

THE INTENT OF THIS SEQUENCE OF WORK DRAWING IS TO PROVIDE AN EFFECTIVE METHOD TO . THE INTENT OF THESE SEQUENCE OF WORK DRAWINGS ARE TO PROVE A METHOD TO MINIMIZE A.E.E. RETAINING WALL MINIMIZE DISRUPTION TO EXISTING BASEMENT, FIRST FLOOR, SECOND AND THIRD FLOOR OPERATIONS DISRUPTION TO THE OPERATIONS OF THE MAIN HOSPITAL BUILDING (1-9-46), BUILDING 40, THE AROUND THE THE WORK AREA. NOTE: VERIFY BOTTOM OF FOOTINGS OF BUILDING FOUNDATION PRIOR TO REMOVAL OF RETAINING VARIOUS BUILDINGS THAT ARE INCLUDED IN THE PROJECT SCOPE OF WORK, AND VEHICULAR TRAFFIC AND PARKING AREAS THAT SERVE THESE BUILDINGS. THE GENERAL CONTRACTOR SHALL BE WALL AND RETAINED MATERIAL AND REPORT TO THE VA AND A/E FOR RECORD. RESPONSIBLE FOR COORDINATING WITH THE VA COR A FINAL CONSTRUCTION PHASING PROGRAM SUGGEST THAT PHASING BE SEQUENCED AS FOLLOWS: NOTE: VERIFY DIMENSIONS AND DEPTH OF EXISTING UNDERGROUND VAULT THAT MEETS THE PERIOD OF PERFORMANCE SCHEDULE ESTABLISHED BY THE VA. . THE GENERAL CONTRACTOR SHALL PROVIDE FOR ALL SUB- PHASE ACTIVITIES AS REQUIRED FOR A. FOLLOWING ACTIVITIES CAN BE PERFORMED IN PARALLEL: A..E.A. FUEL TANK REMOVAL AND POTENTIAL SOIL REMEDIATION WORK OCCURRING BETWEEN THE VARIOUS MAIN PHASES. A.A. ORDER ALL EQUIPMENT (INCLUDING TEMPORARY EMERGENCY GENERATOR) A..E.B. SITE ROUGH GRADING A.B. BUILD OUT 4TH FLOOR DATA CENTER A..E.C. RETAINING WALL INSTALLATION THE GENERAL CONTRACTOR SHALL ENSURE COMPLIANCE WITH ALL NOTES AND PROTOCOLS A..E.D. FOOTINGS AND STEM WALLS FOR ENCLOSURE AND STAIRS A.B.A. DEMOLITION OF THE FOURTH FLOOR LIBRARY, INCLUDING ASSOCIATED CORRIDORS SERVING IDENTIFIED ON DRAWINGS GI-011 THROUGH GI-013. A..E.E. UTILITY TRENCHING THE LIBRARY. THE GENERAL CONTRACTOR SHALL GIVE SPECIAL CONSIDERATION TO THE 4. THE GENERAL CONTRACTOR SHALL ENSURE COMPLIANCE WITH INFECTION CONTROL REQUIREMENTS FOLLOWING: A..F. SUBGRADE PREPARATION AND UTILITY INSTALLATION AND BACKFILLING AS IDENTIFIED ON DRAWINGS GI-101 THROUGH GI-109. A..F.A. EXTERIOR STAIR CONSTRUCTION A.B.A.A. TEST FIRE ALARM SYSTEM. INSTALL BRIDGE CONNECTION TO KEEP PORTION OF FIRE ALARM IN NON-PROJECT AREAS ACTIVE; DISCONNECT FIRE ALARM IN PROJECT AREA. A..F.B. FOOTING/SLAB FOR GENERATOR EXHAUST SUPPORT FRAME 5. THE GENERAL CONTRACTOR SHALL ENSURE COMPLIANCE WITH ALL DIVISION 01 SPECIFICATIONS. A.B.A.B. BAG-AND-TAG LIGHTING, PA COMPONENTS, FIRE ALARM, ETC AND REPLACE IN EXACT A..F.C. SITE FLATWORK 5. THE GENERAL CONTRACTOR SHALL REFER TO ALL DEMOLITION AND CONSTRUCITON DRAWINGS AND LOCATIONS AFTER STRUCTURAL WORK. A..F.D. STRUCTURAL SLABS ALL WRITTEN SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE SCOPE OF WORK. A.B.A.C. REMOVAL OF EXISTING AUTOMATIC SPRINKLER HEADS SHALL BE COORDINATED WITH A..G. CAN INSTALL EXTERIOR EQUIPMENT REMOVAL OF EXISTING ACOUSTICAL CEILING TILES. INSTALL TEMPORARY UPRIGHT B...A. CONSTRUCTION OF STEEL ENCLOSURE AND GENERATOR EXHAUST SUPPORT FRAMING THE GENERAL CONTRACTOR SHALL TAKE NOTE OF AND FULLY UNDERSTAND ALL EXISTING FIRE AUTOMATIC SPRINKLER HEADS AS REQUIRED. PROTECTION, PLUMBING, MECHANICAL, ELECTRICAL AND IT SERVICES AND SYSTEMS THAT ARE A.B.A.D. MAINTAIN AHU OPERATION AND DUCTWORK FOR SYSTEMS THAT MUST REMAIN ONLINE. SCHEDULED TO REMAIN. ALL EXISTING SERVICES AND SYSTEMS TO REMAIN SHALL BE ENSURED BY SEVERAL ADJOINING SPACES, INCLUDING AT THE FLOOR BELOW, WILL BE IMPACTED BY B. ENERGIZE NEW BLDG 1 EMERGENCY GENERATOR AND NEW UPS B (REMOVE TEMP GENERATOR) THE GENERAL CONTRACTOR TO BE FULLY OPERATIONAL AND FUNCTIONAL FOR THE COMPLETE C. POPULATE 4TH FLOOR DATA CENTER WITH NEW IT EQUIPMENT DURATION OF THE WORK. A.B.A.E. DISCONNECTION AND REMOVAL OF EXISTING SANITARY AND DOMESTIC WATER LINES C.A. DATA CENTER MUST BE CLEAN AND DUST FREE PRIOR TO INSTALLATION OF ANY ICT SERVING THE EXISTING FOURTH FLOOR TOILET ROOM AND MOP RECEPTOR. B. THE GENERAL CONTRACTOR SHALL TAKE NOTE THAT ALL STATION BUILDINGS SHALL BE OCCUPIED COMPONENTS, INCLUDING: A.B.A.F. REMOVAL OF EXISTING FIREPROOFING FROM EXISTING LIBRARY ROOF TRUSSES AND DURING THE COURSE OF THE WORK. C.A.A. SERVER CABINETS FRAMING MEMBERS WITHIN THE AREA OF THE MCR. C.A.B. OPTICAL FIBER PANELS 9. THE GENERAL CONTRACTOR SHALL MAINTAIN EXISTING BUILDING EGRESS PASSAGEWAYS AND EGRESS A.B.A.G. INSTALLATION OF FIRE-RATED COATING ON THESE SAME TRUSSES AND FRAMING C.A.C. COPPER PATCH PANELS / EXIT DOORS THROUGHOUT THE DURATION OF THE WORK OR PROVIDE FOR CODE COMPLIANT, C.A.D. OVERHEAD BUSSWAYS FOR UPS A AND UPS B ALTERNATE MEANS OF EGRESS THAT IS ACCEPTABLE TO THE VA. A.B.B. ROOF DRAIN DEMOLITION AND OTHER ROOF MODIFICATION (DEMOLITION AND NEW) WORK AT C.A.E. NEW ELECTRICAL PANELS IN ELECTRIC CLOSET THE ROOF ABOVE THE FOURTH FLOOR LIBARARY. THE GENERAL CONTRACTOR SHALL GIVE C.A.F. NEW FIRE ALARM COMPONENTS O.NORMAL HOURS OF OPERATION ARE 8:00 A.M. TO 4:30 P.M. ALL CONSTRUCTION ACTIVITIES THAT SPECIAL CONSIDERATION TO THE FOLLOWING: C.A.G. CONNECT FIRE ALARM SYSTEM TO INNERT GAS SYSTEM ARE A CAUSE FOR NOISE OR VIBRATION SHALL OCCUR DURING OFF NORMAL HOURS, UNLESS A.B.B.A. ALL ROOF WORK AND INSTALLATION OF NEW DOWNSPOUTS TO BE COMPLETED PRIOR C.B. SUPPORTS FOR NEW CRAC UNIT RETURN DUCTWORK MUST BE MADE TO THE EXISTING OR NEW OTHERWISE APPROVED IN ADVANCE IN WRITING FROM THE COR. TO COMMENCEMENT OF THE NEW WORK OF CONSTRUCTING THE DATA CENTER. STRUCTURE AND COORDINATED WITH NEW FIREPROOFING SYSTEMS, AND POSSIBLY PRIOR TO 1. SERVICE INTERRUPTION REQUIREMENTS SHALL BE SUBMITTED TO THE COR FOR APPROVAL IN A.B.C. AT THIRD FLOOR ROOF ADJACENT TO FOURTH FLOOR LIBARARY: FIREPROOFING INSTALLATION, TO ENSURE CONTINUOUS RATING PROTECTION. A.B.C.A. PREP ROOF TO RECEIVE NEW ROOF STAIR AND CONDENSER UNITS. ADVANCE IN A TIME AS ESTABLISHED IN THE SPECIFICATIONS. D. VAIT TO PERFORM CUT-OVER / MIGRATION TO NEW 4TH FLOOR DATA CENTER (POWER WILL BE A.B.C.B. INSTALLATION OF GUARD RAILS. PROVIDED FROM NEW EM GEN AND NEW UPS B) 12.SUBJECT TO FINAL APPROVAL OF THE COR — ONLY ONE (1) FULL LENGTH OF INTERIOR BUILDING A.B.C.C. INSTALLATION OF NEW ROOF STAIR AND CONDENSER UNITS. D.A. ENERGIZE NEW EMERGANCY GENERATOR AND TRANSFER ALL BUILDING ONE EMERGENCY LOADS CORRIDOR AT EACH FLOOR LEVEL MAY BE WORKED ON AT A TIME. A.B.D. REMOVAL OF THIRD FLOOR CEILINGS BELOW THE FOURTH FLOOR LIBRARY IN PREPARATION ONTO THE NEW EMERGENCY GENERATOR. D.B. TRANSFER BUILDING 1, 9, 46 AND 40 TR LOADS FROM EXISTING EMERGENCY POWER TO 13.SUBJECT TO FINAL APPROVAL OF THE COR — WHEN INSTALLING EXTERIOR SITE 'B' ROUTE FIBER A.B.D.A. INSTALL NEW STRUCTURAL COMPONENTS. BUILDING 1 EMERGENCY POWER OPTIC CABLE BETWEEN BUILDINGS, INSTALL ONLY ONE LEG BETWEEN TWO MANHOLES AT A TIME. A.B.D.B. INSTALL FIBER OPTIC CABLING (FOC) 'A' AND 'B' ROUTES TO SERVE THE FOURTH FLOOR D.C. ENERGIZE UPS B 14.AT BUILDING INTERIORS — PRIOR TO BEGINNING DEMOLITION OR CONSTRUCTION WORK OF EACH D.D. ENERGIZE MCR FROM NEW EMERGENCY GENERATOR AND FROM UPS B. SEQUENCE, THE GENERAL CONTRACTOR SHALL FIRST INSTALL ICRA BARRIERS AS REQUIRED TO A.B.E. CONSTRUCTION OF FOURTH FLOOR DATA CENTER, INCLUDING THE MAIN COMPUTER ROOM D.E. VA IT TO ENERGIZE NEW MCR IT EQUIPMENT. FULLY CONTAIN EACH AREA OF WORK. AND NEW WORK TO OCCUR IN CORRIDORS SERVING THE LIBARARY. E. DECOMMISSION OLD DATA CENTER A.C. BUILD OUT ROOMS 97 AND 98 AND OUTDOOR EQUIPMENT E.A. NEW FORTH FLOOR DATA CENTER MUST BE COMPLETELY UP AND RUNNING BEFORE ANY 15.AT BUILDING INTERIORS — AT THE COMPLETION OF ALL WORK OF EACH SEQUENCE, THE GENERAL A.C.A. INSTALL TEMPORARY EMERGENCY GENERATOR FOR BUILDING 1 AND TRANSFER BUILDING 1 DECOMMISSIONING OR DEMOLITION WITHIN EXISTING COMPUTER ROOM MAY COMMENCE. CONTRACTOR SHALL FULLY CLEAN EACH AREA OF WORK AS PRESCRIBED IN THE PROJECT ICRA EMERGENCY LOADS TO TEMPORARY GENERATOR. E.B. ALL BACKBONE CABLING FOR ROUTE 'B' BUT BE CROSS-CONNECTED AND LIVE BEFORE ANY REQUIREMENTS AND REMOVE THE ICRA BARRIERS. A.C.A.A. BLDG 1 IS OPERATING ON TEMP GENERATOR. DECOMMISSIONING OF EXISTING CONNECTIONS WITHIN EXISTING COMPUTER ROOM MAY COMMENCE. A.C.B. DEMOLITION AND BUILD OUT ROOM E97 AND E98 AND OUTDOOR MECHANICAL AND 16. AT AREAS OF EXTERIOR SITE WORK - PRIOR TO BEGINNING DEMOLITION OR CONSTRUCTION WORK E.B.A. NOTE: OLD DATA CENTER IN ROOMS BC-50 AND BC-60 CAN NOW BE DECOMMISSIONED ELECTRICAL EQUIPMENT INSTALLATION. OF EACH SEQUENCE, THE GENERAL CONTRACTOR SHALL FIRST INSTALL CONSTRUCTION FENCING, A.C.C. AT FIRST FLOOR ROOF WEST OF GENERATOR ROOM BE-98: BARRIERS AND PHYSICAL TRAFFIC CONTROL MEASURES AS PRESCRIBED IN THE SPECIFICAITONS. E.C. AFTER NEW FORTH FLOOR DATA CENTER IS UP AND RUNNING AND ALL CABLING A.C.C.A. PREP ROOF TO RECEIVE NEW CONDENSER UNITS. CROSS-CONNECTS FOR ROUTE 'B' HAVE BEEN CONFRIMED AS ACTIVE, ROUTE 'A' OPTICAL FIBER TO 17.AT AREAS OF EXTERIOR SITE WORK — AT THE COMPLETION OF ALL WORK OF EACH SEQUENCE, A.C.C.B. INSTALLATION OF NEW CONDENSER UNITS. EXISTING COMPUTER ROOM BC-50 IS TO BE CUT AND SPLICED INTO NEW OPTICAL FIBER THE GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCITON FENCING. BARRIERS AND PHYSICAL A.C.C.C. COORDINATION OF WALL / ROOF PENETRATIONS AND CHASE FROM UPS ROOM UP TO CABLING TO MDA 'A' IN FORTH FLOOR DATA CENTER. TRAFFIC CONTROL MEASURES, AND RETURN THE AREA OF WORK TO A POWER WASHED CLEAN ROOF WILL BE REQUIRED FOR REFRIGERANT LINES. E.D. DECOMMISSIONING AND DEMOLITION OF COMPUTER ROOM BC-50 AND UPS BC-50A. A.C.C.D. INSTALL NEW DRY PIPE FIRE PROTECTION SYSTEM. E.E. EXISTING BC-50 DATA CENTER CONTINUOUS OPERATING FROM MONOLITHIC UPS A AND EXISTING A.C.C.E. INSTALL NEW AUTOMATIC SPRINKLER HEADS IN DESIGNATED AREAS EMERGENCY POWER. 18. THESE GENERAL SEQUENCE OF WORK NOTES APPLY TO ALL SEQUENCE OF WORK DRAWINGS. A.C.D. AT ROOF ABOVE LOBBY AND WAITING 1C-36: E.F. IT TO POPULATE EQUIPMENT IN NEW FOURTH FLOOR DATA CENTER. A.C.D.A. PREP ROOF TO RECEIVE NEW CONDENSER UNITS. E.G. WHILE NEW FOURTH FLOOR DATA CENTER IS BEING POWERED FROM NEW UPS B, TRANSFER A.C.D.B. INSTALLATION OF NEW CONDENSER UNITS. DATA CENTER BUSWAYS FROM EMERGENCY POWER TO MONOLITHIC UPS A. SEQUENCE LEGEND A.C.E. COORDINATE WALL/ROOF PENETRATIONS FOR REFRIGERANT PIPING AND ELECTRICAL CONDUIT. E.H. WHEN NEW FOURTH FLOOR DATA CENTER IS FULLY POPULATED, SHUT DOWN MONOLITHIC UPS A AND RELOCATE THE UPS TO NEW BLDG 1 LOCATION. A.D. BUILD OUT NEW EMERGENCY POWER DISTRIBUTION FOR TR'S TO BLDGS 1. 9. 40. 46 (DO NOT E.I. RELOCATE MONOLITHIC UPS A FROM BC-50 TO ROOM 97 AND ENERGIZE. TERMINATE) E.J.(4TH FLOOR DATA CENTER IS NOW ENERGIZED FROM MONOLITHIC UPS—A AND UPS—B) A.D.A. BUILD OUT BUILDING 1 EMERGENCY POWER SYSTEM CONDUITS, PANELS AND WIRING TO CUT-OVER TR'S IN BLDGS 1, 9, 40 AND 46 TO NEW BLDG 1 EM GEN (ALL TR'S ARE NOW ULTIMATELY POWER TR'S IN BUILDINGS 1, 9, 40 AND 46 FROM THE NEW BUILDING 1 SEQUENCE "A"

SEQUENCE "B"

SEQUENCE "C" EMERGENCY GENERATOR. ENERGIZED FROM MONOLITHIC UPS-A AND BLDG 1 EMERGENCY GENERATOR) WORK WITHIN A.D.B. INSTALLATION AT EXISTING TRS OF: TELEPHONE EQUIPMENT ROOM BC-60, INCLUDING: A.D.B.A. INSTALL COMPONENTS AT BUILDING 40, TR 1021, TO PREPARE THE ROOM TO SERVE E.J.A. REMOVAL OF THE EXISTING LAY-IN CEILING SYSTEM. AS ENTRANCE ROOM B (FOR A FUTURE SERVICE PROVIDER). E.J.B. REMOVAL OF EXISTING CRAC UNITS. SEQUENCE "D"

SEQUENCE "E"

SEQUENCE "F" A.E. CIVIL WORK AT LOADING DOCK INCLUDES: F. CAMPUSWIDE CLEANUP AND MONITORING A.E.A. TREE PROTECTION F..A. FINAL COMMISSIONING ACTIVITIES. A.E.B. EXISTING UTILITY VERIFICATION/POTHOLING/SD INVERT VERIFICATION/PROTECTION F..B. FINAL PROJECT WIDE PUNCHLIST. F..C. FINAL PROJECT WIDE CLEAN UP. A.E.C. DEMOLITION OF EXISTING SITE WORK A.E.D. SIDEWALK/FLATWORK/PARKING/CURB

GENERAL SEQUENCE OF WORK NOTES

SEQUENCE OF WORK NOTES

ISSUE FOR BID - 01/16/2024 **Project Title Project Number Drawing Title** ARCHITECT/ENGINEER OF RECORD | STAMP CONSULTANT Office of GENERAL - CONSTRUCTION SEQUENCE OF 437-21-210 ISSUE FOR BID EHRM INFRASTRUCTURE Construction **Building Number** WORK NOTES UPGRADES - TIER 2 and Facilities Approved: Project Director **Drawing Number** Management 3300 Dundee RD. FARGO VA HEALTH CARE SYSTEM Northbrook, IL 60062 **BUILDING FULLY** T: 847.952.9362 Checked GI-201A www. bancroft-ae.com **BANCROFT ARCHITECTS + ENGINEERS** ISSUE FOR BID 01-16-24 U.S. Department of Veterans Affairs **SPRINKLERED** Bancroft Project No: 22-113 DA Date: Revisions:

VA FORM 08 - 6231













