWD = SOLID CORE WOOD DOOR ETR = EXISTING TO REMAIN P-2 = PAINTED HM = HOLLOW METAL











EXISTING STEEL LINTEL -

DRIP EDGE FLASHING SET IN SEALANT. SLOPE FOR POSITIVE

BACKER ROD AND SEALANT -

LOUVER. SEE MECHANICAL FOR —

DRIP EDGE FLASHING SET IN —

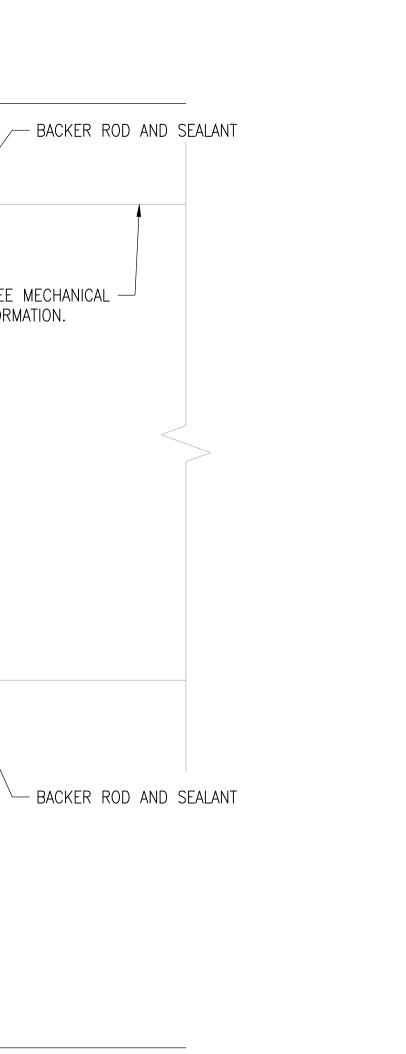
SEALANT W/END DAMS ON BOTH SIDES. SLOPE FOR

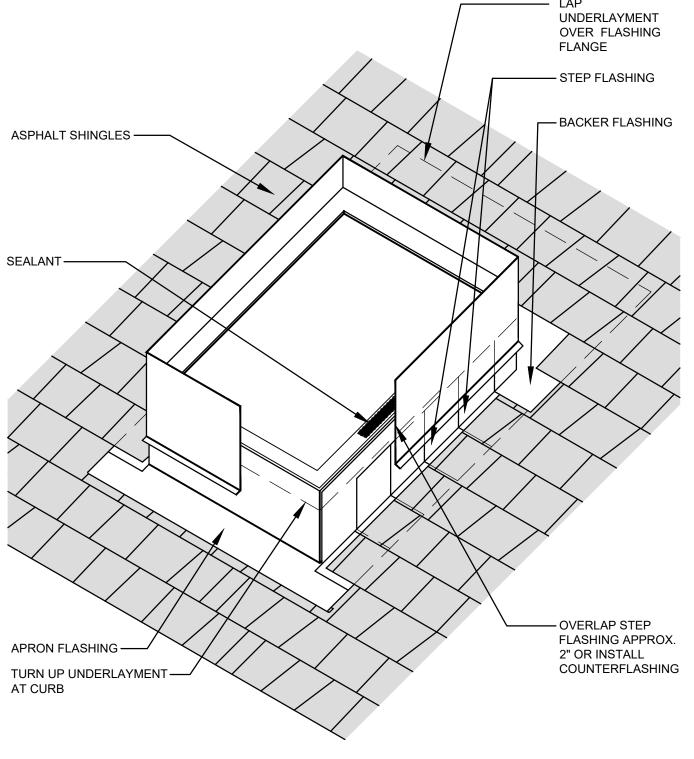
POSITIVE DRAINAGE.

MORE INFORMATION

DRAINAGE

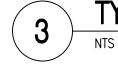






NOTES:

1. WHERE DEEMED NECESSARY, HOLD SHINGLES UP ONE COURSE DEPENDING ON ANTICIPATED DEBRIS AND/OR SNOW ACCUMULATION. 3. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

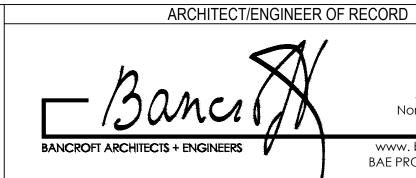




06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/2
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/2
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/2
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE

i hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Date 6-2-23 License # 56382



,	
	3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362
	www. bancroft-ae.com BAE PROJECT NO. 18-116

APPROVED: PROJECT COR

_	APPROVED: PROJECT COR	DATE:	APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
			APPROVED: GEMS PROJECT MANAGER	DATE:	APPROVED: PATIENT SAFETY	DATE:
			APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
			ADDREWED PROCESS SUG			
			APPROVED: DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:

METAL DUCT. SEE MECHANICAL —

FOR MORE INFORMATION.

		00/02/	2020	- 100		OIX	
	DRAWING TITLE ARCHITECTURAL - DOOR	PROJECT TITLE CONSTRUC	T/REPLA	.CE	DATE: 06/02/2	023	
_	SCHEDULE + DETAILS	BUILDING 5	0 MEP SY	YSTEMS	PLOT SCALE		\
_	APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR  DATE:				PROJECT NO. 656-19-	309	
	APPROVED: CHIEF OF STAFF DATE:	BUILDING No	CHECKED BY	DRAWN	DRAWING ND.		1
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	APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:		CLOUD VA		DWG.	OF .	
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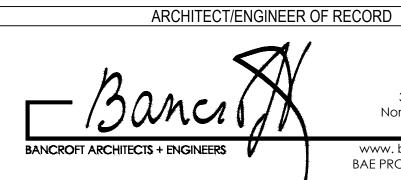


14-11		<u> </u>	ROOM FINISH LEGE		00:=:==
KEY FLOOR	MATERIAL	MFR./ DESIGN BASIS	PRODUCT PROPERTIES	STYLE/COLOR	CONTACT
QT-1	QUARRYTILE	DALTILE	UNGLAZED QUARRY TILE 1/2IN THICK; 1/8" GROUT	QUARRY TILE; RED BLAZE 0Q40; 6X6	
CS-1	SEALED CONCRETE	SHERMIN WILLIAMS OR APPROVED EQUAL	SEALANT FOR CONCRETE	CLEAR/MATT FINISH	
TS-1	TRANSITION STRIP	SCHLUTER	STAINLESS STEEL	RENO-U REDUCER 1/2" BRUSH STN STEEL; EBU125	
WALL E	BASE				
VB-1	VINYL BASE	VPI	1/8" COVE VINYL	4" FAWN COLOR	
PT-1	PORCELAIN TILE	DALTILE	UNGLAZED QUARRY TILE 1/2IN THICK	QUARRYTILE; RED BLAZE 0Q40; ROUND TOP COVE Q3565 5X6	
WALL F	FINISH				
P-1	PAINT/WALL (FIELD)	BENJAMIN MOORE	ECO SPEC-	MATT FINISH/COLOR: WHITE (GRAY) #962	
P-2	PAINT/WALL (HOLLOW METAL BENJAMIN MOORE FRAMES & DOORS)		ACRYLIC	ULTRA SPEC/HP DTM/ACRYLIC LOW LUSTER/HP 25/COLOR: 60 BRONZE TONE	
PT-2	CERAMIC TILE (FIELD)	DALTILE	GLAZED CERAMIC TILE/MATT FINISH		
CEILIN	G				
AT-1	ACOUSTICAL CEILING TILE	USG	WET FORMED MINERAL FIBER, TYPE IV, FIRE CLASS A, 88% BIOBASED CONTENT/0.85 NRC/28 CAC	USG 2110 2'X2' MATCH EXISTING	
AT-2	ACOUSTICAL CEILING TILE	USG	GLASS FIBER BASE WITH MEMBRANE FACED OVERLAY, TYPE XII, FIRE CLASS A, 40% RECYCLED CONTENT/0.95 NRC/20 CAC	HALYCON HEALTHCARE ACOUSTICAL PANEL 2'X2'	
MISCEL	LANEOUS FINISHES				<u> </u>
GT-1	GROUT(FLOOR)	BOSTIK OR APPROVED EQUAL	URETHANE/PRE-MIXED	TRUCOLOR RAPID CURE/COLOR:	
GT-2	GROUT(WALL)	BOSTIK OR APPROVED EQUAL	URETHANE/PRE-MIXED	TRUCOLOR RAPID CURE/COLOR:	
RV-1	DOOR	ASSA ABLOYOR APPROVED EQUAL	THERMAL FUSED/1- 3/4"/STRUCTURALLY ENGINEERED PARTICLE BOARD CORE/.04" THICK EDGEBANDING	MAIMANCOLOR: TBD	

ROOM NO.	ROOM NAME	FLOOF	₹	BASE							WAL	LS					CEI	LING REMARKS
		FLOOR MATERIAL	FLOOR COLOR	BASE MATERIAL	BASE COLOR	NORTH			EAST			SOUTH			WEST		ТҮРЕ	FINISH
						MATERIAL	FINISH	COLOR										
2	MECHANICAL	CONCRETE	SC-1	VINYL	VB-1	GYP.	PAINT	P-1										
7	KITCHEN TRAY SERVICE	QUARRY TILE	QT-1	QUARRY TILE	QT-1	GYP	PORCELAIN TILE	PT-1	GYP	PORCELAIN TILE	PT-1	GYP	PORCELAIN TILE	PT-1	GYP	PORCELAIN TILE	PT-1 ACT	AT-1
10	KITCHEN DISHWASHING	QUARRY TILE	QT-1	QUARRY TILE	QT-1	GYP	PORCELAIN TILE	PT-1	GYP	PORCELAIN TILE	PT-1	GYP	PORCELAIN TILE	PT-1	GYP	PORCELAIN TILE	PT-1 ACT	AT-1

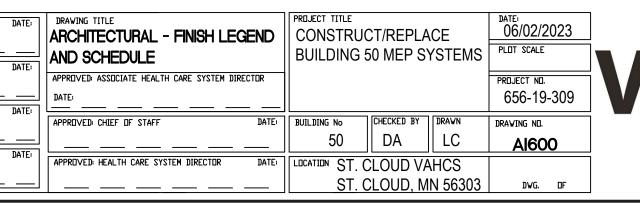
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA
Signature: DENNIS J MIKA Date 6-2-23 License # 56382



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116









### FIRE PROTECTION GENERAL NOTES

GENERAL NOTES FOR CONTRACTORS: SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.

EQUIVALENCY SUBSTITUTIONS: THE "BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS" ARE TO BE FOLLOWED FOR ALL MATERIALS, EQUIPMENT, ASSEMBLIES AND SYSTEMS SPECIFIED AND DETAILED THROUGHOUT ALL DRAWINGS AND SPECIFICATION SECTIONS, WHETHER THE BOD DESIGNATE IS SPECIFICALLY REFERENCED THEREIN OR NOT. SEE THE GENERAL DRAWINGS SECTION FOR THE SPECIFIC BOD COMPLIANCE REQUIREMENTS AND PROTOCOLS TO BE FOLLOWED.

- THIS CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS: INCLUDING BUT NOT NECESSARILY LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL DRAWIINGS AND ENTIRE PROJECT MANUAL. THIS CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF HIS WORK. THE CONTRACTOR SHALL FULLY COORDINATE HIS WORK WITH THE INSTALLATION OF HIS WORK WITH THE INSTALLATION OF WORK BY OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE SCOPE OF WORK AT NO ADDITIONAL CHARGE TO THE VA/GOVERNMENT.
- THIS CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS. VISIT THE SITE OF THE WORK AND FULLY INFORM THEMSELVES AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THIS CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS, OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE VA/COR AT ONCE, IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEW WORK. OR BETWEEN THEIR WORK AND THE WORK OF THEIR TRADES AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSTRUED AS TO INDICATE NO DISCREPANCIES OR CONFLICTING CONDITIONS EXIST.
- 3. THE DRAWINGS INDICATE DIAGRAMMATICALLY THE INTENT, GENERAL CHARACTER, REQUIREMENTS AND LOCATION OF THE WORK SHOWN AND INCLUDED. THE WORK INDICATED BUT HAVING MINOR DETAILS OBVIOUSLY OMITTED SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE VA/GOVERNMENT.
- 4. THIS CONTRACTOR IS REQUIRED TO BID, AS SPECIFIED, ON THE DRAWINGS WITHOUT DEVIATION FROM THE BASIS-OF-DESIGN.
- 5. IT IS THE INTENT OF THESE DOCUMENTS THAT THE FIRE PROTECTION CONTRACTOR PROVIDE ALL LABOR. MATERIAL. EQUIPMENT AND TOOLS FOR THE COMPLETE INSTALLATION OF ALL WORK SHOWN ON THE PLANS AND/OR DESCRIBED HEREIN. INCLUDING ALL DEVICES, CONTROLS AND APPURTENANCES REQUIRED TO SET NEW SYSTEMS INTO OPERATION.
- 6. SHOULD CONDITIONS NECESSITATE ANY REARRANGEMENTS, OR IF PIPING CAN BE RUN TO BETTER ADVANTAGE. PREPARE AND SUBMIT SHOP DRAWINGS SHOWING THE CHANGES BEFORE PROCEEDING WITH THE WORK. IF SUCH CHANGES ARE APPROVED BY THE VA/COR AND SUCCESSFULLY REVIEWED BY THE A/E THEY SHALL BECOME A PART OF THE CONTRACT.
- THIS CONTRACTOR SHALL VERIFY ALL MOUNTING, ALL ARRANGEMENTS, HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN. ANY MENTION OF A SPECIFIC MOUNTING ARRANGEMENT, WEIGHT OR LOCATION SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO VERIFY THE SPECIFIC REQUIREMENT FURNISHED OR THE OTHER TRADES WORKING IN THE SAME AREA. NO ADDITIONS TO THE CONTRACT SUM WILL BE PERMITTED FOR ITEMS INSTALLED IN WRONG LOCATIONS, IN CONFLICT WITH OTHER WORK, ETC.
- 8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT FEDERAL BUILDING CODES, REGULATIONS, AND REQUIREMENTS, LOCAL UTILITY COMPANY REQUIREMENTS, NFPA, IPC, AND ASHRAE STANDARDS. ALL COMPONENTS SHALL BE UL LISTED AND FM APPROVED.

- THIS CONTRACTOR SHALL PAY ALL PERMIT FEES, PLAN REVIEW FEES, LICENSE FEES, INSPECTIONS. AND TAXES APPLICABLE TO THEIR DIVISION AND SHALL BE INCLUDED IN THE BASE BID AS PART OF THEIR CONTRACT.
- 10. THIS CONTRACTOR SHALL BE LICENSED, BONDED, INSURED AND CAPABLE OF PERFORMING QUALITY WORKMANSHIP. THIS CONTRACTOR GUARANTEES ALL OF HIS WORK AND MATERIALS FOR THE PERIOD OF ONE YEAR. FROM FINAL ACCEPTANCE BY THE VA/GOVERNMENT.
- 11. THIS CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF WORK, COMPLYING WITH ALL APPLICABLE PROVISIONS OF CITY, STATE, AND FEDERAL SAFETY LAWS (OSHA) AND AS RECOMMENDED IN THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" AS ISSUED BY THE ASSOCIATION OF GENERAL CONTRACTORS OF AMERICA, IN., 20TH AND E. STREETS, N.W. WASHINGTON, D.C.
- 12. THIS CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE PURCHASE, DELIVERY, RECEIVING, UNLOADING, UNCRATING, STORING, SETTING IN PLACE, AND PROTECTING ALL NEW EQUIPMENT FURNISHED BY THIS CONTRACTOR AND EQUIPMENT FURNISHED BY VA/GOVERNMENT FROM DAMAGE BY VANDALISM AND WEATHER DURING CONSTRUCTION.
- 13. THIS CONTRACTOR SHALL PROVIDE A COMPETENT OPERATING TECHNICIAN TO INSTRUCT THE VA/GOVERNMENT IN THE OPERATION AND MAINTENANCE OF THE NEW EQUIPMENT.
- 14. UPON COMPLETION OF THE WORK, THIS CONTRACTOR SHALL REVIEW AND CHECK THE ENTIRE PORTION OF WORK, CLEAN EQUIPMENT AND DEVICES. REMOVE SURPLUS MATERIALS AND RUBBISH FROM THE PROPERTY AND LEAVE THE WORK IN NEAT AND CLEAN ORDER AND IN COMPLETE WORKING CONDITION. EACH RESPECTIVE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY CARTONS, DEBRIS, EQUIPMENT, ETC., INSTALLED BY THIS CONTRACTOR INCLUDING EQUIPMENT FURNISHED BY OTHERS AND UNPACKED OR REMOVED FROM CARTONS BY THIS CONTRACTOR.
- THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL STRUCTURAL STEEL MEMBERS, SLEEVES, AND SHIMS REQUIRED TO LEVEL AND SUPPORT EQUIPMENT AND PIPES.
- 16. BEFORE PLACING WATER SYSTEM IN OPERATION, CHLORINATE ENTIRE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS AND IN CONJUNCTION

WITH ALL LOCAL, STATE AND FEDERAL PLUMBING CODES, SUPPLY CERTIFICATE.

- 17. EXISTING SERVICE VALVES AT ALL BRANCH SUPPLY PIPING SHALL REMAIN AS IS. SUCH SERVICE VALVES SHALL BE AS PER THE SPECIFICATIONS AND/OR IN KEEPING WITH THE FACILITY STANDARDS.
- SPRINKLER HEADS SHALL BE LOCATED IN CEILING GRID IN A SYMMETRICAL PATTERN, COORDINATED WITH OTHER DEVICES MOUNTED IN OR ON THE CEILING. PROVIDE ADDITIONAL SPRINKLER HEADS REQUIRED TO ACHIEVE SYMMETRY. LOCATE SPRINKLER HEADS IN THE CENTER OF CEILING TILES.
- 19. SPRINKLER CONTRACTOR SHALL PROVIDE A COORDINATED REFLECTED CEILING PLAN AS PART OF THE SUBMITTAL TO THE VA/COR SHOWING SPRINKLER HEAD LOCATIONS COORDINATED WITH CEILING AND ALL OBJECTS MOUNTED IN OR ON THE CEILING.
- 20. THE SPRINKLER CONTRACTOR SHALL BE A LICENSED. AUTHORIZED INSTALLER OF COMMERCIAL SPRINKLER SYSTEM AND SHALL HAVE HAD A MINIMUM OF THREE (3) YEARS OF EXPERIENCE IN THE INSTALLATION OF SPRINKLER SYSTEMS.
- 21. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE DESIGN OF THE SPRINKLER SYSTEM AND TO SUBMIT HYDRAULIC CALCULATIONS PER NFPA 13 IN SUBMITTAL OF SHOP DRAWINGS AND FOR THE COMPLETE DESIGN OF THE SPRINKLER SYSTEM. THE SPRINKLER SYSTEM SHALL BE:
- A. A DESIGNED SYSTEM IN ACCORDANCE WITH NFPA 13, 2019 AND SPECIFICATION.
- B. DESIGNED TO CONFORM WITH BUILDING STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEM, AS INDICATED AND DESCRIBED ON THE CONTRACT DOCUMENTS.
- C. ACCEPTABLE TO THE FIRE MARSHAL AND OR VA.

- 22. THE SPECIFICATIONS, THE CONTRACTOR SHALL SUBMIT FOR (VA), FULLY COORDINATED SHOP DRAWINGS OF SPRINKLER HEADS, HANGERS AND SUPPORTS. DESIGN PLAN SHALL BE PREPARED AND SIGNED/SEALED BY A REGISTERED FIRE PROTECTION ENGINEER IN ACCORDANCE WITH UCF REQUIREMENT.
- 23. THE SPRINKLER SYSTEM SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL FIRE PROTECTION CODE, AND VA.
- 24. THE CONTRACTOR SHALL ARRANGE FOR INSPECTION AND TEST OF ANY OR ALL PARTS OF THE WORK AS REQUIRED BY THE VA AND PAY ALL CHARGES FOR SAME.
- 25. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ACCURATE FLOW TEST DATA OR PERFORMING AN UPDATED FLOW TEST AS PER NFPA 13 AND NFPA 25.
- 26. AREA SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENT FOR OCCUPANCY PER NFPA 13.
- 27. THE AUTOMATIC WET FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN SUCH A MANNER TO PREVENT THE SYSTEM PIPING OR SPRINKLERS HEADS EXPOSURE TO TEMPERATURES LESS THAN 40 DEGREES F.
- 28. PAINT NEW SPRINKLER PIPING RED AND LABEL PER NFPA 13.
- 29. CONTRACTOR SHALL PROVIDED COORDINATED PIPE SLEEVE DRAWINGS SHOWING ALL PENETRATIONS THROUGH FLOORS.
- 30. PROVIDE OR EXTEND STANDPIPE SYSTEM IN ACCORDANCE WITH NFPA 14.
- 31. ALL FIRE PROTECTION VALVES SHALL BE "ELECTRICALLY" SUPERVISED.
- 32. CONTRACTOR SHALL PROVIDED COORDINATED PIPE SLEEVE DRAWINGS SHOWING ALL PENETRATIONS THROUGH FLOORS.
- 33. INSTALLER QUALIFICATIONS: CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE DESIGNING, FABRICATING AND INSTALLING FIRE-SUPPRESSION SYSTEMS AND PROVIDING PROFESSIONAL ENGINEERING SERVICES NEEDED TO ASSUME ENGINEERING RESPONSIBILITY. CALCULATIONS BASED ON RESULTS OF THE FIRE-HYDRANT FLOW TEST(S) THEY PERFORM.
- A. ENGINEERING RESPONSIBILITY: PREPARATION OF WORKING PLANS, CALCULATIONS, AND FIELD TEST REPORTS BY A QUALIFIED PROFESSIONAL FIRE PROTECTION
- 34. WELDING: QUALIFY PROCESSES AND OPERATORS ACCORDING TO ASME BOILER AND PRESSURE VESSEL CODE, SECTION IX.
- 35. NFPA STANDARDS: FIRE SUPPRESSION SYSTEM EQUIPMENT, SPECIALTIES, ACCESSORIES, INSTALLATION AND TESTING SHALL COMPLY WITH THE FOLLOWING:
- A. NFPA 13, 2019 INSTALLATION OF SPRINKLER SYSTEMS. B. NFPA 101, 2018 LIFE SAFETY CODE.
- C. NFPA 72, 2019 FIRE ALARM CODE.
- 36. FIRE-SUPPRESSION SPRINKLER SYSTEM DESIGN SHALL BE APPROVED BY THE (VA).
- A. MARGIN OF SAFETY FOR AVAILABLE WATER FLOW AND PRESSURE: 10 PERCENT, INCLUDING LOSSES THROUGH WATER-SERVICE PIPING, VALVES, AND BACKFLOW PREVENTERS.
- 37. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE VA/COR A COMPLETE LIST OF ITEMS TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT, INCLUDING, BUT NOT BE LIMITED TO THE FOLLOWING:
- A. DIMENSIONED SHOP DRAWINGS OF MATERIALS AND FIXTURES. DIMENSIONED SHOP DRAWINGS OF EQUIPMENT AND PIPING PLAN LAYOUT(S).

### 38. REQUIRED ITEMS TO BE SUBMITTED SHALL INCLUDE. BUT NOT BE LIMITED TO THE FOLLOWING:

- A. PRODUCT DATA.
- WORK SHALL MAINTAIN EXISTING PIPE SIZES. FIELD QUALITY-CONTROL TEST REPORTS.
- FIELD TEST CERTIFICATES.
- E. OPERATION AND MAINTENANCE DATA.
- 39. SEISMIC PERFORMANCE: FIRE-SUPPRESSION PIPING SHALL BE CAPABLE OF WITHSTANDING THE EFFECTS OF EARTHQUAKE MOTIONS DETERMINED ACCORDING NFPA 13 AND APPLICABLE CODE REQUIREMENTS. ASCE 7, VA 11-18-8. REFER TO ARCHITECTURAL DESIGN FOR SEISMIC HAZARD LEVEL CLASSIFICATIONS.
- 40. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE VA/COR A COMPLETE LIST OF ITEMS TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. INCLUDING, BUT NOT BE LIMITED
- A. DIMENSIONED SHOP DRAWINGS OF MATERIALS, FIXTURES AND EQUIPMENT. B. DIMENSIONED SHOP DRAWINGS OF EQUIPMENT AND PIPING PLAN LAYOUT(S).

### 41. FLEXIBLE CONNECTORS:

- A. FLEXIBLE CONNECTORS SHALL HAVE MATERIALS SUITABLE FOR SYSTEM FLUID. INCLUDE 175 PSIG MINIMUM WORKING-PRESSURE RATING AND ENDS ACCORDING TO THE FOLLOWING:
- a. NPS 2 AND SMALLER: THREADED.
- b. NPS 2-1/2 AND LARGER: GROOVED FOR USE WITH GROOVED-END PIPE COUPLINGS.
- B. STAINLESS-STEEL-HOSE/STEEL PIPE, FLEXIBLE CONNECTORS: CORRUGATED, STAINLESS-STEEL, INNER TUBING COVERED WITH STAINLESS-STEEL WIRE BRAID. INCLUDE STEEL NIPPLES OR FLANGES, WELDED TO HOSE.
- C. STAINLESS-STEEL-HOSE/STAINLESS-STEEL PIPE, FLEXIBLE CONNECTORS: CORRUGATED STAINLESS-STEEL, INNER TUBING COVERED WITH STAINLESS-STEEL WIRE BRAID. INCLUDE STAINLESS-STEEL NIPPLES OR FLANGES, WELDED TO HOSE.
- D. ALL CONNECTORS AND FLEXIBLE HOSES SHALL BE FM APPROVED.
- 42. EXISTING FIRE PROTECTION SPRINKLER PROTECTION SYSTEM:
- A. THE EXISTING FIRE SPRINKLER SYSTEM SHALL BE OPERATIONAL THROUGHOUT THE PROJECT.
- B. THE SYSTEM MAY ONLY BE NON-OPERATIONAL FOR SCHEDULED SHUTDOWNS. THIS SHALL NOT EXCEED 16 HOURS WITHIN A 24 HOUR PERIOD.
- C. THE CONTRACTOR SHALL BE MORE THAN 4 HOURS IN AN OCCUPIED BUILDING. THIS WILL REQUIRE DEDICATED PERSONNEL TO PERFORM THE FIRE WATCH WITH NO OTHER TASK PERFORMED.
- D. FIRE PROTECTION CONTRACTOR SHALL NOTIFY VA/COR OF FIRE SUPPRESSION SYSTEM SHUT-DOWN 72 HOURS PRIOR TO SYSTEM SHUT-DOWN IN WRITING AND RECEIVE AUTHORIZATION RESPONSE.
- E. INSTALL TEMPORARY UPRIGHT SPRINKLERS IN ROOMS/AREAS WHERE THE CEILING SYSTEM IS BEING REMOVED FOR MORE THAN A WORK SHIFT AT A TIME.

-	IRE PROTECTION BBREVIATION LIST
SYMBOL	DESCRIPTION
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
DP	DRY PENDENT
DSV	DRY SYSTEM VALVE
DN	DOWN
DS	DATA SHEET
EC	EXTENDED COVERAGE
EX	EXISTING
FHV	FIRE HOSE VALVE
FM	FACTORY MUTUAL
FP	FIRE PROTECTION
FMP	FIRE MAINTENANCE PUMP
FPC	FIRE PROTECTION CONTRACTOR
FT	FEET
GC	GENERAL CONTRACTOR
QR/QRS	QUICK RESPONSE
IN	INCH
JP	JOCKEY PUMP
"K"	SPRINKLER K-FACTOR
PC	PLUMBING CONTRACTOR
SPR	SPRINKLER RESPONSE
SR	STANDARD RESPONSE
SS	STANDPIPE SYSTEM
SSP	STANDARD PENDENT SPRINKLER
SSU	STANDARD UPRIGHT SPRINKLER
STND	STANDARD
THR	THREADED
WS	WET STANDPIPE SYSTEM

SYMBOL	DESCRIPTION
	SCOPE OF WORK BOUNDARY
—— SP ——	FIRE SPRINKLER PIPING
—— SS ——	STANDPIPE SYSTEM PIPING
$\overline{\qquad}$	CHECK VALVE
<del></del>	GATE VALVE WITH TAMPER SWITCH
	CONTROL PANEL
	SWING CHECK VALVE
	OS&Y VALVE W/TAMPER SWITCH
TS by	OS&Y ZONE CONTROL VALVE W/TAMPER SWITCH
FS	FLOW SWITCH
PS	PRESSURE SWITCH
P	PRESSURE GAUGE
$\bowtie$	INSPECTOR TEST
	SIGHT GLASS
I	UNION
HS	HORN/STROBE ALARM
$\searrow$	WALL MOUNTED FIRE DEPARTMENT CONNECTION - STD. CONNECTION
/ <u>\</u>	WALL MOUNTED FIRE DEPARTMENT CONNECTION - STORTZ CONNECTION
Q,	FREE STANDING FIRE DEPARTMENT CONNECTION — STD. CONNECTION
× ×	FREE STANDING FIRE DEPARTMENT CONNECTION — STORTZ CONNECTION
	DOUBLE CHECK DETECTOR BACKFLOW PREVENTER
<u></u>	REDUCED PRESSURE ZONE DETECTOR BACKFLOW PREVENTER
Ч	ELBOW 90
M	GATE VALVE
П	TEE PLAN
~	CONTINUATION
©	SPRINKLER HEADS TO BE DEMO
<b>•</b>	SIDEWALL SPRINKLER HEAD
0	TEE-ELBOW UP
	FIRE EXTINGUISHER CABINET
0	RISER
Q	HOSEBIB
F	FIRE ALARM PULL STATION
	FIRE ALARMS—HORN
(D)	SMOKE DETECTORS
-(S)-	STROBE LIGHT
	SHUT-OFF VALVE
	GROOVED CAP
	CAPS
	SPRINKLER ZONE
	LIGHT HAZARD GROUP 1
***************************************	ORDINARY HAZARD GROUP 1
	ORDINARY HAZARD GROUP 2

FIRE PROTECTION SYMBOL LIST

# FIRE PROTECTION SPRINKLER SYSTEM DESIGN CRITERIA (WORK SHALL MAINTAIN EXISTING PIPE SIZES)

HAZARD SYMBOL	HAZARD CLASSIFICATION	SPACE TYPE	DISCHARGE DENSITY	REMOTE AREA	MAXIMUM COVERAGE AREA PER SPRINKLER	MAXIMUM SPACING	WATER SUPPLY DURATION	OUTSIDE HOSE ALLOWANCE	TEMPERATURE CLASSIFICATION	REMARKS	NOTES
			GPM/FT <sup>2</sup>	FT²	FT²	FT.	MINUTES	GPM			
	LIGHT HAZARD	PUBLIC AREAS OFFICE AREAS PATIENT CARE PATIENT TREATMENT TOILET ROOMS PROCEDURE ROOMS	0.10	1,500	225	15	30	100	ORDINARY		1
	ORDINARY	MECH. & ELEC EQUIPMENT RM.	0.15	1,500	130	15	60-90	250	INTERMEDIATE		,
	HAZARD GROUP 1	HOUSEKEEPING CLOSET	0.15	1,500	130	15	60-90	250	ORDINARY		1
		LABORATORIES	0.15	1,500	130	15	60-90	250	ORDINARY		
		TRANSFORMER ROOMS	0.15	1,500	130	15	60-90	250	ORDINARY		
		RESWITCHGEAR ROOMS	0.15	1,500	130	15	60-90	250	ORDINARY		
		ELECTIRC CLOSET REPAIR SHOPS									
	ORDINARY HAZARD GROUP 2	STORAGE TRASH ROOMS CLEAN/SOILED UTILITY ROOMS	0.20	1,500	130	15	60-90	250	ORDINARY		1
	EXTRA HAZARD GROUP 1	N/A	0.30	2,500	130	15	90-120	1,900	ORDINARY		1
**************************************	EXTRA HAZARD GROUP 2	N/A	0.40	2,500	130	15	90-120	1,900	ORDINARY		1
	NA	EXISTING SPRINKLERS TO BE DEMOLISHED	NA	NA	NA	NA	NA	NA	NA		NA
	NA NA	NOT IN SCOPE	NA	NA	NA	NA	NA	NA	NA		NA
NOTES:											

1. WATER DEMAND REQUIREMENTS ARE FOR HYDRAULIC CALCULATION METHOD. IF OTHER METHOD IS USED ADJUST VALUES ACCORDING TO NFPA 13 REQUIREMENTS.

### FIRE PROTECTION SPRINKLER SCHEDULE RE. K-F FINISH REMARKS SYMBOL TYPE SEMI-RECESSED **COVER PLATE** DRY PENDENT

•	SEMI-RECESSED PENDENT	QR	5.6	WHITE	NOTE 2
0	UPRIGHT	QR	5.6	BRASS	NOTE 2
	SIDEWALL	QR	5.6	WHITE	NOTE 2
	DRY SIDEWALL	QR	5.6	WHITE	NOTE 2

SPRINKLER SHALL BE THE APPROPRIATE TEMPERATURE RATING FOR LOCATION AND OCCUPANCY IN ACCORDANCE WITH NFPA 13.

SPRINKLER SHALL ALIGN WITH LIGHT FIXTURES AND OTHER CEILING MOUNTED DEVICES. COORDINATE SPRINKLER LOCATIONS WITH ARCHITECT'S REFLECTED CEILING PLAN. AND PROVIDE ADDITIONAL SPRINKLERS WHERE REQUIRED TO MAINTAIN THE CEILING LAYOUT OF ALL DISCIPLINES, FIXTURES, EQUIPMENT AND WORK.

PROVIDE HIGH TEMPERATURE RATED SPRINKLERS IN VESTIBULES.

PROVIDED WITH LISTED SPRINKLER GUARD FOR INSTALLATION BELOW 7-FT AFF.

PROVIDE WHITE OVERSIZED COVERPLATE WITH CHROME SPRINKLER TO COMPLY WITH ASME 7 AND NFPA 13 FOR HORIZONTAL SEISMIC MOVEMENT.

ARCHITECT/ENGINEER OF RECORD

APPROVED: PROJECT COR

### THE THOLECTION DELEGATED DESIGN NOTE

THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND PROVIDING A COMPLETE, FUNCTIONAL, AND CODE COMPLIANT AUTOMATIC SPRINKLER SYSTEM. REFER TO GENERAL NOTES FOR ADDITIONAL DETAIL CONCERNING DESIGN, FLOW PRESSURE TEST, HYDRAULIC CALCULATIONS PER NFPA 13, 14 TO BE SUMBITTED, COORDINATION AND SHOP DRAWINGS REQUIREMENTS.

### 06/02/2023 - ISSUE FOR BID

06/02/23 S ISSUE FOR BID CONSTRUCTION DOCUMENTS (CD 2 - 100%) 4 CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22  $\beta \mid \mathsf{DESIGN} \; \mathsf{DEVELOPMENT} \; (\mathsf{DD} \; 2 - 75\%)$ 10/11/22 DESIGN DEVELOPMENT (DD 1 - 50%) 08/18/22 DESIGN DEVELOPMENT (DD 1 - 50%) 02/26/20 DATE REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota Print Name: \_\_ RAED HAMID

Date 06-01-2023 License # 57080

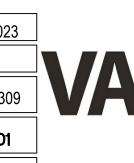


3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www.bancroft-ae.com BAE PROJECT NO. 18-116

APPROVED: GEMS PROJECT MANAGER DA	DATE:	APPROVED: PATIENT SAFETY	DATE:
<u> </u>	]	<u> </u>	
APPROVED: PROJECTS SECTION MANAGER DA	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR FMS DA	DATE:	APPROVED: SAFETY MANAGER	DATE:
<u> </u>			
	APPROVED: PROJECTS SECTION MANAGER I	APPROVED: PROJECTS SECTION MANAGER DATE:	APPROVED: PROJECTS SECTION MANAGER DATE:  APPROVED: CHIEF OF POLICE I

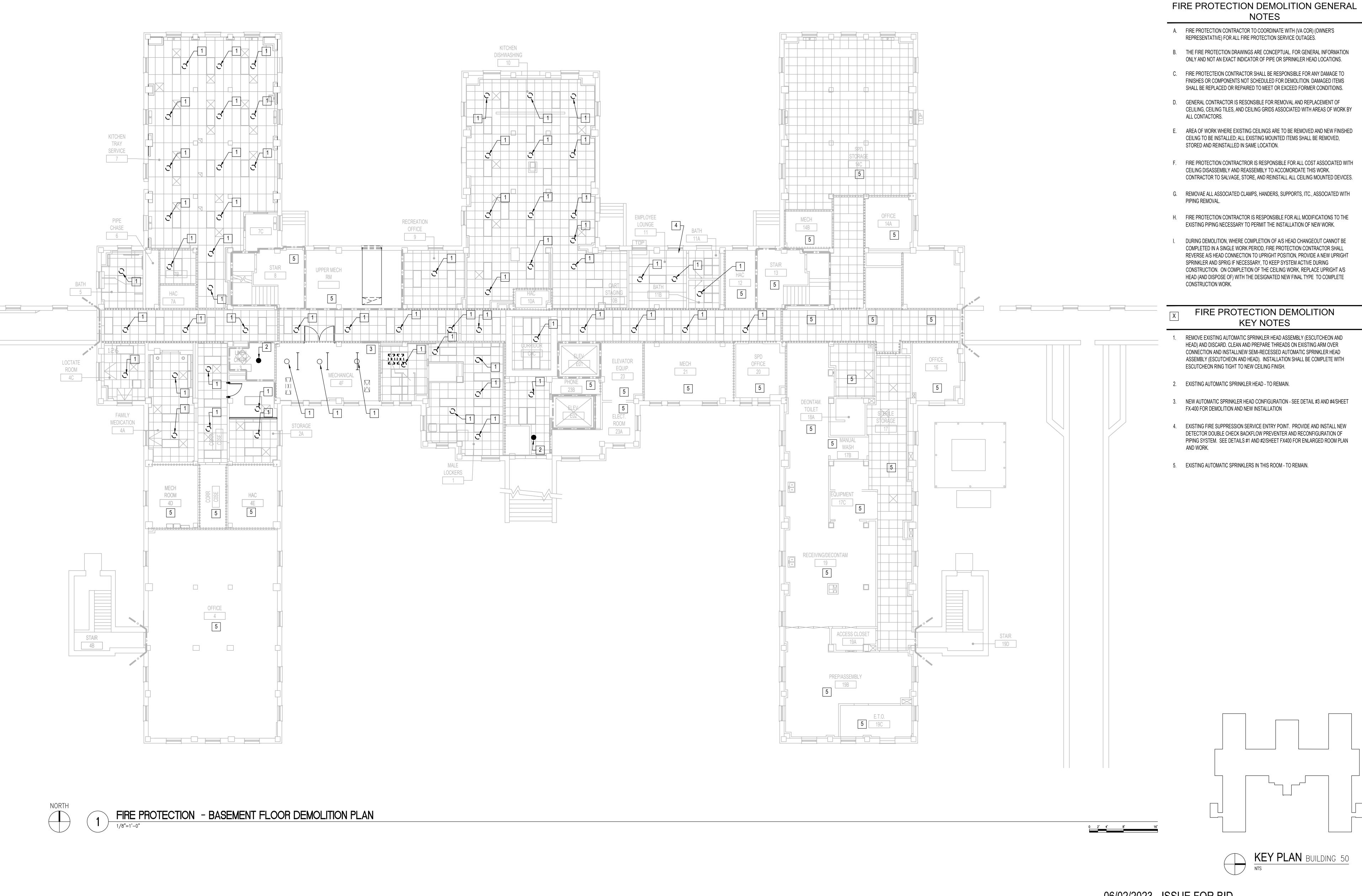
DATE: | APPROVED: SERVICE LINE DIRECTOR | DATE: | APPROVED: INFECTION CONTROL NURSE

	00/02/2020 1000E 1 010
PROTECTION - GENERAL NOTES, SYM, AND ABBREV	PRIJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS  DATE: 06/02/2023 PLUT SCALE
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR  DATE:	PREJECT NO. 656-19-309
APPROVED: CHIEF OF STAFF DATE:	BUILDING No CHECKED BY TH DRAWN DRAWING ND.  TH FXO01
APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:	ST. CLOUD, MN 56303

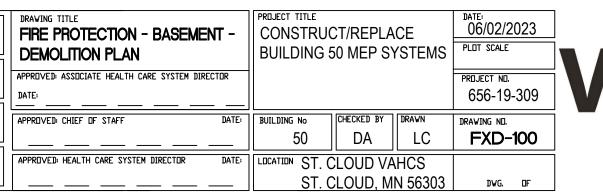






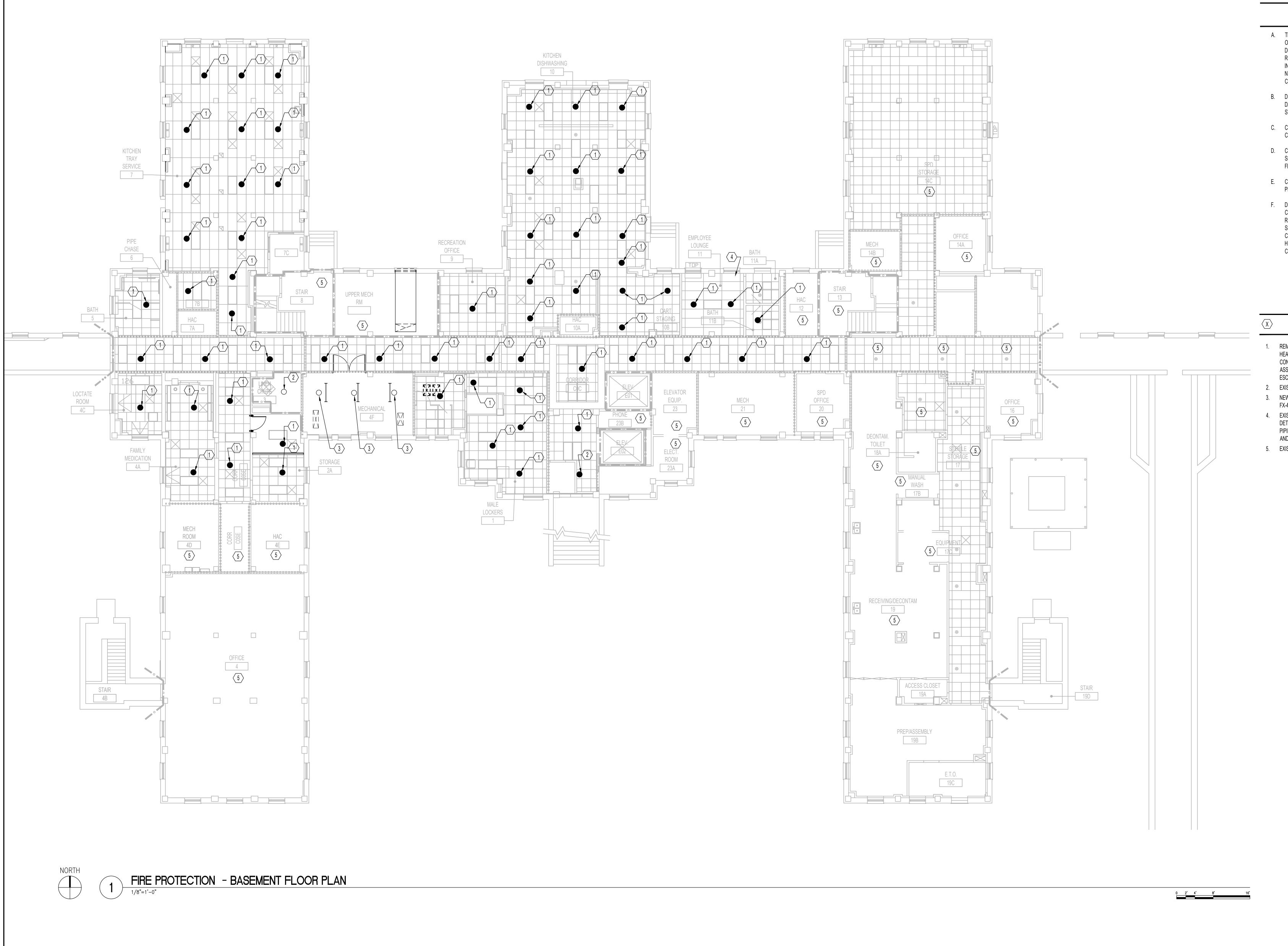


		I hereby certify that this plan, specification, or	ARCHITECT/ENGINEER	OF RECORD	APPROVED: PROJECT COR	DATE: APPROVED: SERVICE LINE DIRECTOR	Date:   Approved: Infection Control Nurse	DATE: DRA'
6 ISSUE FOR BID	06/02/23	report was prepared by me or under my direct		•				FIR
5 CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23	supervision and that I am a duly Licensed Professional Engineer under the laws of the	$\sim$			APPROVED: GEMS PROJECT MANAGER	DATE: APPROVED: PATIENT SAFETY	DATE: APPRO
4 CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22	State of Minnesota	$\beta \sim N$	3300 Dundee Rd.				DATE
3 DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22	Print Name: RAED HAMID	T/JUNUI/N	Northbrook, IL 60062		APPROVED: PROJECTS SECTION MANAGER	DATE: APPROVED: CHIEF OF POLICE	DATE: APPRE
2 DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22	Signature: Fald Fames		T: 847.952.9362				
1 DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20	Date 06-01-2023 License # 57080	BANCROFT ARCHITECTS + ENGINEERS	www. bancroft-ae.com BAE PROJECT NO. 18-116		APPROVED: DIRECTOR FMS	DATE: APPROVED: SAFETY MANAGER	DATE: APPRI
No REVISION	DATE	Date CO OF COO LICENSE # 57000	1	22 32 21 1 (3. 10 1 1 3			<u> </u>	<u>- — —</u>   _







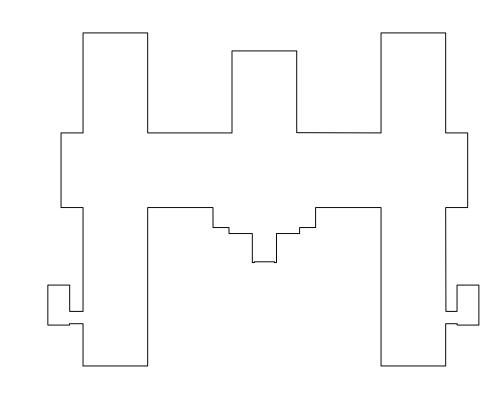


# FIRE PROTECTION GENERAL NOTES

- A. THE FIRE PROTECTION DRAWINGS ARE CONCEPTUAL, FOR GENERAL INFORMATION ONLY AND SHALL NOT BE CONSTRUED AS FINAL DESIGN OR INSTALLATION DOCUMENTS. THE SPRINKLER DESIGN AND INSTALLATION SHALL BE THE RESPONSIBILITY OF THE DESIGN BUILD FIRE PROTECTION CONTRACTOR. THIS INCLUDES THE RELOCATION OF SPRINKLER MAINS, BRANCH PIING AND HEADS AS NECESSARY FOR THE NEW DESIGN. REFER TO SPECIFICATION FOR DESIGN CRITERIA.
- B. DESIGN TO BE IN ACCORDANCE WITH THE VA FIRE PROTECTION DESIGN MANUAL, DATED JUNE 1, 2021 AND THE LATEST EDITION OF NATIONAL FIRE PROTECTION STANDARD #13.
- C. CONTRACTOR TO PROTECT EXISTING HEADS FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
- D. CONTRACTOR TO UTILIZE EXISTING BRANCH LINES, CROSS MAINS, AND FEED MAINS, SERVING NEW SPRINKLER LOCATIONS WITH MODIFIED ARM OVER CONNECTIONS FED FROM EXISTING OUTLET. SHOW ALL PIPING ON SHOP DRAWING SUBMITTAL.
- E. CONTRACTOR TO TURN SPRINKLER HEADS OVER AND KEEP FIRE PROTECTION PIPING ACTIVE DURING CONSTRUCTION.
- F. DURING DEMOLITION, WHERE COMPLETION OF A/S HEAD CHANGEOUT CANNOT BE COMPLETED IN A SINGLE WORK PERIOD, FIRE PROTECTION CONTRACTOR SHALL REVERSE A/S HEAD CONNECTION TO UPRIGHT POSITION, PROVIDE A NEW UPRIGHT SPRINKLER AND SPRIG IF NECESSARY, TO KEEP SYSTEM ACTIVE DURING CONSTRUCTION. ON COMPLETION OF THE CEILING WORK, REPLACE UPRIGHT A/S HEAD (AND DISPOSE OF) WITH THE DESIGNATED NEW FINAL TYPE TO COMPLETE CONSTRUCTION WORK.

### FIRE PROTECTION KEY NOTES

- 1. REMOVE EXISTING AUTOMATIC SPRINKLER HEAD ASSEMBLY (ESCUTCHEON AND HEAD) AND DISCARD. CLEAN AND PREPARE THREADS ON EXISTING ARM OVER CONNECTION AND INSTALLNEW SEMI-RECESSED AUTOMATIC SPRINKLER HEAD ASSEMBLY (ESCUTCHEON AND HEAD). INSTALLATION SHALL BE COMPLETE WITH ESCUTCHEON RING TIGHT TO NEW CEILING FINISH.
- 2. EXISTING AUTOMATIC SPRINKLER HEAD TO REMAIN.
- 3. NEW AUTOMATIC SPRINKLER HEAD CONFIGURATION SEE DETAIL #3 AND #4/SHEET FX-400 FOR DEMOLITION AND NEW INSTALLATION
- 4. EXISTING FIRE SUPPRESSION SERVICE ENTRY POINT. PROVIDE AND INSTALL NEW DETECTOR DOUBLE CHECK BACKFLOW PREVENTER AND RECONFIGURATION OF PIPING SYSTEM. SEE DETAILS #1 AND #2/SHEET FX400 FOR ENLARGED ROOM PLAN AND WORK
- 5. EXISTING AUTOMATIC SPRINKLERS IN THIS ROOM TO REMAIN.





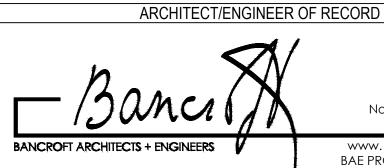
# 06/02/2023 - ISSUE FOR BID

6	ISSUE FOR BID	06/02/23
5	CONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23
4	CONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22
3	DESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22
2	DESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22
1	DESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20
No	REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duty Licensed Professional Engineer under the laws of the State of Minnesota

Print Name: RAED HAMID

Signature: 4223 License # 57080



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 APPROVED: PROJECT COR

APPROVED: DIRECTOR FMS

APPROVED: PATIENT SAFETY

DATE:

APPROVED: PATIENT SAFETY

DATE:

APPROVED: PATIENT SAFETY

DATE:

APPROVED: CHIEF OF POLICE

APPROVED: SAFETY MANAGER

DATE:

APPROVED: SAFETY MANAGER

DATE:

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APPROVED: APPROVED: SAFETY MANAGER

DATE: APPROVED: SERVICE LINE DIRECTOR

DATE: APPROVED: INFECTION CONTROL NURSE

DRAWING TITLE
FIRE PROTECTION - BASEMENT

APPROIVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR
DATE:

DATE:

DATE:

DATE:

DATE:

DATE:

DATE:

CONSTRUCT/REPLACE
BUILDING 50 MEP SYSTEMS

PROJECT ND.
656-19-309

PROJECT ND.
656-19-309

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LC
FX-100

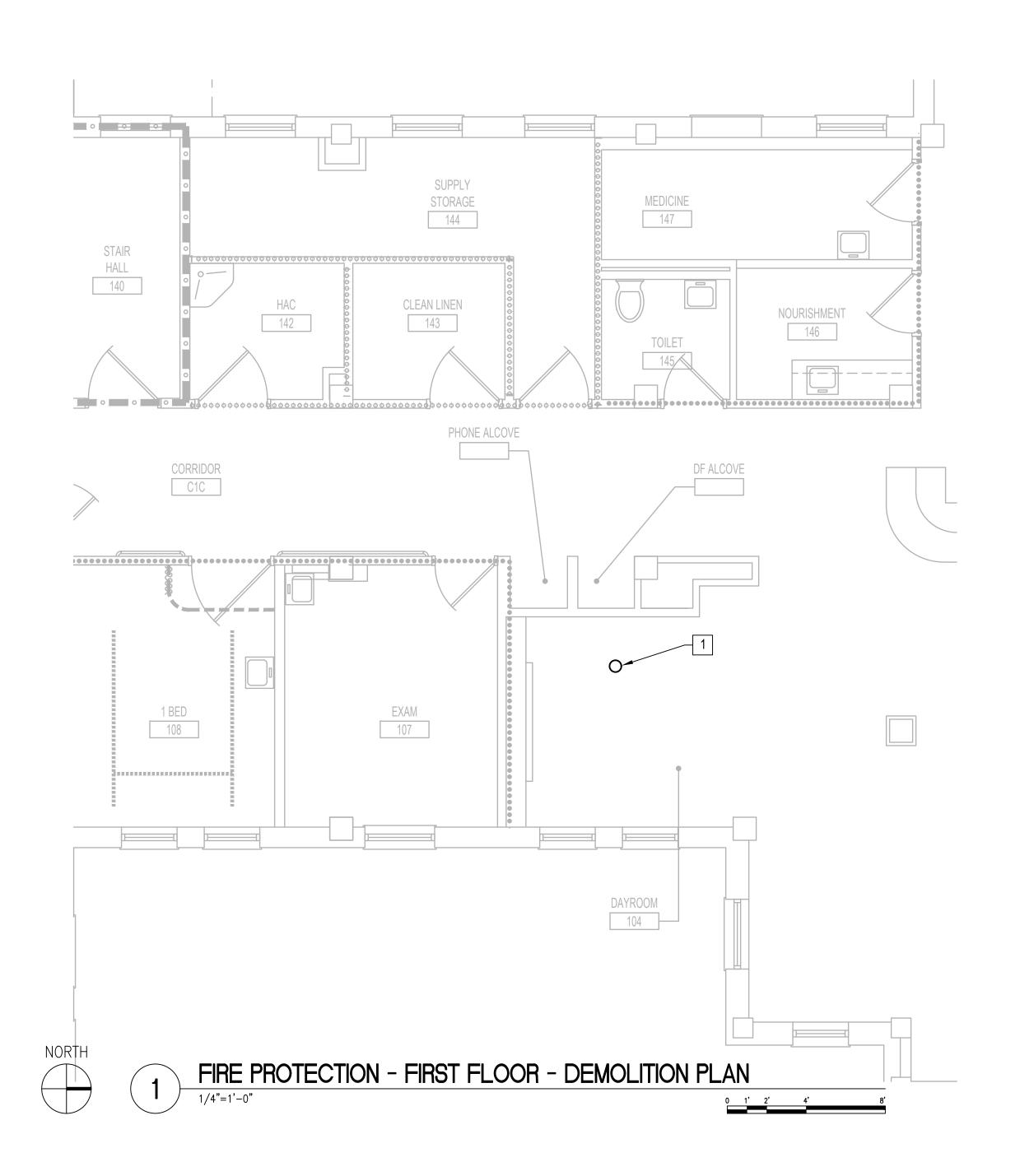
APPROIVED: HEALTH CARE SYSTEM DIRECTOR
DATE:

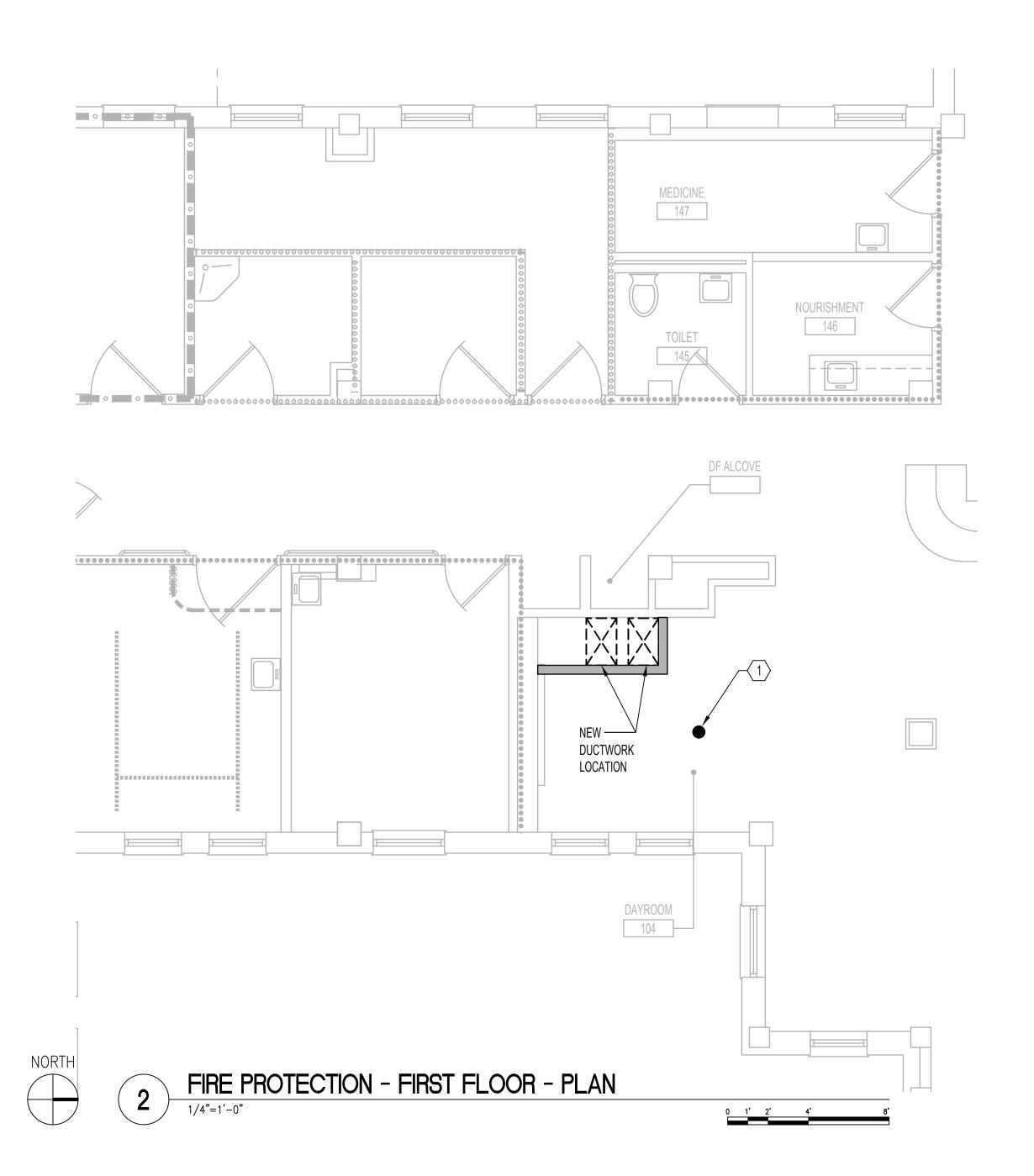
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ST. CLOUD, MN 56303

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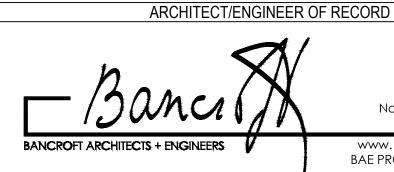






		I hereby certify that this pla
SUE FOR BID	06/02/23	report was prepared by me supervision and that I am a
ONSTRUCTION DOCUMENTS (CD 2 - 100%)	01/27/23	Professional Engineer und
ONSTRUCTION DOCUMENTS (CD 1 - 95%)	12/30/22	State of Minnesota
ESIGN DEVELOPMENT (DD 2 - 75%)	10/11/22	Print Name; RAED H
ESIGN DEVELOPMENT (DD 1 - 50%)	08/18/22	Signature: Kald
ESIGN DEVELOPMENT (DD 1 - 50%)	02/26/20	~ al 2002
DE//ICIUM	חאדר	Date <u>CO-O-0023</u> I

an, specification, or e or under my direct a duly Licensed der the laws of the \_icense # <u>57080</u>



3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116

APPROVED: PROJECT COR



DATE: APPROVED: SERVICE LINE DIRECTOR

DATE: APPROVED: INFECTION CONTROL NURSE

PLAN  DRAVING TITLE FIRE PROTECTION - FIRST FLO PLAN	OOR	PRILJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS	DATE: 06/02/2023 PLOT SCALE	
APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECT	TOR		PROJECT NO. 656-19-309	V
APPROVED: CHIEF OF STAFF	DATE:	BUILDING NO JK DRAWN JK	DRAWING ND.	
APPROVED: HEALTH CARE SYSTEM DIRECTOR	DATE:	ST. CLOUD VAHCS ST. CLOUD, MN 56303	DWG, OF	



FIRE PROTECTION DEMOLITION GENERAL

NOTES

B. THE FIRE PROTECTION DRAWINGS ARE CONCEPTUAL. FOR GENERAL INFORMATION ONLY AND NOT AN EXACT INDICATOR OF PIPE OR SPRINKLER HEAD LOCATIONS.

C. FIRE PROTECTEION CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO

D. GENERAL CONTRACTOR IS RESONSIBLE FOR REMOVAL AND REPLACEMENT OF

STORED AND REINSTALLED IN SAME LOCATION.

ALL CONTACTORS.

PIPING REMOVAL.

CONSTRUCTION WORK.

STANDARD #13.

CONSTRUCTION ACTIVITIES.

CONSTRUCTION WORK.

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REMOVE EXISTING AUTOMATIC SPRINKLER HEAD.

1. NEW SEMI-RECESSED AUTOMATIC SPRINKLER HEAD.

FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.

CELILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY

E. AREA OF WORK WHERE EXISTING CEILINGS ARE TO BE REMOVED AND NEW FINISHED CEILNG TO BE INSTALLED; ALL EXISTING MOUNTED ITEMS SHALL BE REMOVED,

F. FIRE PROTECTION CONTRACTROR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH

CONTRACTOR TO SALVAGE, STORE, AND REINSTALL ALL CEILING MOUNTED DEVICES.

CEILING DISASSEMBLY AND REASSEMBLY TO ACCOMORDATE THIS WORK.

G. REMOVAE ALL ASSOCIATED CLAMPS, HANDERS, SUPPORTS, ITC., ASSOCIATED WITH

H. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE

EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.

DURING DEMOLITION, WHERE COMPLETION OF A/S HEAD CHANGEOUT CANNOT BE COMPLETED IN A SINGLE WORK PERIOD, FIRE PROTECTION CONTRACTOR SHALL

SPRINKLER AND SPRIG IF NECESSARY, TO KEEP SYSTEM ACTIVE DURING

REVERSE A/S HEAD CONNECTION TO UPRIGHT POSITION, PROVIDE A NEW UPRIGHT

CONSTRUCTION. ON COMPLETION OF THE CEILING WORK, REPLACE UPRIGHT A/S HEAD (AND DISPOSE OF) WITH THE DESIGNATED NEW FINAL TYPE TO COMPLETE

FIRE PROTECTION

**GENERAL NOTES** 

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B. DESIGN TO BE IN ACCORDANCE WITH THE VA FIRE PROTECTION DESIGN MANUAL,

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DATED JUNE 1, 2021 AND THE LATEST EDITION OF NATIONAL FIRE PROTECTION

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F. DURING DEMOLITION, WHERE COMPLETION OF A/S HEAD CHANGEOUT CANNOT BE

SPRINKLER AND SPRIG IF NECESSARY, TO KEEP SYSTEM ACTIVE DURING

FIRE PROTECTION DEMOLITION

**KEY NOTES** 

FIRE PROTECTION KEY NOTES

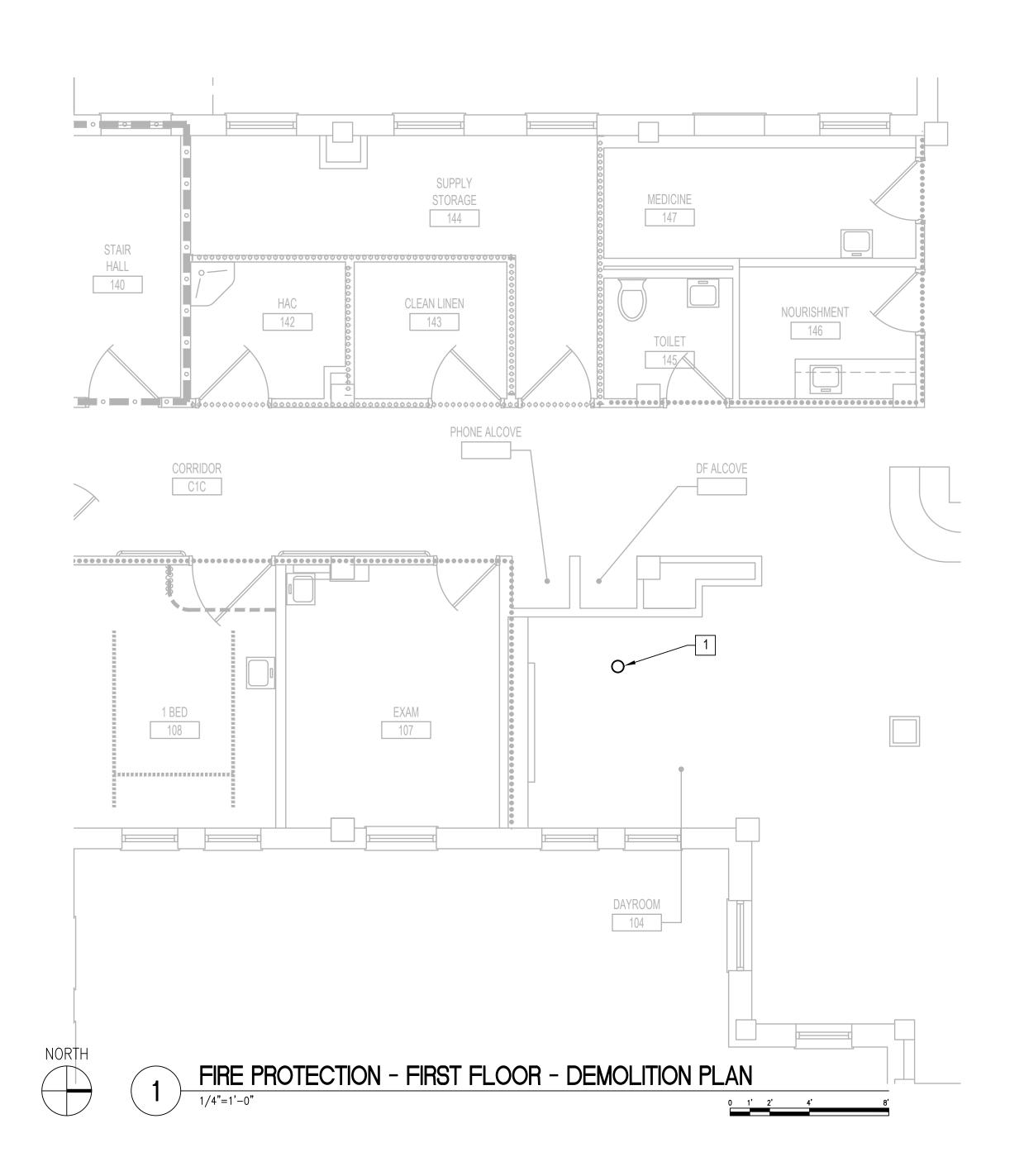
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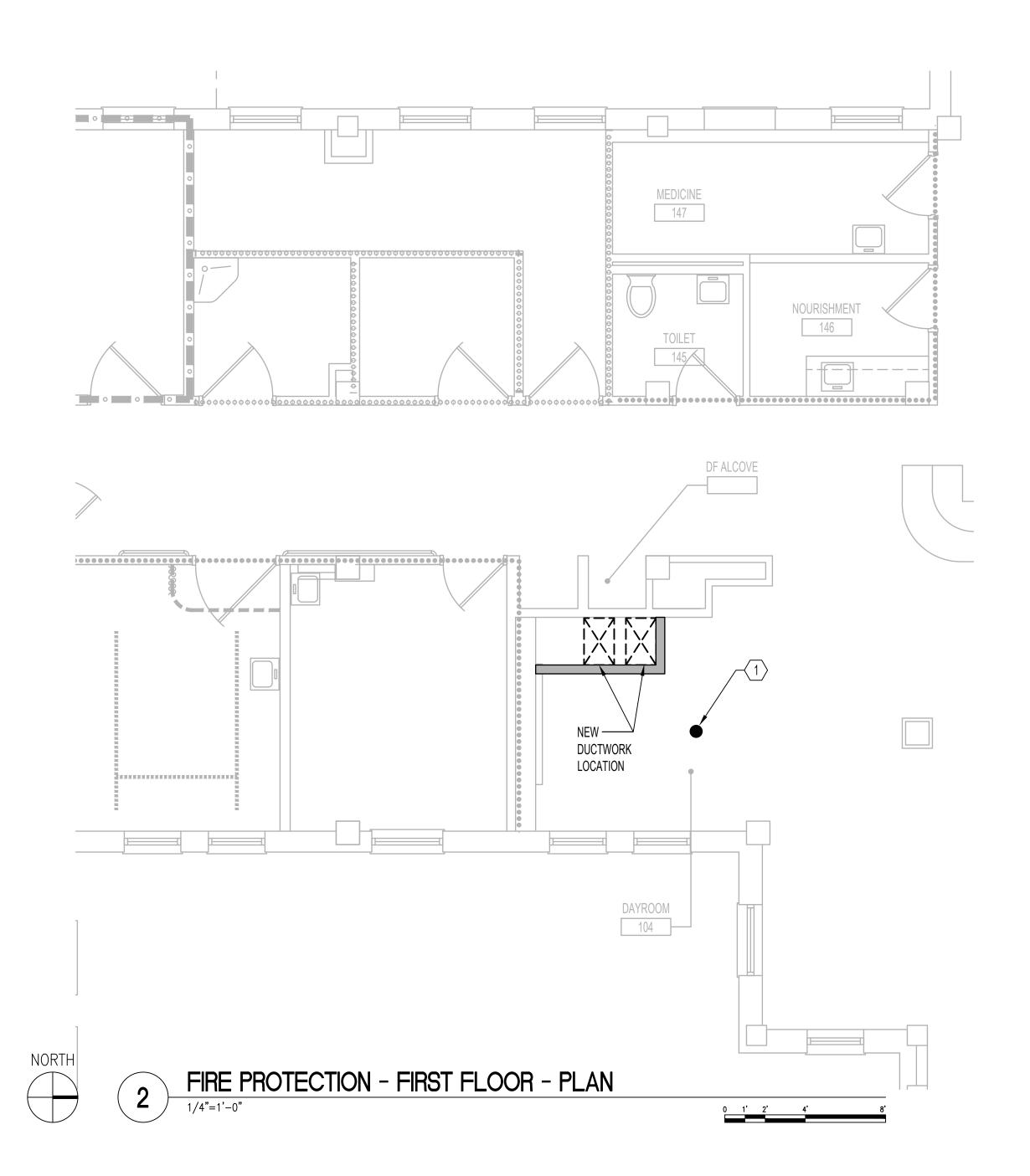
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A. FIRE PROTECTION CONTRACTOR TO COORDINATE WITH (VA COR) (OWNER'S REPRESENTATIVE) FOR ALL FIRE PROTECTION SERVICE OUTAGES.







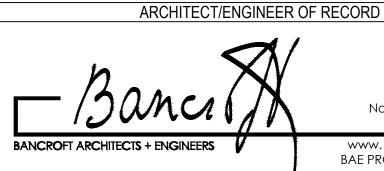
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REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

Print Name: RAED HAMID

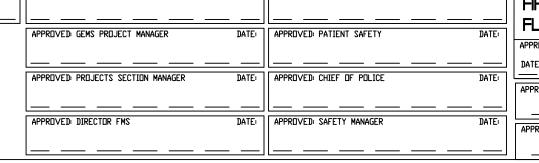
Signature: Fall James

Date 66-6-2023 License # 57080





APPROVED: PROJECT COR



DATE: APPROVED: SERVICE LINE DIRECTOR

DATE: APPROVED: INFECTION CONTROL NURSE

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	DRAWING TITLE FIRE PROTECTION - SECOND	PROJECT TITLE CONSTRUCT/REPLACE	DATE: 06/02/2023	
]	FLOOR PLAN	BUILDING 50 MEP SYSTEMS	PLOT SCALE	
	APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR  DATE:		PREJECT ND. 656-19-309	V
	APPROVED: CHIEF OF STAFF DATE:	BUILDING NO CHECKED BY DRAWN 50 JK JK	DRAWING ND.	
ĺ	APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:	LOCATION ST. CLOUD VAHCS		
		ST. CLOUD, MN 56303	DWG. OF	J



FIRE PROTECTION DEMOLITION GENERAL

NOTES

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CELILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY

E. AREA OF WORK WHERE EXISTING CEILINGS ARE TO BE REMOVED AND NEW FINISHED CEILING TO BE INSTALLED; ALL EXISTING MOUNTED ITEMS SHALL BE REMOVED,

F. FIRE PROTECTION CONTRACTROR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH

CONTRACTOR TO SALVAGE, STORE, AND REINSTALL ALL CEILING MOUNTED DEVICES.

CEILING DISASSEMBLY AND REASSEMBLY TO ACCOMORDATE THIS WORK.

G. REMOVAE ALL ASSOCIATED CLAMPS, HANDERS, SUPPORTS, ITC., ASSOCIATED WITH

H. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE

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FIRE PROTECTION

**GENERAL NOTES** 

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B. DESIGN TO BE IN ACCORDANCE WITH THE VA FIRE PROTECTION DESIGN MANUAL,

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DATED JUNE 1, 2021 AND THE LATEST EDITION OF NATIONAL FIRE PROTECTION

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FIRE PROTECTION DEMOLITION

**KEY NOTES** 

FIRE PROTECTION KEY NOTES

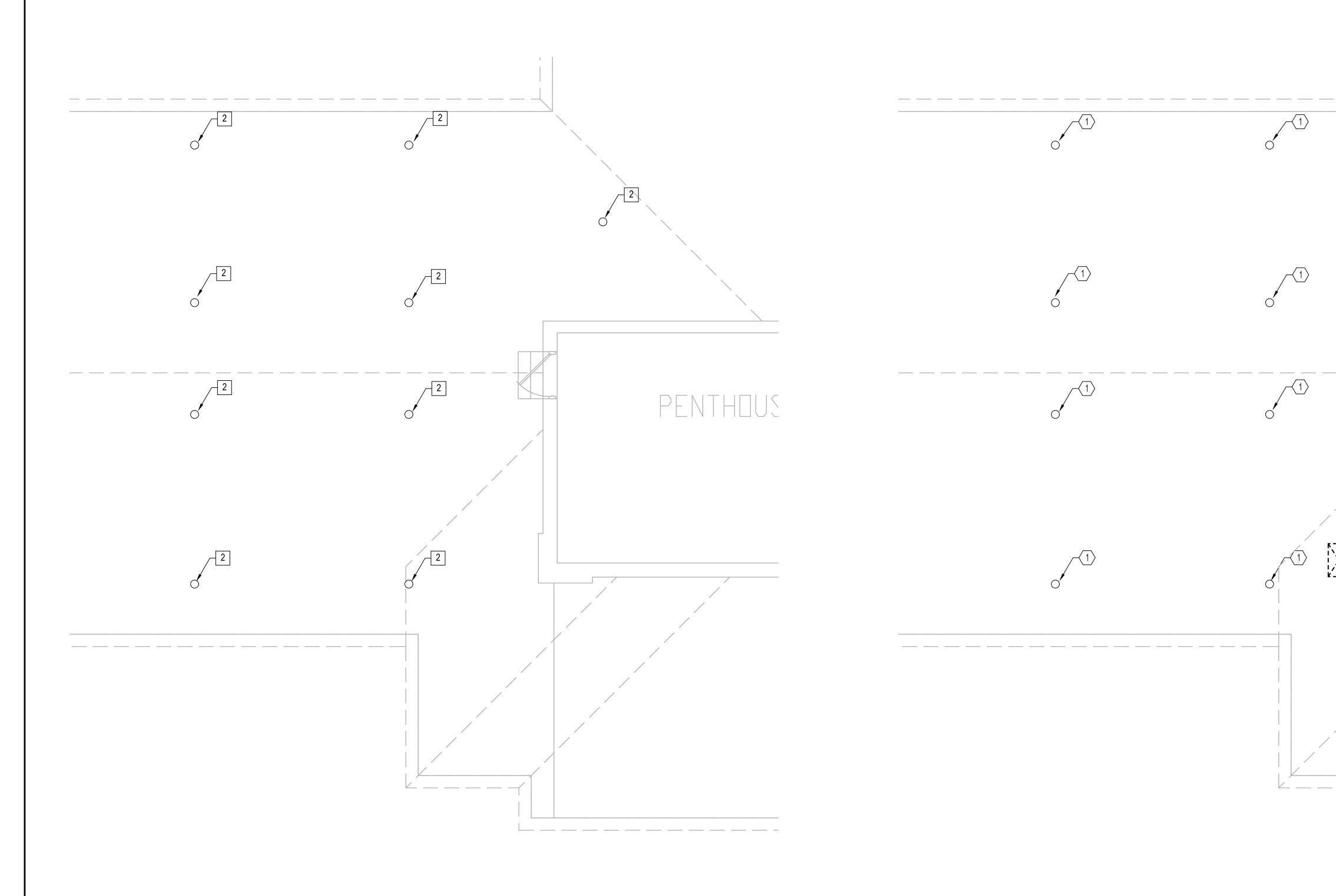
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A. FIRE PROTECTION CONTRACTOR TO COORDINATE WITH (VA COR) (OWNER'S REPRESENTATIVE) FOR ALL FIRE PROTECTION SERVICE OUTAGES.





FIRE PROTECTION DEMOLITION GENERAL NOTES

- A. FIRE PROTECTION CONTRACTOR TO COORDINATE WITH (VA COR) (OWNER'S REPRESENTATIVE) FOR ALL FIRE PROTECTION SERVICE OUTAGES.
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- C. FIRE PROTECTEION CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
- D. GENERAL CONTRACTOR IS RESONSIBLE FOR REMOVAL AND REPLACEMENT OF CELILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTACTORS.
- E. AREA OF WORK WHERE EXISTING CEILINGS ARE TO BE REMOVED AND NEW FINISHED CEILNG TO BE INSTALLED; ALL EXISTING MOUNTED ITEMS SHALL BE REMOVED, STORED AND REINSTALLED IN SAME LOCATION.
- F. FIRE PROTECTION CONTRACTROR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH CEILING DISASSEMBLY AND REASSEMBLY TO ACCOMORDATE THIS WORK. CONTRACTOR TO SALVAGE, STORE, AND REINSTALL ALL CEILING MOUNTED DEVICES.
- G. REMOVAE ALL ASSOCIATED CLAMPS, HANDERS, SUPPORTS, ITC., ASSOCIATED WITH PIPING REMOVAL.
- H. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
- I. DURING DEMOLITION, WHERE COMPLETION OF A/S HEAD CHANGEOUT CANNOT BE COMPLETED IN A SINGLE WORK PERIOD, FIRE PROTECTION CONTRACTOR SHALL REVERSE A/S HEAD CONNECTION TO UPRIGHT POSITION, PROVIDE A NEW UPRIGHT SPRINKLER AND SPRIG IF NECESSARY, TO KEEP SYSTEM ACTIVE DURING CONSTRUCTION. ON COMPLETION OF THE CEILING WORK, REPLACE UPRIGHT A/S HEAD (AND DISPOSE OF) WITH THE DESIGNATED NEW FINAL TYPE TO COMPLETE CONSTRUCTION WORK.

### FIRE PROTECTION **GENERAL NOTES**

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- B. DESIGN TO BE IN ACCORDANCE WITH THE VA FIRE PROTECTION DESIGN MANUAL, DATED JUNE 1, 2021 AND THE LATEST EDITION OF NATIONAL FIRE PROTECTION STANDARD #13.
- C. CONTRACTOR TO PROTECT EXISTING HEADS FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
- D. CONTRACTOR TO UTILIZE EXISTING BRANCH LINES, CROSS MAINS, AND FEED MAINS, SERVING NEW SPRINKLER LOCATIONS WITH MODIFIED ARM OVER CONNECTIONS FED FROM EXISTING OUTLET. SHOW ALL PIPING ON SHOP DRAWING SUBMITTAL.
- E. CONTRACTOR TO TURN SPRINKLER HEADS OVER AND KEEP FIRE PROTECTION PIPING ACTIVE DURING CONSTRUCTION.
- F. DURING DEMOLITION, WHERE COMPLETION OF A/S HEAD CHANGEOUT CANNOT BE COMPLETED IN A SINGLE WORK PERIOD, FIRE PROTECTION CONTRACTOR SHALL REVERSE A/S HEAD CONNECTION TO UPRIGHT POSITION, PROVIDE A NEW UPRIGHT SPRINKLER AND SPRIG IF NECESSARY, TO KEEP SYSTEM ACTIVE DURING CONSTRUCTION. ON COMPLETION OF THE CEILING WORK, REPLACE UPRIGHT A/S HEAD (AND DISPOSE OF) WITH THE DESIGNATED NEW FINAL TYPE TO COMPLETE CONSTRUCTION WORK.

# FIRE PROTECTION DEMOLITION

# **KEY NOTES**

- 1. REMOVE EXISTING UPRIGHT AUTOMATIC SPRINKLER HEAD.
- 2. EXISTING UPRIGHT AUTOMATIC SPRINKLER HEAD TO REMAIN

# FIRE PROTECTION KEY NOTES

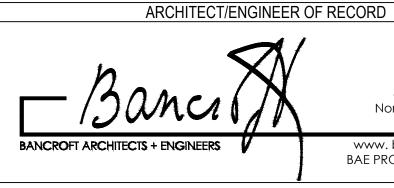
- 1. EXISTING UPRIGHT SPRINKLER HEAD TO REMAIN.
- 2. NEW UPRIGHT AUTOMATIC SPRINKLER HEAD.

06/02/2023 - ISSUE FOR BID

6 ISSUE FOR BID 5 CONSTRUCTION DOCUMENTS (CD 2 - 100%) State of Minnesota 4 | CONSTRUCTION DOCUMENTS (CD 1 - 95%) 12/30/22 3 DESIGN DEVELOPMENT (DD 2 - 75%) 10/11/22 08/18/22 DESIGN DEVELOPMENT (DD 1 - 50%) 02/26/20 DESIGN DEVELOPMENT (DD 1 - 50%) DATE REVISION

FIRE PROTECTION - ATTIC - DEMOLITION PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the Print Name: RAED HAMID Signature: <u>Fald Hames</u> Date 06-01-2023 License # 57080



FIRE PROTECTION -ATTIC - PLAN

| APPROVED: GEMS PROJECT MANAGER | DATE: | APPROVED: PATIENT SAFETY | APPROVED: PROJECTS SECTION MANAGER DATE: APPROVED: CHIEF OF POLICE 3300 Dundee Rd. Northbrook, IL 60062 T: 847.952.9362 APPROVED: DIRECTOR FMS DATE: | APPROVED: SAFETY MANAGER www. bancroft-ae.com BAE PROJECT NO. 18-116

APPROVED: PROJECT COR

PENTHOU

DATE:	APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:	DRAWING TITLE FIRE PROTECTION - ATTIC PLAN	PRIJECT TITLE CONSTRUCT/REPLACE BUILDING 50 MEP SYSTEMS			DATE: 06/02/2023 PLOT SCALE	
	APPROVED: GEMS PROJECT MANAGER	DATE:	APPROVED: PATIENT SAFETY	DATE:	APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR  DATE:	BOILDING	JO WILL O	OTEMO	PROJECT NO. 656-19-309	=
	APPROVED: PROJECTS SECTION MANAGER  APPROVED: DIRECTOR FMS	DATE:	APPROVED: CHIEF OF POLICE  APPROVED: SAFETY MANAGER	DATE: DATE:	APPROVED: CHIEF OF STAFF DATE:	BUILDING No 50	CHECKED BY	DRAWN JK	DRAWING ND. FX-103	
	HELKTIAED: DIKECTOK LWZ		AFFRUYED SAFEIT MANAGER		APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE:	LOCATION ST. ( ST. (	CLOUD VA CLOUD, MI		DWG. OF	



