RAULAND Nurse Call and Code Blue Devices TO BE INGNORED: 1. Each Single Patient Bed Station shall include (Diamond with "N" inside): a. Rauland-Borg Model 353001 Enhanced Single Patient Station (Integral Code Blue). This device shall be served by

b. Rauland-Borg Model 350227 Enhanced Pillow Speaker – 2 Lights-Analog Volume Control. This device shall interface the TV for control of on/off, changing channels and volume control. This device is to be interfaced to the room lighting control system for control of lights as outlined on the lighting drawing sheets. c. Rauland-Borg Model 354018 Auxiliary 2 Jack Station. This device shall be served by a 3/4 inch conduit with a 1-

f. Rauland-Borg Model NCBED5 Feature Bed Receptacle – 37 PIN. This device shall be served by a 3/4 inch

a. Rauland-Borg Model 353010 Enhanced Single Patient Station. This device shall be served by a 3/4 inch conduit b. Two (2) b. Rauland-Borg Model 350227 Enhanced Pillow Speaker – 2 Lights-Analog Volume Control. This device shall interface the TV for control of on/off, changing channels and volume control. This device is to be interfaced to the room lighting control system for control of lights as outlined on the lighting drawing sheets. (One for each bed

c. Two (2) Rauland-Borg Model 354018 Auxiliary 2 Jack Station. This device shall be served by a 3/4 inch conduit with a 1-gang 3-1/2 inch deep backbox. (One for each bed location.) d. Two (2) Rauland-Borg Model NCBED5 Feature Bed Receptacle – 37 PIN. This device shall be served by a 3/4 inch conduit with a 1-gang 2-1/8 inch deep backbox. (One for each bed location.)

e. Two (2) Rauland-Borg Model 354011 Code Station. This device shall be served by a 3/4 inch conduit with a 1-

a. Rauland-Borg Model 351205 VoIP Nurse Console V2. This device plugs into a data style connection. Backbox, conduit and faceplate shall be equal to 27 15 00 specification requirements.

a. Rauland-Borg Model 352010 Corridor Light – 4 Position V2. This device shall be served by a 3/4 inch conduit with

5. Each Standalone Code Blue Stations shown shall include (Diamond with "CB" inside):

a. Rauland-Borg Model 354011 Code Station. This device shall be served by a 3/4 inch conduit with a 1-gang 3-1/2

6. Each Emergency Stations shown in Restrooms and/or Toilets shall include (Diamond with "E" inside):

a. Rauland-Borg Model 354000 Pull Cord Station with Audio. This device shall be served by a 3/4 inch conduit with a

7. Each Emergency Stations shown in Showers shall include (Diamond with "E" inside-water proof): a. Rauland-Borg Model 354001WP Pull Cord Station IP68 Waterproof. This device shall be served by a 3/4 inch

a. Rauland-Borg Model 353100 Duty Station. This device shall be served by a 3/4 inch conduit with a 3-gang 3-1/2

a. Rauland-Borg Model 353101 Staff Station. This device shall be served by a 3/4 inch conduit with a 3-gang 3-1/2

10. Staff Emergency Stations locations include (Diamond with "SE" inside): a. Rauland-Borg Model 354012 Staff Assist Station. This device shall be served by a 3/4 inch conduit with a 1-gang

11. Staff Emergency Stations locations located next to Code Blue Stations include (Diamond with "SE" inside next to

a. Rauland-Borg Model 354015 Staff Assist/Code Blue Station. This device shall be served by a 3/4 inch conduit with

12. Nurse Call Cancel Stations locations include (Diamond with "NC" inside): a. Rauland-Borg Model 354010 Cancel Station. This device shall be served by a 3/4 inch conduit with a 1-gang 3-1/2

13. Staff Terminal Station locations include (Diamond with "ST" inside):

a. Rauland-Borg Model 351300 Staff Terminal Station. This device shall be served by a 3/4 inch conduit with a 3-

14. Bed Status Station locations include (Diamond with "BS" inside): a. Rauland-Borg Model 354016 Bed Status Station. This device shall be served by a 3/4 inch conduit with a 1-gang

a. Rauland-Borg Model 352010 Corridor Light – 4 Position V2. This device shall be served by a 3/4 inch conduit with

VLS

Project Number VA #568-14-110 RENOVATE AND CONSOLIDATE **WPE #BR21020** INPATIENT FUNCTIONS **Building Number Drawing Number** FORT MEADE, SOUTH DAKOTA Drawn Checked EA102

SECTION 275230 WANDER MANAGEMENT SYSTEM 1.5 Qualifications: Part 3 - Execution Part 1 - General 3.1 Installation: A. All cabling and terminations shall be by a Simplex Fire Alarm System authorized contractor. This contractor shall be a certified installer with at least 5 years of verifiable experience. References may be 1.1 System Description: A. Installation shall be in accordance with NFPA 70, 72, 90A, and 101 as shown on the drawings, and as recommended by the major equipment manufacturer. Fire alarm wiring shall be installed in conduit and A. The existing Wander Management System is a Secure Care Door Guardian Wander Management 1.7 Warranty: all penetrations of smoke and fire barriers shall be protected as required by Section 07 84 00, System. This system along with all existing devices will be reused. These detection and alarm devices are standalone and do not tie to a headend system. Contractor to remove existing devices shown on A. All work performed and all material and equipment furnished under this contract shall be free from demolition plans and reinstall after walls have been painted. Contractor to ensure power is provided to B. All conduits, junction boxes, conduit supports and hangers shall be concealed in finished areas and defects and shall remain so for a period of one year from the date of acceptance of the entire the device locations and devices are reinstalled. may be exposed in unfinished areas. installation by the Contracting Officer. Contractor to confirm full operation of system prior to demolition and note any issues to Owner. If no B. Emergency Service: C. All new conduit within finished spaces shall be concealed. If the Contractor feels that this is not issues are noted Contractor will be responsible for reinstalling so that it is fully operational and possible in a space for some reason a request must be provided to install as exposed. If exposed 1. Warranty Period Service: Service other than the preventative maintenance, inspection, and conduits are approved they shall be painted in accordance with Section 09 91 00, PAINTING to match functional. Provide demonstration of operation prior to final inspection. testing required by NFPA 72 shall be considered emergency call-back service and covered under surrounding finished areas and red in unfinished areas. SECTION 281300 ACCESS CONTROL SYSTEM the warranty of the installation during the first year of the warranty period, unless the required D. All existing accessible fire alarm conduit not reused shall be removed. service is a result of abuse or misuse by the Government. Part 1 - general Written notification shall not be required for emergency warranty period service and the E. While all devices on the Second Floor are called out to be new some existing devices are noted as 1.1 Submittal: being able to be reused on the First Floor. Where these existing devices are allowed to be reused they contractor shall respond as outlined in the following sections on Normal and Overtime A. Submit floor plan layout of access control device and equipment locations with cabling Emergency Call-Back Service. Warranty period service can be required during normal or shall be properly mounted and installed. Where devices are installed on existing shallow backboxes, interconnection shown. Provide wiring connection details for all devices, equipment and head end overtime emergency call-back service time periods at the discretion of the COR or his authorized extension rings of the same material, color and texture of the new fire alarm devices shall be used. Mounting surfaces shall be cut and patched in accordance with Section 01 00 00, GENERAL REQUIREMENTS, Restoration, and be repainted in accordance with Section 09 91 00, PAINTING as 1.2. Product data: 2. Normal and overtime emergency call-back service shall consist of an on-site response within 2 hours of notification of a system trouble. A. NOTE: All components shall be as specified or be 100% compatible (i.e., completely interchangeable, F. All fire detection and alarm system devices, control units and remote annunciators shall be flush 3. Normal emergency call-back service times are between the hours of 7:30 a.m. and 4:00 p.m., mounted when located in finished areas and may be surface mounted when located in unfinished areas. Monday through Friday, exclusive of federal holidays. Service performed during all other times B. Materials list of items proposed to be provided under this section. shall be considered to be overtime emergency call-back service. C. Manufacturer's specifications and other data needed to provide compliance with the specified G. Speakers shall be ceiling mounted and fully recessed in areas with suspended ceilings. Speakers shall 4. The contractor shall maintain a log at each fire alarm control unit. The log shall list the date be wall mounted and recessed in finished areas without suspended ceilings. Speakers may be surface and time of all examinations and trouble calls, condition of the system, and name of the mounted in unfinished areas. D. Project Record Documents: Record actual locations and sizes of pathways, devices and equipment. technician. Each trouble call shall be fully described, including the nature of the trouble, necessary correction performed, and parts replaced. H. Strobes shall be flush wall mounted with the bottom of the unit located 80 inches (2,000 mm) above the floor or 6 inches (150 mm) below ceiling, whichever is lower. Locate and mount to maintain a Part 2 - Materials minimum 36 inches (900 mm) clearance from side obstructions. Work shall be installed in accordance with the manufacturer's recommendations of the equipment to 2.1 System Description: be supplied and installed under this contract. Installations and materials shall be in accordance with I. Manual pull stations shall be installed not less than 42 inches (1,050 mm) or more than 48 inches latest edition of the Uniform Building Code (UBC), National Electrical Code (NEC), and Building Industry A. The existing Fire Alarm System serving the Ft. Meade VA Medical Complex is a Simplex Fire Alarm (1,200 mm) from finished floor to bottom of device and within 60 inches (1,500 mm) of a stairway or an Consulting Service International (BICSI). System. It is the intent of this project to integrate all of the work performed under this contract into the existing Simplex Fire Alarm System. The Contractor is to provide conduits, junction boxes, cables, B. Installer Qualifications: Company specializing in installing similar systems, with minimum five years terminations, devices and equipment to form a complete and functioning Fire Alarm System that is documented experience. networked with the rest of Ft. Meade VA Medical Complex. The existing Fire Alarm Control Panel (FACP) A. Activation of any manual pull station, water flow or pressure switch, heat detector, or smoke detector 1.4 Qualifications: shall cause the following operations to occur: that serves the Second Floor is located in the Basement of Building 113 in the Electrical Switchgear Room B14B. All work performed as part of this project shall be integrated with this existing FACP. Any A. All cabling and terminations shall be by a telecommunications contractor. This contractor shall be a 1. Operate the emergency voice communication system in Building 113. For sprinkler protected subpanels or power supplies needed to be installed on Second Floor for the operation of the new certified installer with at least 5 years of verifiable experience. References may be requested. buildings, flash strobes continuously only in the zone of alarm. For buildings without sprinkler devices shall be installed in BIO MED 250. protection throughout, flash strobes continuously only on the floor of alarm. Confirm this 1.5 Warranty: B. Alarm, trouble and supervisory signals from all intelligent reporting devices shall be encoded on a operation with the Ft. Meade VA Fire Department. A. Work subject to terms of Article "Warranty of Construction," FAR clause 52.246-21. Class A (NFPA Style 4) Signaling Line Circuit (SLC). 2. Continuously sound a temporal pattern general alarm and flash all strobes in the building in C. Initiation Device Circuits (IDC) shall be wired Class A (NFPA Style C), as part of an addressable device Part 2 - Materials alarm until reset at the local fire alarm control unit in Building 113. connected by the SLC Circuit. 2.1 System Description: 3. Release only the magnetic door holders in the smoke zone on the floor from which alarm was D. Notification Appliance Circuits (NAC) shall be wired Class A (NFPA Style Y), as part of an addressable A. Provide conduits, junction boxes, cables, backboxes and speakers to form a complete and functioning device connected by the SLC Circuit. Intercom System. 4. Transmit a separate alarm signal, via the main fire alarm control unit to the fire department. 2.2 Equipment and Materials, General: B. The existing Access Control System is being replaced with a Johnson Controls C-CURE 9000 Access Unlock the electrically locked exit doors on the floor of the alarm. A. All equipment and components shall be new unless specifically noted that certain components maybe Control System. All new devices shall be provided by Johnson Controls that match similar devices being B. Heat detectors in elevator machine rooms shall, in addition to the above functions, disconnect all reused. All equipment and components shall be manufactured by Simplex and be UL listed for use with installed in other areas. All wiring shall be installed in conduit back to the new C-Cure Control Panel to power to all elevators served by that machine room after a time delay. The time delay shall be the existing Simplex FACP. The authorized representative of the manufacturer of the major equipment be installed in Bio Med 250/Data 252. The new devices and control panel will need to be integrated into programmed within the fire alarm system programming and be equal to the time it takes for the car to shall certify that the installation complies with all manufacturers' requirements and that satisfactory the head end equipment of the C-CURE 9000 control system with all programming included as part of travel from the highest to the lowest level, plus 10 seconds. total system operation has been achieved. this project. Johnson Controls out of Sioux Falls, South Dakota is the servicing vendor that shall be hired for modifications and integration of this system. POC Jason Klocker at (605)362-5325. C. Smoke detectors in the primary elevator lobbies of Buildings 113 shall, in addition to the above 2.3 Conduit, Boxes and Wire: functions, return all elevators in the bank to the secondary floor. SECTION 283100 FIRE DETECTION AND ALARM SYSTEM - VOICE EVACUATION A. Conduit shall be in accordance with Section 26 05 33 RACEWAY AND BOXES FOR ELECTRICAL D. Smoke detectors in the remaining elevator lobbies, elevator machine room, or top of hoist way shall, SYSTEMS. All new conduits shall be installed in accordance with NFPA 70. Conduit fill shall not exceed 40 in addition to the above functions, return all elevators in the bank to the primary floor. percent of interior cross sectional area. All new conduits shall be 3/4 inch (19 mm) minimum. E. Operation of a smoke detector at a corridor door used for automatic closing shall also release only the B. All wiring for the Fire Alarm System shall be installed in conduit. Wiring shall be in accordance with A. Submit floor plan layout using AutoCAD 2020 or newer and include all contractor's information. magnetic door holders on that floor. NEC article 760 and as recommended by the manufacturer of the fire alarm system. All wires shall be Layering shall be by VA criteria as provided by the Contracting Officer's Representative (COR). Bid color coded. Number and size of conductors shall be as recommended by the fire alarm system drawing files in AutoCAD format will be provided to the Contractor upon request. The contractor shall F. Operation of duct smoke detectors shall cause a system supervisory condition and shut down the be responsible for verifying all critical dimensions shown on the drawings provided by VA showing all manufacturer, but not less than 18 AWG for initiating device circuits and 14 AWG for notification device ventilation system and close the associated smoke dampers as appropriate. Fire Alarm devices and equipment to include cabling interconnection. G. Operation of any sprinkler or standpipe system valve supervisory switch, high/low air pressure switch, B. Floor plans: Provide locations of all devices (with device number at each addressable device C. Terminal Boxes, Junction Boxes, and Cabinets shall be galvanized steel in accordance with UL or fire pump alarm switch shall cause a system supervisory condition. corresponding to control unit programming), appliances, panels, equipment, junction/terminal requirements. All boxes shall be sized and installed in accordance with NFPA 70. Covers shall be cabinets/boxes, risers, electrical power connections, individual circuits and raceway routing, system H. Alarm verification shall not be used for smoke detectors installed for the purpose of early warning repainted red in accordance with Section 09 91 00, PAINTING and shall be identified with white zoning; number, size, and type of raceways and conductors in each raceway; conduit fill calculations markings as "FA" for junction boxes and as "FIRE ALARM SYSTEM" for cabinets and terminal boxes. with cross section area percent fill for each type and size of conductor and raceway. Only those devices Lettering shall be a minimum of 3/4 inch (19 mm) high. Terminal boxes and cabinets shall have a volume connected and incorporated into the final system shall be on these floor plans. Do not show any A. Provide the service of a NICET level III, competent, factory trained engineer or technician authorized 50 percent greater than required by the NFPA 70. Minimum sized wire shall be considered as 14 AWG removed devices on the floor plans. Show all interfaces for all fire safety functions. by the manufacturer of the fire alarm equipment to technically supervise and participate during all of for calculation purposes. Terminal boxes and cabinets shall have identified pressure type terminal strips Detailed wiring diagrams: Provide for control panels, modules, power supplies, electrical power the adjustments and tests for the system. Make all adjustments and tests in the presence of the COR. and shall be located at the base of each riser. Terminal strips shall be labeled as specified or as approved connections, auxiliary relays and annunciators showing termination identifications, size and type by the COR. B. When the systems have been completed and prior to the scheduling of the final inspection, furnish conductors, circuit boards, LED lamps, indicators, adjustable controls, switches, ribbon connectors, 2.4 Standby Power Supply: testing equipment and perform the following tests in the presence of the COR. When any defects are wiring harnesses, terminal strips and connectors, spare zones/circuits. Diagrams shall be drawn to a scale sufficient to show spatial relationships between components, enclosures and equipment detected, make repairs or install replacement components, and repeat the tests until such time that the A. Contractor shall perform power calculations to determine the number of power supplies needed to complete fire alarm systems <u>meets</u> all contract requirements. After the system has passed the initial test support the revised Second Floor Fire Alarm System. Contractor to also provide appropriate power to and been approved by the COR, the contractor may request a final inspection. D. Provide power supply and battery calculations as noted within this specification. these panels from Life Safety Panel 2CLS. Contractor shall supply the correct number of power supplies 1. Before energizing the cables and wires, check for correct connections and test for short and then calculate power needed for the battery backup system. The Contractor shall provide the E. Two weeks prior to final inspection, the Contractor shall deliver to the COR 3 sets of as-built drawings circuits, ground faults, continuity, and insulation. revised battery backup system to meet the revised load. The calculations for these systems shall be and one set of the as-built drawing computer files (using AutoCAD 2019 or newer). As built drawings included as part of the shop drawing submittal. The battery system shall have sufficient capacity to (floor plans) shall show all new and/or existing conduit used for the fire alarm system. 2. Test the insulation on all installed cable and wiring by standard methods as recommended by power the fire alarm system for not less than 24 hours plus 5 minutes of alarm to an end voltage of 1.14 volts per cell, upon a normal AC power failure. If required the battery charge shall also be upgraded to A. NOTE: All components shall be as specified or be 100% compatible (ie, completely interchangeable, 3. Run water through all flow switches. Check time delay on water flow switches. Submit a meet the new load requirements. report listing all water flow switch operations and their retard time in seconds. B. Materials list of items proposed to be provided under this section. 2.5 Alarm Notification Appliances: 4. Open each alarm initiating and notification circuit to see if trouble signal actuates. C. Manufacturer's specifications and other data needed to provide compliance with the specified A. Speakers, speaker strobes and strobes shall all match the existing equipment. While speakers, Ground each alarm initiation and notification circuit and verify response of trouble signals. speaker strobes and strobes are shown diagrammatically on the plans, the contractor will be responsible 3.4 Final Inspection and Acceptance: for meeting sound pressure requirements and visual requirements as required by NFPA 72. Audio 1.3. Project Record Documents: Record actual locations of devices and equipment along with all cabling amplifiers shall be provided as needed to ensure sound pressure levels are met. A. Prior to final acceptance a minimum 30 day "burn in" period shall be provided. The purpose shall be A. Submit simultaneously with the shop drawings, companion copies of complete maintenance and to allow equipment to stabilize and potential installation and software problems and equipment 2.6 Alarm Initiating Devices: operating manuals including technical data sheets for all items used in the system, power requirements, malfunctions to be identified and corrected. During this diagnostic period, all system operations and A. Manual Pull Stations; Smoke Detectors; Duct Smoke Detectors; Heat Detectors; Water Flow and malfunctions shall be recorded. Final acceptance will be made upon successful completion of the "burn dimensions, and information for ordering replacement parts. Wiring diagrams shall have their terminals in" period and where the last 14 days is without a system or equipment malfunction. Pressure Switches; and Address Reporting Interface Devices shall all match existing equipment. While identified to facilitate installation, operation, expansion, and maintenance. Wiring diagrams shall smoke detectors and heat detectors are shown on the plans, the contractor will be responsible for B. At the final inspection a factory trained representative of the manufacturer of the major equipment indicate internal wiring for each item of equipment and the interconnections between the items of providing shop drawings and layouts that meet NFPA 72 requirements. shall repeat the tests in Article 3.3 TESTS and those required by NFPA 72. In addition the representative equipment. Include complete listing of all software used and installation and operation instructions shall demonstrate that the systems function properly in every respect. The demonstration shall be made B. All new Duct Smoke Detectors shall be supplied with an approved duct housing mounted exterior to including the input/output matrix chart. Provide a clear and concise description of operation that gives, in the presence of a VA representative. the duct and shall have perforated sampling tubes extending across the full width of the duct (wall to in detail, the information required to properly operate, inspect, test and maintain the equipment and system. Provide all manufacturer's installation limitations including but not limited to circuit length wall). Detector placement shall be such that there is uniform airflow in the cross section of the duct. limitations. Include information indicating who will provide emergency service and perform post Duct Smoke Detectors shall be supplied with Monitoring/Test Stations. Monitoring/Test Stations shall be contract maintenance. Provide a replacement parts list with current prices. Include a list of installed in an accessible area and labeled as to the system served (e.g. "DUCT SMOKE DETECTOR AHU-A. The manufacturer's authorized representative shall provide instruction and training to the VA as recommended spare parts, tools, and instruments for testing and maintenance purposes. A computerized preventive maintenance schedule for all equipment. The schedule shall be provided on 1. Four 2-hour sessions to Engineering and Fire Department staff for detailed operation of the disk in a computer format acceptable to the VAMC and shall describe the protocol for preventive system. Two sessions at the completion of installation and 2 sessions 3 months after the maintenance of all equipment. The schedule shall include the required times for systematic A. New Door Holders shall be standard wall mounted electromagnetic type. In locations where doors do examination, adjustment and cleaning of all equipment. A printout of the schedule shall also be not come in contact with the wall when in the <u>full</u> open position, an extension post shall be added to the provided in the manual. Provide the disk in a pocket within the manual. Furnish manuals in 3 ring loose- door bracket. B. The Contractor and/or the Systems Manufacturer's representative shall provide a typewritten leaf binder or manufacturer's standard binder. A printout for all devices proposed on each signaling line "Sequence of Operation" including a trouble shooting guide of the entire system for submittal to the VA. B. Operation shall be by 24 volt DC supplied from a battery located at the fire alarm control unit. Door circuit with spare capacity indicated. The sequence of operation will be shown for each input in the system in a matrix format and provided in holders shall be coordinated as to voltage, ampere drain, and voltage drop with the battery, battery B. Two weeks prior to final inspection, deliver 4 copies of the final updated maintenance and operating a loose-leaf binder. When reading the sequence of operation, the reader will be able to guickly and charger, wiring and fire alarm system for operation as specified. manual to the COR. easily determine what output will occur upon activation of any input in the system. The INPUT/OUTPUT C. A maximum of twelve door holders shall be provided for each circuit. Door holders shall be wired to matrix format shall be as shown in Appendix A to NFPA 72. allow releasing doors by smoke zone. A. Work shall be installed in accordance with the manufacturer's recommendations of the equipment to D. Door holder control circuits shall be electrically supervised. A. Digitized voice messages shall be provided for each smoke zone of Buildings. The messages shall be be supplied and installed under this contract. Installations and materials shall be in accordance with arranged with a 3 second alert tone, a "Code Red" or "Nurse Blaze" of "Doctor Firestone" message and a latest edition of the Uniform Building Code (UBC), NFPA 70 National Electrical Code (NEC), NFPA 72 F. Smoke detectors shall not be incorporated as an integral part of door holders. description of the fire alarm area (building number, floor, level and smoke zone). A sample of such a National Fire Alarm and Signaling Code, NFPA 101 Life Safety Code and Building Industry Consulting message is as follows: Service International (BICSI). Alert Tone B. The installing company shall employ NICET (minimum Level II Fire Alarm Technology) technicians on site to guide the final check-out and to ensure the systems integrity. The equipment supplier shall employ NICET (minimum Level III fire alarm technology) technician at their local office to prepare installation drawings and verify compliance with the specifications. Building One Thirteen, Second Floor, East Wing C. Installer Qualifications: Manufacturer authorized distributor and installer of Simplex Fire Alarm Systems, with minimum five years documented experience for installing Fire Alarm System. The manual Building One Thirteen, Second Floor, East Wing shall be updated to include any information necessitated by the maintenance and operating manual approval. Complete "As installed" wiring and schematic diagrams shall be included that shows all items of equipment and their interconnecting wiring. Show all final terminal identifications. Complete listing of Building One Thirteen, Second Floor, East Wing all programming information, including all control events per device including an updated input/output matrix. Certificate of Installation as required by NFPA 72 for each building. The certificate shall identify any variations from the National Fire Alarm Code. Certificate from equipment manufacturer assuring compliance with all manufacturers installation requirements and satisfactory system operation. one eighth inch = one foot

0 4 8 16 **Drawing Title Project Title Project Number** CONSULTANTS ARCHITECT OF RECORD STAMP VA #568-14-110 Office of **ELECTRICAL SPECIFICATIONS** Reformat spec RENOVATE AND CONSOLIDATE WPE #BR21020 **BID DOCUMENTS** Construction INPATIENT FUNCTIONS **Building Number** STRUCTURAL MECHANICAL / ELECTRICAL / PLUMBING: STONE GROUP ARCHITECTS, INC. and Facilities 113 319 N. MAIN AVE. WEST PLAINS ENGINEERING, INC. **Drawing Number** Management Albertson Engineering Inc SIOUX FALLS, SD 57104 FORT MEADE, SOUTH DAKOTA West Plains Engineering, Inc STONE GROUP 605.271.1144 **FULLY SPRINKLERED** Rapid City, South Dakota 57702 Rapid City, South Dakota 57702 ARCHITECTS Checked Drawn EA103 **TODD STONE, AIA VA** U.S. Department of Veterans Affairs Phone: 605-343-9606 Phone: 605-348-7455 MRS VLS 06/10/2022 Revision# Description

VA FORM 08 - 6231