

BUILDING CODES, GUIDE AND MANUALS

NOTE: ALL WORK IS TO BE PERFORMED TO THE LATEST EDITION OF THE FOLLOWING CODES, ORDINANCES, AND LAWS WHICH INCLUDE, BUT ARE NOT LIMITED TO:

- VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE INFORMATION ON THE TECHNICAL INFORMATION LIBRARY (TIL)
- INTERNATIONAL BUILDING CODE (IBC) (ONLY WHEN SPECIFICALLY REFERENCED IN VA DESIGN DOCUMENTS)
- 2018 NFPA 101 LIFE SAFETY CODE
- 2018 IBC
- NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS
- VA SEISMIC DESIGN REQUIREMENTS, H-18-9
- NATIONAL ELECTRICAL CODE (NEC)
- INTERNATIONAL PLUMBING CODE (IPC)
- ASME BOILER AND PRESSURE VESSEL CODE
- ASME CODE FOR PRESSURE PIPING
- ARCHITECTURAL BARRIER ACT ACCESSIBILITY STANDARDS (ABAA) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PS-18-13)
- VA FIRE PROTECTION DESIGN MANUAL
- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318)
- MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
- DOE INTERIM FINAL RULE: ENERGY CONSERVATION STANDARDS FOR NEW FEDERAL, COMMERCIAL, AND MULTI-FAMILY HIGH-RISE RESIDENTIAL BUILDINGS AND NEW LOW-RISE RESIDENTIAL BUILDINGS, 10 CFR PARTS 433, 434, AND 435
- FEDERAL LEADERSHIP IN HIGH PERFORMANCE AND SUSTAINABLE BUILDINGS: MEMORANDUM OF UNDERSTANDING (MOU)
- EXECUTIVE ORDER 13834
- THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS, STATED IN THE GENERAL REQUIREMENTS SECTION 01010 IF THE VA MASTER CONSTRUCTION SPECIFICATION
- VENTILATION FOR THE ACCEPTABLE INDOOR AIR QUALITY - ASHRAE STANDARD 62.1 - 2004
- SAFETY STANDARD FOR REFRIGERATION SYSTEMS - ASHRAE STANDARD 15 - 2007
- ENERGY POLICY ACT OF 2005 (EPACT)

CODE INFORMATION

PROJECT INFORMATION:

- CONSTRUCTION PURPOSE: RENOVATION
- REASON FOR SUBMITTAL: RENOVATION
- CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE THE SUBMITTED PLANS FOR THE ABOVE-REFERENCED PROJECT COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:
 - NFPA 101-18 (AND ALL REFERENCED DOCUMENTS)
 - 2018 INTERNATIONAL MECHANICAL CODE (IMC)
 - 2015 UNIFORM FLOORING CODE (UFC)
 - 2017 NATIONAL ELECTRICAL CODE (NFPA-70)
 - 2018 LIFE SAFETY CODE (NFPA-101)
 - 2015 ASHRAE ACCESSIBILITY STANDARDS
 - BARRIER FREE DESIGN
 - 2018 IBC WITH LOCAL AMENDMENTS
 - ASHRAE STANDARD 90.1 (2007)
 - ASHRAE 62.1 (2007)
- LOCATION OF ANY ANTICIPATED FUTURE ADDITIONS: UNKNOWN
- OWNER: DEPARTMENT OF VETERANS AFFAIRS
OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT
500 NORTH 5TH STREET
HOT SPRINGS, SD 57147
- DESIGN TEAM:
 - STONE GROUP ARCHITECTS - 605-271-1144
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FIRE-RESISTANCE REQUIREMENTS, CONSTRUCTION TYPE V (111)

STRUCTURAL FRAME:			
COLUMNS:	EXISTING / 1HR	NFPA - A-3.2.1.2	
GIRDERS:	EXISTING / 1HR	NFPA - A-3.2.1.2	
TRUSSES:	EXISTING / 1HR	NFPA - A-3.2.1.2	
BEARING WALLS:	EXISTING / 1HR	NFPA - A-3.2.1.2	
EXTERIOR BEARING WALLS:	EXISTING / 1HR	NFPA - A-3.2.1.2	
BEARING WALLS INTERIOR:	EXISTING / 1HR	NFPA - A-3.2.1.2	
NON-BEARING WALLS:	0 HR	NFPA - A-3.2.1.2	
EXTERIOR NON-BEARING WALLS:	SEE LIFE PLANS		
FLOOR CONSTRUCTION:	EXISTING / 1HR	NFPA - A-3.2.1.2	
FLOOR AND FLOORCEILING:	EXISTING / 1HR	NFPA - A-3.2.1.2	
PRIME & SEC. BEAMS & JOISTS:	EXISTING / 0HR	NFPA - A-3.2.1.2	
ROOF CONSTRUCTION:	EXISTING / 1HR	NFPA - A-3.2.1.2	
ROOF AND ROOFCEILING:	EXISTING / 0HR	NFPA - A-3.2.1.2	
PRIME & SEC. BEAMS & JOISTS:	EXISTING / 0HR	NFPA - A-3.2.1.2	
OTHER:			
SHAFTS & EXIT PASSAGEWAYS:	1HR	NFPA - 33.2.3.1.3 & 6.5	
ELEVATOR (ACCESSIBLE EGRESS):	2HR	NFPA - 9.4/ASME 17.1	

ARRANGEMENT OF MEANS OF EGRESS

BUSINESS OCCUPANCY - FULLY SPRINKLERED	
TRAVEL DISTANCE (NFPA 101 39.2.6.3)	300 FT
COMMON PATH OF TRAVEL (NFPA 101 39.2.5.3.1)	100 FT
DEAD END (NFPA 101 39.2.5.2)	50 FT
LARGE RESIDENTIAL BOARD AND CARE - FULLY SPRINKLERED	
TRAVEL DISTANCE	125 FT
WITHIN ROOM TO CORRIDOR (NFPA 101 33.3.2.6.2)	100 FT
CORRIDOR DOOR TO EXIT (NFPA 101 33.3.2.6.3.1)	100 FT
COMMON PATH OF TRAVEL (NFPA 101 33.2.5.3)	150 FT
DEAD END (NFPA 101 33.3.2.5.4)	50 FT

PLUMBING	WATER	LAVATORIES	SHOWER	DRINKING	SERVICE
EXISTING					
BUSINESS	1 PER 25 (FIRST 50)	1 PER 40 (FIRST 80)		1 PER 100	1 SINK
REQUIRED	2	2		1 OF	1 SINK
RESIDENTIAL	1 PER UNIT	1 PER UNIT	1 PER UNIT		1 SINK
REQUIRED	14 WC	14 LAVS	14 SHWR		2 SINKS
TOTAL REQUIRED	16 WC	16 LAVS	14 SHWR	1 OF	3 SINKS
TOTAL PROVIDED	18 WC	16 LAVS	14 SHWR	2 OF	3 SINKS

PROJECT GENERAL NOTES

- A. CONTRACTOR IS NOT AUTHORIZED TO SCALE CONSTRUCTION DOCUMENTS. ARCHITECT IS TO BE NOTIFIED IN THE EVENT A DISCREPANCY IS FOUND IN EITHER SPECIFICATIONS OR CONTRACT DOCUMENTS AT THE EARLIEST PRACTICAL TIME.
- B. THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, ETC. IT WILL BE PART OF THE GENERAL CONTRACTOR SHALL OBSERVE ALL REGULATIONS IMPOSED BY GOVERNING BODIES. CONSTRUCTION SHALL PROCEED IN AN ORDERLY AND CONTINUOUS FASHION IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODES AND ORDINANCES OF THE OWNER.
- C. THE CONTRACTOR SHALL CONTAIN ALL CONSTRUCTION ACTIVITY, INCLUDING STORAGE OF MATERIAL AND EQUIPMENT, WITHIN THE CONSTRUCTION LIMITS. AT ALL TIMES BE RESPONSIBLE FOR AND ABIDING BY RULES AND REGULATIONS OF THE OWNER.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY AND ALL SURFACES DAMAGED BY HIMSELF OR SUBCONTRACTORS UNDER HIS CONTROL. REPAIRS ARE TO MATCH EXISTING MATERIALS AND MUST BE ACCEPTABLE TO OWNER.
- E. ADEQUATELY PATCH REPAIR TO MATCH ADJACENT CONSTRUCTION, ALL BUILDING STRUCTURES, COMPONENTS, AND UTILITIES WHICH ARE DISTURBED AND REQUIRE REPAIR AS A RESULT OF WORK PERFORMED UNDER THIS CONTRACT.
- F. ALL FLOOR TRANSITIONS BETWEEN DIFFERENT MATERIALS SHALL BE SMOOTH AND FLUSH (MAXIMUM SLOPE = 1/8" PER FOOT).
- G. THE GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM JOBSITE. ALL CONSTRUCTION DEBRIS SHALL BE CONTAINED INSIDE CONSTRUCTION LIMITS.
- H. ALL WALLS WITH ITEMS SUCH AS GRAB BARS, TOILET ACCESSORIES, WOOD TRIM, SHELVING, CASEWORK, ETC. SHALL BE REINFORCED WITH CONCRETE. FIRE TREATED WOOD BLOCKING OR METAL STUD BLOCKING (GENERAL CONTRACTOR TO INSTALL BLOCKING TYPE).
- I. BUILDING 5 WILL REMAIN OCCUPIED THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL TAKE EVERY NECESSARY PRECAUTION TO ENSURE THE UNINTERRUPTED OPERATION OF THE FACILITY. STAFF, PATIENTS AND VISITORS. DISRUPTION TO ADJACENT DEPARTMENTS AS WELL AS DEPARTMENTS ON FLOORS ABOVE OR BELOW SHALL BE COORDINATED WITH THE FACILITY CONTRACT OFFICER. THE CONTRACTOR SHALL COORDINATE ALL WORK, CONSTRUCTION, PATHWAYS, ELEVATOR USAGE, AND UTILITY INTERRUPTION WITH THE OWNER.
- J. CONTRACTOR TO EXERCISE ALL PRECAUTIONS TO PROVIDE FOR STAFF, PATIENTS, VISITORS, AND WORKMENS SAFETY DURING THE PERFORMANCE OF THIS CONTRACT PER FPA, OSHA, AND OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS.
- K. THE CONTRACTOR SHALL MAINTAIN & KEEP BARRIER FREE THE EXISTING MEANS OF EGRESS.
- L. ALL GYPSUM BOARD TO BE MOISTURE/MOLD RESISTANT TYPE X.
- M. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY PARTITIONS AND TEMPORARY VENTILATION SYSTEMS AS REQUIRED TO PREVENT THE SPREAD OF DUST FROM THE CONSTRUCTION AREA TO OCCUPIED AREAS OF THE BUILDING. OCCUPIED AREAS SHALL REMAIN DUST FREE THROUGHOUT THE CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE AFFECTED AREAS OF THE BUILDING (INCLUDING MATERIAL, TRANSPORT ROUTES) CLEAN AND DUST FREE.
- N. ALL WOOD USED IN WALL CONSTRUCTION SHALL BE FIRE-RETARDANT-TREATED LUMBER.
- O. ALL WRITTEN CORRESPONDENCE WILL BE TRANSMITTED FROM SUBCONTRACTOR THROUGH GENERAL CONTRACTOR THROUGH ARCHITECT TO OWNER. ALL PARTIES CORRESPONDENCE ARE TO RECEIVE WRITTEN AND SIGNED COPIES OF SUCH. NO VERBAL AGREEMENTS AFFECTING COST OR ALTERNATIVE CONSTRUCTION METHODS AND ARRANGEMENTS WILL BE CONSIDERED VALID OR BINDING, AND ARE THEREFORE DISALLOWED.
- P. GENERAL CONTRACTOR SHALL COMPLY WITH ALL DIRECTIVES OF THE OWNER. IF CONFLICTS BETWEEN DRAWINGS, SPECIFICATIONS AND REQUIREMENTS OF BUILDING OWNER AND/OR OPERATORS ARISE, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY. THE HVAC, PLUMBING AND ELECTRICAL CONTRACTORS SHALL COORDINATE THEIR WORK WITH THE WORK OF OTHER TRADES TO ASSURE THAT THE WORK CAN BE INSTALLED IN A WORKMANLIKE MANNER. EACH CONTRACTOR SHALL BE EXPECTED TO COOPERATE WITH OTHER CONTRACTORS IN THE PLACEMENT OF WORK TO AVOID CONFLICTS AND MAINTAIN JOB PROGRESS.
- Q. IT IS THE INTENT OF THESE DRAWINGS THAT A COMPLETE JOB IS TO BE ACCOMPLISHED IN PREPARING THE BID. THE BIDDER SHALL MAKE ALL OWNERS FOR DETAILS WHICH MIGHT HAVE BEEN INADVERTENTLY OMITTED FROM THE DRAWINGS.
- R. ALL EXISTING DUCTWORK, ELECTRICAL, OR PIPING IS NOT NECESSARILY SHOWN ON THE DRAWINGS. BEFORE CONTRACTORS BID THE JOB, IT IS IMPERATIVE THEY VISIT THE JOBSITE AND FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, ETC. IT WILL BE PART OF THE CONTRACTORS RESPONSIBILITY TO DESIGN AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTORS ABILITY TO INSTALL ALL NEW OR RELOCATED WORK ON HIS CONTRACT.

CONTRACTOR GENERAL NOTES

- A. ALL EXISTING DUCTWORK, ELECTRICAL, OR PIPING IS NOT NECESSARILY SHOWN ON THE DRAWINGS. BEFORE CONTRACTORS BID THE JOB, IT IS IMPERATIVE THEY VISIT THE JOBSITE AND FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, ETC. IT WILL BE PART OF THE CONTRACTORS RESPONSIBILITY AND COST TO ENGINEER AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTORS ABILITY TO INSTALL ALL NEW OR RELOCATED WORK ON HIS CONTRACT.
- B. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY PROJECT ENGINEER OF ALL DISCREPANCIES IF ANY. FOUND PRIOR TO PLACEMENT OF ANY COMPONENTS.
- C. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS INCLUDING THE BUILDING AND MAINTENANCE OF DUST TIGHT PARTITIONS, DAILY VACUUMING, SWEEPING, AND PROVISION OF CLEAN FLOOR MATS AT THE PROJECT ENTRANCES. TO PREVENT THE INFILTRATION OF DIRT AND DUST FROM THE CONSTRUCTION AREAS INTO THE OWNER OCCUPIED AREAS.
- D. PATCH ALL FINISHES WHERE DISTURBED BY THE WORK AND WHERE UNFINISHED SURFACES HAVE BEEN EXPOSED BY DEMOLITION. PATCHING MUST MATCH ADJACENT MATERIALS, COLORS, AND FINISHES. WALL SURFACES THAT ARE PATCHED SHALL HAVE THE FINISHES PAINT, VINYL, WALL COVERING, ETC. REPLACED FROM CORNER TO CORNER AND FLOOR TO CEILING.
- E. UNLESS OTHERWISE INDICATED FINISH ALL NEW FRAMES AND PARTITIONS TO MATCH SURROUNDING. NEW HOLLOW METAL LOOKS SHALL BE PAINTED SAME COLOR AS FRAMES. EXISTING PARTITIONS RECEIVING NEW DOOR FRAMES THAT HAVE VINYL WALL COVERING (VWC) SHALL HAVE THE VWC COMPLETELY REMOVED AND REPLACED WITH NEW VWC OF MATCHING TEXTURE AND COLOR.
- F. PAINT ALL EXPOSED NEW AND EXISTING PIPING, CONDUIT, WIRE MOLD, ELECTRICAL PANELS, ACCESS PANELS, ETC. TO MATCH WALL FINISH UNLESS OTHERWISE NOTED.
- G. CORRIDOR WALLS AND PLUMBING PARTITIONS SHALL BE CONSIDERED 1 HOUR FIRE RATED WALLS, UON, AND NEW OR EXISTING PENETRATIONS MUST BE SEALED ACCORDINGLY WITH APPROVED FIRESTOPPING MATERIAL. THE SAME DAY THE PENETRATION IS MADE OR DISCOVERED. ALL FLOOR SLABS, VERTICAL SHAFTS AND STAIRWELLS SHALL BE CONSIDERED 2 HOUR RATED PARTITIONS AND BE SEALED ACCORDINGLY IN THE MANNER LISTED HEREIN. PENETRATIONS THROUGH THE EXTERIOR WALLS SHALL BE SEALED WATER TIGHT.
- H. ALL NEW VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUITS, ETC. IN FINISHED ROOMS OR AREAS THROUGHOUT BUILDING, NOT ENCASED IN MASONRY OR CONCRETE CONSTRUCTION, SHALL BE FURRED IN. THE FURRING FINISHED TO MATCH THE ROOM FINISH.
- I. WHENEVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC. ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, FOUNDATIONS, ETC. UNLESS NOTED OTHERWISE. AFTER REMOVAL, ALL HOLES, WALLS, AND CEILINGS SHALL BE FINISHED TO MATCH ADJOINING SURFACES.
- J. UTILITY WORK THAT WILL REQUIRE A SHUTDOWN OF EXISTING SERVICES WILL BE DONE AFTER NORMAL WORKING HOURS (NIGHTS, WEEKENDS, HOLIDAYS, ETC.) AT NO ADDITIONAL COST TO THE GOVERNMENT. WORK MUST BE SCHEDULED WITH THE COR.
- K. WORK THAT MUST OCCUR IN OCCUPIED AREAS, SUCH AS PUBLIC CORRIDORS, OF THE MEDICAL CENTER OR DISRUPT A MEDICAL CENTER FUNCTION WILL BE DONE AT TIMES OTHER THAN NORMAL WORKING HOURS (NIGHTS, WEEKENDS, HOLIDAYS, ETC.) AT NO ADDITIONAL COST TO THE GOVERNMENT. WORK MUST BE SCHEDULED WITH THE VA PROJECT ENGINEER.
- L. ALL ELECTRICAL CIRCUITRY TO BE CONCEALED UNLESS OTHERWISE SPECIFIED. CIRCUITING FOR ELECTRIC DOOR HOLD OPENS IN MASONRY WALLS SHALL BE SURFACE RACEWAY.
- M. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS TO ELIMINATE CONFLICTS AND/OR INTERFERENCES. THE CONTRACTOR SHALL PROVIDE ALL OFFSETS, FITTINGS, TRANSITIONS, EXTENSIONS, ETC. REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM.
- N. DRAWINGS ARE DIAGRAMMATIC AND SHOW ONLY THE GENERAL ARRANGEMENT OF EACH SYSTEM. BECAUSE OF SMALL SCALE OF DRAWINGS IT IS NOT POSSIBLE TO SHOW OR INDICATE ALL BRANCHES, OFFSETS, FITTINGS, BOXS, AND ACCESSORIES WHICH MAY BE REQUIRED. CONTRACTOR MUST CAREFULLY INVESTIGATE STRUCTURAL AND FINISH CONDITIONS AFFECTING ALL WORK, FURNISHING SUCH FITTINGS, TRAPS, VALVES, BOXES, ACCESSORIES, ETC. AS MAY BE REQUIRED.
- O. LOCATIONS OF NEW EQUIPMENT, PIPING, AND ASSOCIATED ITEMS SHOWN ON THE DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND ELEVATION FOR ALL WORK, INCLUDING CONNECTIONS TO EXISTING WORK, ALL OFFSETS, FITTINGS, TRANSITIONS, EXTENSIONS, ETC. REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM SHALL BE PROVIDED AT NO ADDITIONAL COST.
- P. ALL EXISTING DUCTWORK, ELECTRICAL OR MECHANICAL PIPING, CABLE TRAYS, ETC. IS NOT NECESSARILY SHOWN ON THE DRAWINGS. BEFORE CONTRACTOR PLACES A BID IT IS IMPERATIVE THEY VISIT THE JOBSITE AND FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. IT WILL BE PART OF THE CONTRACTORS RESPONSIBILITY AND THE CONTRACTOR WILL BEAR THE COST TO ENGINEER AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTORS ABILITY TO INSTALL ALL NEW OR RELOCATED WORK IN THIS PROJECT.
- Q. CONTRACTOR SHALL NOT INSTALL CONDUIT, PIPING, LIGHTING, OR OTHER OBSTRUCTIONS UNDER OR ADJACENT TO HVAC EQUIPMENT THAT WILL ELIMINATE OR OBSTRUCT ACCESS TO COILS, MOTORS, VALVES, SWITCHES, PANELS, ETC.
- R. BEFORE THE CONTRACTOR BEGINS WORK HE MUST RECORD ANY EXISTING SYSTEM INFORMATION SUCH AS TEMPERATURE, FLOW RATE, PRESSURE, CURRENT, VOLTAGE, OR ANY OTHER INFORMATION NECESSARY FOR HIM TO RETURN THE AFFECTED SYSTEM TO ORIGINAL OPERATING CONDITION. UNLESS NOTED OTHERWISE IT IS ASSUMED THAT ALL SYSTEMS (HVAC, ELECTRICAL, PLUMBING, ETC.) ARE WORKING PROPERLY IN EVERY MANNER AT THE BEGINNING OF THE PROJECT. THE CONTRACTORS RECORDED MEASUREMENTS MUST BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND ACCEPTANCE BEFORE ANY DEMOLITION OR OTHER RELATED WORK CAN PROCEED. FOR DOORS BEING REPLACED: IF THE EXISTING DOOR HAS SIGNAGE APPLIED TO IT, THIS SIGNAGE SHOULD BE CAREFULLY REMOVED AND REAPPLIED TO THE NEW DOOR. IF THE SIGNAGE IS DAMAGED DURING REMOVAL OR CANNOT OTHERWISE BE REAPPLIED IT SHOULD BE REPLACED WITH NEW SIGNAGE OF IDENTICAL TYPE.
- S. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING ACCESS DOORS TO CONSTRUCTION AREAS, EXISTING MECHANICAL AND ELECTRICAL AREAS, ASSIGNED STORAGE AREAS, EQUIPMENT ACCESS AREAS, ETC. DOORS MUST BE RESTORED TO THE CONDITION ENCOUNTERED AT BEGINNING OF PROJECT. THIS INCLUDES DOOR REPLACEMENT, HARDWARE REPLACEMENT, HARDWARE REPAIR, DOOR REPAIR, ETC.
- T. IT IS IMPORTANT THAT ALL REPLACEMENT DOORS HAVE A GAP OF LESS THAN 3/4" BETWEEN THE BOTTOM OF THE DOOR AND THE FLOOR AT ALL POINTS. CONTRACTOR MUST COORDINATE INSTALLED DOOR FRAME HEIGHT OR MAKE OTHER NECESSARY MODIFICATIONS TO MEET THIS REQUIREMENT AND KEEP FIRE RATING OF DOOR AND FRAME. BOTTOM SWEEPERS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY STATED ON DRAWING.
- U. IF THERE IS ANY WORK TO BE DONE ON EXISTING ROOFS, SUCH AS ROOF PENETRATIONS OR STANDS, OR ANYTHING THAT DAMAGES THE INTEGRITY OF THE ROOF, THIS WORK MUST BE DONE BY A CONTRACTOR LICENSED BY THE ROOFING MEMBRANE MANUFACTURER. HE MUST BE DONE BY THE MEMBRANE MANUFACTURER SO AS TO NOT VOID OR INTERRUPT EXISTING SINGLE PLY MEMBRANE ROOF WARRANTIES.
- V. EXISTING CIRCUITRY (CONDUIT, BOXES, WIRE, ETC.) MAY BE REUSED AT THE CONTRACTORS OPTION AS LONG AS IT MEETS THE SAME SPECIFICATIONS REQUIRED FOR NEW CIRCUITRY. ALL WORK, NEW AND EXISTING, SHALL COMPLY WITH THE LATEST NEC CODE.
- W. WHERE DOOR AND HARDWARE ARE SHOWN TO BE REMOVED, THE DOOR STOPS ARE TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.

INFECTION CONTROL RISK ASSESSMENT			
INFECTION CONTROL COORDINATOR		PATIENT RISK GROUP (only modify as appropriate)	
Y	N	Y	N
A. Inspection, non-invasive activity-includes, but not limited to removal of ceiling tiles for inspection (150 sq ft), painting (not sanding), wall covering, electrical trim work, minor plumbing, activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection.		Low Risk (ex Office Areas)	
B. Small scale, short duration, moderate to high levels-includes but not limited to installation of telephone/computer cabling, access to chase spaces, cutting of walls or ceiling where dust migration can be controlled.		Medium Risk (ex Cardiology, ECHO, Endoscopy, Nuclear Medicine, Physical Therapy, Radiology/MRI, Respiratory Therapy)	
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 not limited to sanding of walls for painting or wall covering, removal of floor coverings, ceiling tiles, and casework; new wall construction; minor duct work or electrical work above the ceilings; major cabling activity; any activity which cannot be completed in a single work shift.		High Risk (ex CCU, ER, Labor & Delivery, Laboratories (specimen), Neonatal Nursery, Outpatient Surgery, Pediatrics, Post Anesthesia care, Surgical Units)	
D. Major duration construction activities-includes, but not limited to: activities that require consecutive work shifts; requires heavy demolition or removal of a complete ceiling system; new construction.		Highest Risk (ex Any area serving for activities that require consecutive work shifts; requires heavy demolition or removal of a complete ceiling system; new construction)	
Patient Risk Group		Patient Risk Group	
LOW Risk	TYPE A	TYPE B	TYPE C
MEDIUM Risk	TYPE A	TYPE B	TYPE C
HIGH Risk	TYPE A	TYPE B	TYPE C
HIGHEST Risk	TYPE A	TYPE B	TYPE C
Upon Completion of Project			
CLASS I			
1. Execute work by methods to minimize raising dust from construction operations.			
2. Immediately replace any ceiling tile displaced by visual inspection.			
3. Include all items from Class I above.			
4. Provides active means to prevent air-borne dust from dispersing into atmosphere.			
5. Water mist work surface to control dust while cutting.			
6. Seal unused doors with duct tape.			
7. Block off and seal air vent.			
8. Place dust mat at access points of work area.			
9. Contain construction waste before transport in tightly covered containers.			
10. Isolate HVAC system in areas where work is being performed to prevent contamination of duct system.			
CLASS II			
1. Wipe surfaces with disinfectant.			
2. Contain construction waste before transport in tightly covered containers.			
3. We map and vacuum with HEPA filtered vacuum before leaving work area.			
4. Remove isolation of HVAC system in areas where work is being performed.			
CLASS III			
1. Include all items from Class III above.			
2. Involve Infection Control in decontaminating before construction begins.			
3. Complete all critical barriers (i.e. sheetrock, plywood, plastic, a seal area from non-work area or implement control cube method) with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit before construction begins.			
4. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.			
5. Cover transport receptacles or carts. Tape covering unless solid lid.			
CLASS IV			
1. Include all items from Class III/III above.			
2. Involve Infection Control in decontaminating before construction begins.			
3. Seal holes, pipes, conduits, and punctures appropriately.			
4. If testing a patient care area, construct anteroom and require all personnel to pass through this room to they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave the work site.			
5. Walk-off mats are recommended to minimize tracking of heavy dirt and dust from construction areas. Shoe covers may be considered in certain areas.			
ICRA PROJECT CLASS:			
If YES, describe intervention:			
Additional Requirements:			

PRE-CONSTRUCTION RISK ASSESSMENT (PCRA)			
Project #		Est. Start Date:	
Project Title:		Est. Duration:	
Area of Construction:			
Contractor/Supervisor:			
PCRA Completed by:			
SAFETY/ENGINEERING			
Y	N	IF YES, CIRCLE ISLM FROM list below or describe other intervention	
		Will exits or exit egress routes from occupied areas change?	
		Will the construction area have less than two remote exits?	
		Will there be excessive distance to exit?	
		Will access to Emergency Services become blocked or obstructed?	
		Will any part of the fire protection systems (detection, notification or suppression) be shut down or impaired for >4 hours in a 24-hour period?	
		Will any temporary construction partitions be built?	
		Will the project result in the accumulation of construction debris?	
		Will construction affect grounds safety (pits, storage, equipment, etc.)?	
		Will construction present other life safety hazards?	
		Will protection of hazardous areas be compromised?	
INTERVENTION			
A. Ensure Alternate Egress Routes	E. Additional Fire Fighting Equipment	J. Additional Training of Emergency Personnel	
B. Ensure Alternate Emergency Access	F. Control Combustible Loads	K. Ensure Additional Employee Education	
C. Fire Department Notification	G. Conduct 2 Fire Drills Per Shift in All Areas	L. Institute a Fire Watch with documentation	
D. Ensure Smoke-Tight Temporary Construction	H. Increase Hazard Surveillance Rounds	M. Post temporary signage	
Y N CONSTRUCTION ACTIVITY			
IF YES, describe intervention			
Will there be any anticipated utility shutdowns? (Communications, electrical, heating/cooling, HVAC, medical gases, vacuum, water, sewer)			
Will noise levels be excessive?			
Will vibration levels be excessive?			
Will additional security measures be implemented?			
Additional Requirements:			
PATIENT SAFETY COORDINATOR			
Y N CONSTRUCTION ACTIVITY			
Does this project involve a patient care area either directly or adjacent to?			
List:			
Do areas involved have knowledge of construction?			
List:			
Does this project alter patient access building/patient care area, either temporarily or permanently?			
IF YES, indicate intervention:			
Access			
1. The new temporary access path should be intuitive, i.e. easy to follow.			
2. Signage should be adequate for delineating visual acuity and at appropriate viewing levels for both ambulating and w/c bound individuals.			
3. The access path should be smooth, without tripping hazards.			
4. The access path should be handicap accessible.			
Construct on Area/ Materials			
1. Construction areas should not be accessible by unauthorized personnel.			
2. Construction areas should be visually identified.			
3. Construction materials and tools should be moved and stored appropriately to preclude unauthorized access.			
Critical clinical alarms shall be functional and audible within and adjacent to the construction zone? Including but not limited to:			
a. Emergency CODE Systems			
b. Medical Gas Alarms (Oxygen, Air, Suction)			
c. Wanders guard technology			
d. Vital Sign Monitoring/Telemetry Systems			
e. Medication/Nutrition Pumps			
f. Nurse Call Systems			
Additional Requirements:			

PROJECT LOCATION:

Evaluated Item	YES	NO	Joint Commission ISLM Administrative Actions	If answer is "Yes", see actions required to be taken	Training/Review Date
Will any exit be obstructed?	<input type="checkbox"/>	<input type="checkbox"/>	Ensuring unobstructed exits. When alternative exits have been designed, staff members in affected areas must receive additional training. Buildings or areas under construction must maintain escape routes for construction workers at all times, and the means of exiting construction areas are inspected daily.	Personnel in the building will receive training on alternate routes and exits	Date:
Will any entrance be obstructed to limit the access to emergency services?	<input type="checkbox"/>	<input type="checkbox"/>	Ensuring free and unobstructed access to emergency services and for fire, police, and other emergency forces.	The construction plans will be reviewed to ensure proper access and will be maintained.	Date:
Will any fire detection or suppression system be impaired for > 8 hours in a 24 hour period?	<input type="checkbox"/>	<input type="checkbox"/>	Ensuring that the fire detection and suppression systems are in good working order. A temporary but equivalent system must be provided when any fire system is tested monthly.	Contractor will be briefed to schedule work to minimize time systems impaired and notify appropriate offices prior to system being impaired	Date:
Will construction be open to other areas without any smoke tight barriers?	<input type="checkbox"/>	<input type="checkbox"/>	Ensuring that temporary construction partitions are smoke tight and built of noncombustible of limited combustible materials that will not contribute to the development or spread of fire.	Contractor will be briefed at pre-construction conference of requirement	Date:
Will fire hazard be substantially higher?	<input type="checkbox"/>	<input type="checkbox"/>	Providing additional firefighting equipment and training staff in its use.	Contractor will be briefed at the pre-construction conference for the need to provide adequate firefighting equipment and training construction employees	Date:
Will smoking be permitted in construction areas?	<input type="checkbox"/>	<input type="checkbox"/>	Prohibiting smoking throughout the organization's buildings and in and near construction areas.	Refer to Fargo VA HCS Smoking Policy	Date:
Will storage, housekeeping and debris removal practices increase the fire load?	<input type="checkbox"/>	<input type="checkbox"/>	Developing and enforcing storage, housekeeping, and debris removal practices that reduce the building's flammable and combustible fire load to the lowest feasible level.	Contractor will be briefed at preconstruction conference of requirement	Date:

July 2015

ISLM EVALUATION

START DATE:

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

ISLM Required: ☐ Yes ☐ No

ISLM Issue Date: Evaluation determines no ISLM needed

Prepared by

Reviewed By

CONSULTANTS

STRUCTURAL:
ALBERTSON ENGINEERING, INC.
3202 W. MAIN ST., #C
RAPID CITY, SD 57702
605-343-9606
STEPHEN KILBER
Albertson Engineering Inc.

MEP:
WEST PLAINS ENGINEERING, INC.
3202 W. MAIN ROAD
RAPID CITY, SD 57702
605-348-7455
MIKE SIGMAN (ELEC)
MICHAEL HEINRICH (MECH)

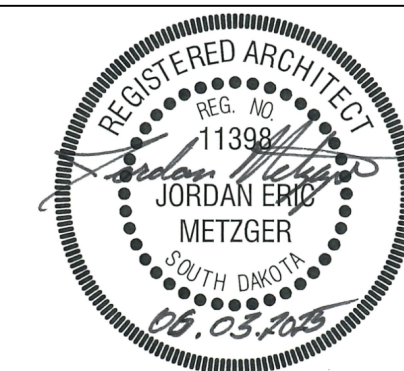
WEST PLAINS ENGINEERING, INC.

DESIGNER OF RECORD

A/E:
STONE GROUP ARCHITECTS
600 EAST 7TH ST.
SIOUX FALLS, SD 57103
605-271-1144
TODD STONE

STONE GROUP ARCHITECTS

STAMP



Office of Construction and Facilities Management

VA

U.S. Department of Veterans Affairs

Drawing Title

CODE REVIEW, PCRA, ICRA, ISLM, GEN NOTES

Approved

DOUG SPRINKLE

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

DOM RENOVATION FOR SEMIPRIVATE ROOMS

Location

HOT SPRINGS, SD

Issue Date

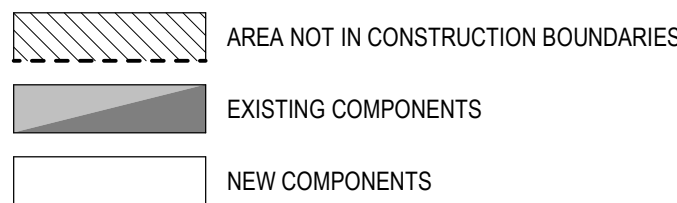
06/03/2025

Checked

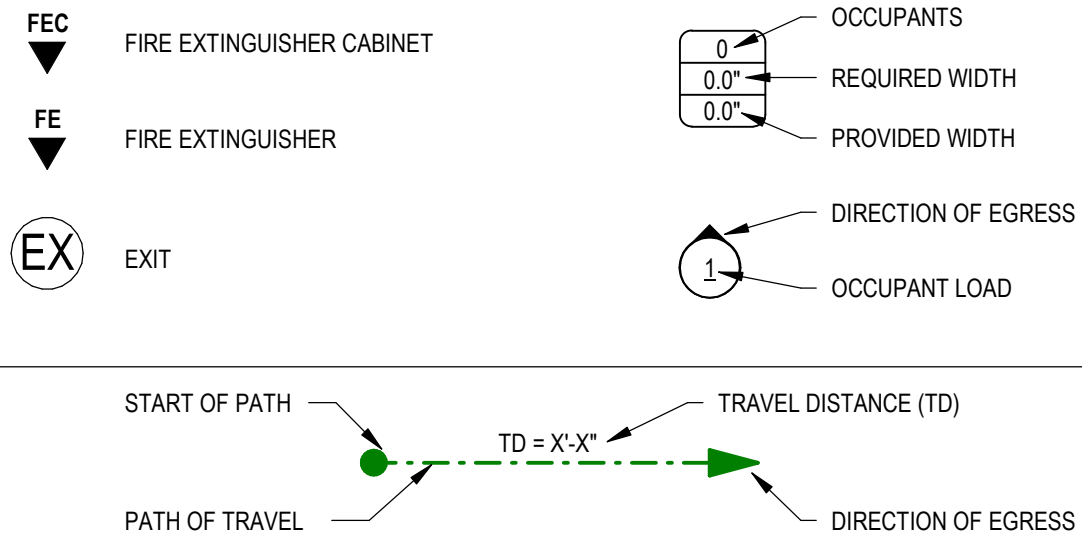
JMB/GT/M

THREE INCHES - ONE FOOT (3" = 1'-0")
ONE AND ONE HALF INCHES - ONE FOOT (1 1/2" = 1'-0")
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ONE HALF INCH - ONE FOOT (1/2" = 1'-0")
ONE QUARTER INCH - ONE FOOT (1/4" = 1'-0")
ONE EIGHTH INCH - ONE FOOT (1/8" = 1'-0")
ONE SIXTEENTH INCH - ONE FOOT (1/16" = 1'-0")

CONSTRUCTION LEGEND



CODE & EGRESS SYMBOL LEGEND



BUILDING & LIFE SAFETY REQUIREMENT LEGEND

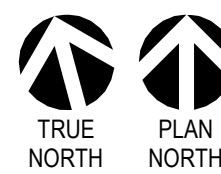
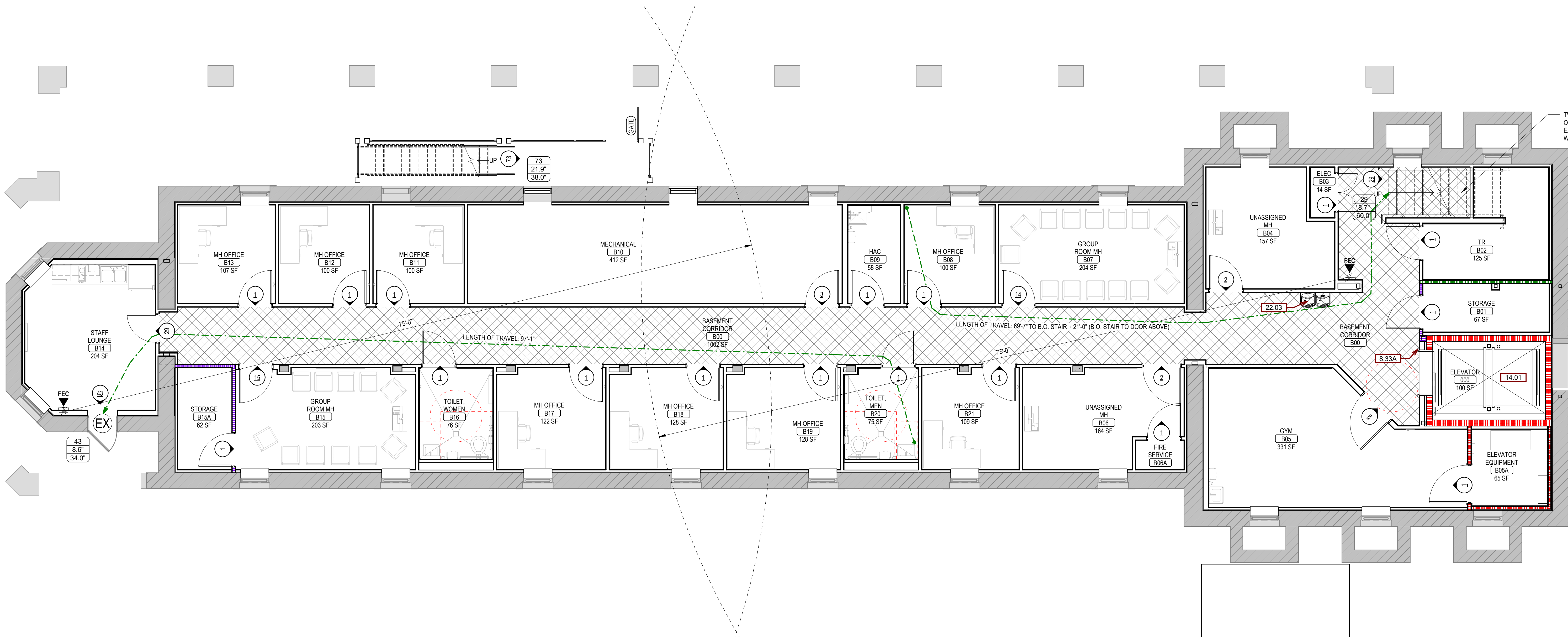
PARTITION KEY	WALL RATING	DESCRIPTION	NFPA 101-2021 IBC 2023	RATING	OPENINGS		DAMPERS	
					REFERENCE	TYPE	REFERENCE	
---	2 HOUR	FIRE WALL: BUILDING SEPARATION	NFPA 8.2.1.3 IBC 716.1	90 MIN	NFPA 8.3.3.2.2 IBC 716.1	FIRE 90 MIN	N/A	
---		FIRE BARRIER: OCCUPANCY/AREA SEPARATION	NFPA 8.2.1.3 IBC 716.1	90 MIN	NFPA 8.3.3.2.2 IBC 716.1	FIRE 90 MIN	NFPA 8.3.4.3, 9.2.1	
---		FIRE BARRIER: HORIZONTAL EXIT & REFUGE AREA	NFPA 7.1.3.2	90 MIN	NFPA 8.3.3.2.2	FIRE 90 MIN	NFPA 8.3.4.3, 9.2.1	
---	1 HOUR	FIRE BARRIER	NFPA 8.7.1.1 IBC 716.1	45 MIN	NFPA 8.3.3.2.2, 8.7.1.1 IBC 716.1	N/A	N/A	
---	1 HOUR	SMOKE BARRIER SUBDIVIDING SPACES	NFPA 8.5 IBC 716.1	20 MIN	NFPA 8.3.3.2.2, 19.3.7.8 IBC 716.1	SMOKE 90 MIN	NFPA 8.5.5.3	
---	NR	SMOKE PARTITION (SPRINKLERED) HAZARDOUS/INCIDENTAL USE	NFPA 8.4.2 NFPA 8.7.1.2	NR	NFPA 8.7.1.2	VARIES	NFPA 8.4.4	
---	0.5 HOUR	SMOKE PARTITION SLEEPING RM SEPARATION REQ	NFPA 8.4.2 NFPA 32.3.3.6	NR	NFPA 8.3.3.2.2, 8.4 NFPA 32.3.3.6	VARIES	NFPA 8.4.4, 8.4.6.2	
---	NR	EXIT ACCESS CORRIDOR (SPRINKLERED) CORRIDOR WALLS	NFPA 8.4.2 IBC 407.3	NR	NFPA 8.4.3	VARIES	NFPA 8.4.4, 8.4.6.2	
---	2 HR	FIRE BARRIER VERTICAL EXIT ENCLOSURE(SHAFT 2 HR = 4 OR MORE STORIES)	NFPA 8.6 IBC 716.1	90 MIN	NFPA 8.3.3.2.2 IBC 716.1	NOT ALLOWED UNLESS SERVING STAIR ONLY	N/A	
---	1 HR	FIRE BARRIER HORIZONTAL EXIT PASSAGEWAY	NFPA 7.2.6	60 MIN	NFPA 8.3.3.2.2	NOT ALLOWED	N/A	
---	2 HR	FIRE BARRIER VERTICAL EXIT PASSAGEWAY	NFPA 8.6	90 MIN	NFPA 8.3.3.2.2	N/A	NFPA 8.6.4	
---	1 HR			60 MIN				

KEYNOTES

KEY VALUE	KEYNOTE TEXT
8.33A	SMOKE GUARD CURTAIN. INSTALL FLUSH WITH CEILING.
14.01	ELEVATOR
22.03	B LEVEL ADA DRINKING FOUNTAIN W/ BOTTLE FILLING STATION. REF PLUMB & SPECS.

GENERAL CODE NOTES

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- SMOKE SEALS TO BE INSTALLED AT ALL RATED DOORS.
- SMOKE SEALS TO BE INSTALLED AT NON RATED SMOKE PARTITION & BARRIER DOORS UNLESS OTHERWISE NOTED.



D5

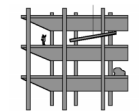
LIFE SAFETY PLAN - BASEMENT

3/16" = 1'-0"

ISSUE #	BID DOCUMENTS	DATE
1	BID DOCUMENTS	06/03/2025

CONSULTANTS

STRUCTURAL:
ALBERTSON ENGINEERING, INC.
3202 W. MAIN ST., #C
RAPID CITY, SD 57702
605-343-9606
STEPHEN KILBER



Albertson Engineering Inc.

MEP:
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1750 RAND ROAD
RAPID CITY, SD 57702
605-348-7455
MIKE SIGMAN (ELEC)
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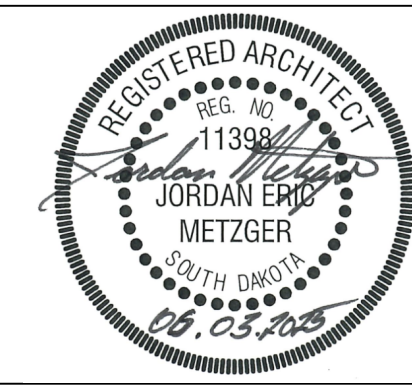
DESIGNER OF RECORD

A/E:
STONE GROUP ARCHITECTS
600 EAST 7TH ST.
SIOUX FALLS, SD 57103
605-271-1144
TODD STONE



STONE GROUP
ARCHITECTS

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans Affairs

Drawing Title
LIFE SAFETY PLAN - BASEMENT

Approved
DOUG SPRINKLE

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
DOM RENOVATION FOR
SEMPRIVATE ROOMS

Location
HOT SPRINGS, SD

Issue Date
06/03/2025

Checked
JM/GB/TM

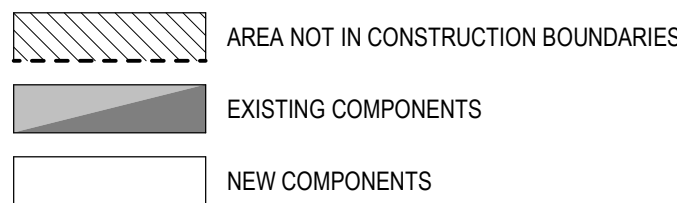
Drawn
TL/KK

Project Number
VA #568A4-21-208
SGA #211921
Building Number
8

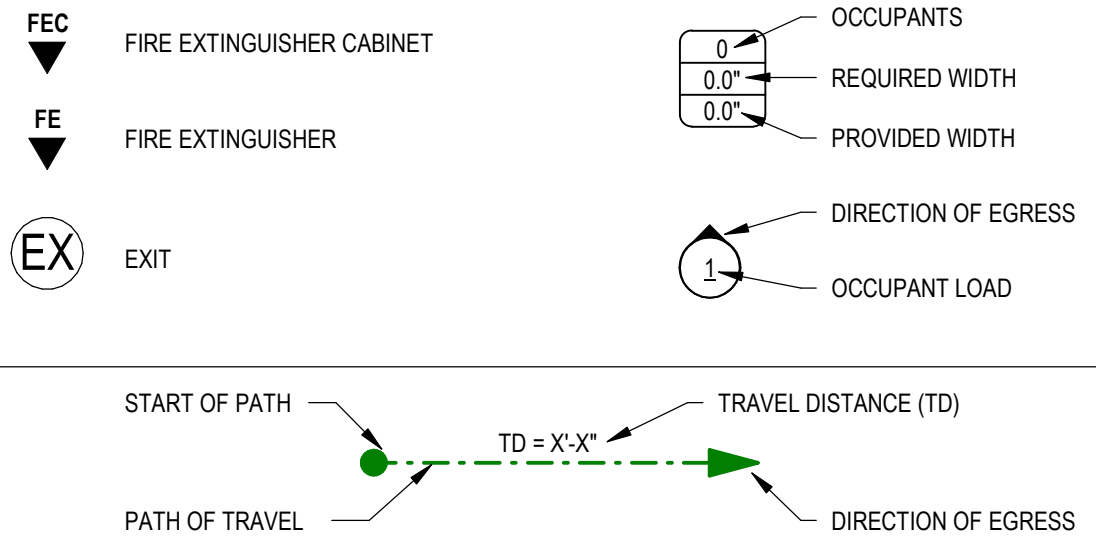
Drawing Number
G1100

THREE INCHES - ONE FOOT (3" = 1'-0")
ONE AND ONE HALF INCHES - ONE FOOT (1 1/2" = 1'-0")
ONE INCH - ONE FOOT (1" = 1'-0")
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ONE EIGHTH INCH - ONE FOOT (1/8" = 1'-0")

CONSTRUCTION LEGEND



CODE & EGRESS SYMBOL LEGEND



BUILDING & LIFE SAFETY REQUIREMENT LEGEND

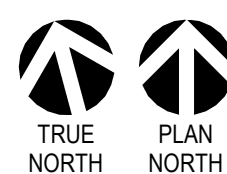
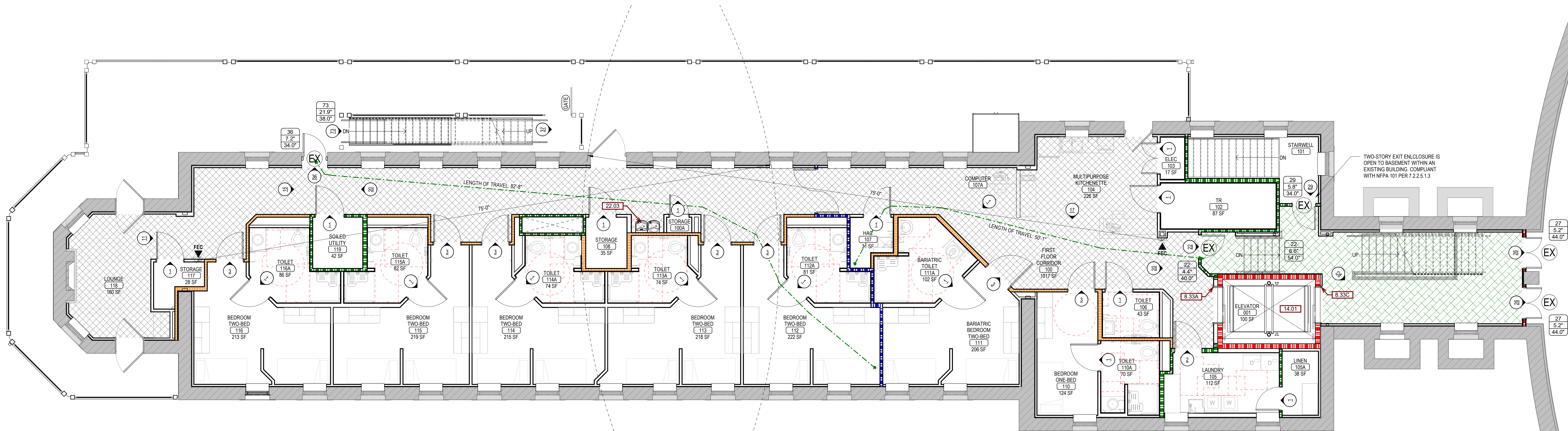
PARTITION KEY	WALL RATING	DESCRIPTION	NFPA 101-2021 IBC 2023	RATING	OPENINGS		DAMPERS	
					REFERENCE	TYPE	REFERENCE	
---	2 HOUR	FIRE WALL: BUILDING SEPARATION	NFPA 8.2.1.3 IBC 716.1	90 MIN	NFPA 8.3.3.2.2 IBC 716.1	FIRE	90 MIN	N/A
---	2 HOUR	FIRE BARRIER: OCCUPANCY/AREA SEPARATION	NFPA 8.2.1.3 IBC 716.1	90 MIN	NFPA 8.3.3.2.2 IBC 716.1	FIRE	90 MIN	NFPA 8.3.4.3, 9.2.1
---	2 HOUR	FIRE BARRIER: HORIZONTAL EXIT & REFUGE AREA	NFPA 7.1.3.2	90 MIN	NFPA 8.3.3.2.2	FIRE	90 MIN	NFPA 8.3.4.3, 9.2.1
---	1 HOUR	FIRE BARRIER	NFPA 8.7.1.1 IBC 716.1	45 MIN	NFPA 8.3.3.2.2, 8.7.1.1 IBC 716.1	N/A	N/A	N/A
---	1 HOUR	SMOKE BARRIER SUBDIVIDING SPACES	NFPA 8.5 IBC 716.1	20 MIN	NFPA 8.3.3.2.2, 19.3.7.8 IBC 716.1	SMOKE	90 MIN	NFPA 8.5.5.3
---	NR	SMOKE PARTITION HAZARDOUS/INCIDENTAL USE	NFPA 8.4.2 NFPA 8.7.1.2	NR	NFPA 8.7.1.2	VARIES		NFPA 8.4.4
---	0.5 HOUR	SMOKE PARTITION SLEEPING RM SEPARATION REQ	NFPA 8.4.2 NFPA 32.3.3.6	NR	NFPA 8.3.3.2.2, 8.4 NFPA 32.3.3.6	VARIES		NFPA 8.4.4, 8.4.6.2
---	NR	EXIT ACCESS CORRIDOR (SPRINKLERED) CORRIDOR WALLS	NFPA 8.4.2 IBC 407.3	NR	NFPA 8.4.3	VARIES		NFPA 8.4.4, 8.4.6.2
---	2 HR	FIRE BARRIER VERTICAL EXIT ENCLOSURE(SHAFT 2 HR = 4 OR MORE STORIES)	NFPA 8.6 IBC 716.1	90 MIN	NFPA 8.3.3.2.2 IBC 716.1	NOT ALLOWED UNLESS SERVING STAIR ONLY		N/A
---	1 HR	FIRE BARRIER HORIZONTAL EXIT PASSAGEWAY	NFPA 7.2.6	60 MIN	NFPA 8.3.3.2.2	NOT ALLOWED		N/A
---	2 HR	FIRE BARRIER VERTICAL EXIT PASSAGEWAY	NFPA 8.6	90 MIN	NFPA 8.3.3.2.2	N/A		NFPA 8.6.4
---	1 HR	FIRE BARRIER VERTICAL EXIT PASSAGEWAY	NFPA 8.6	60 MIN	NFPA 8.3.3.2.2	N/A		NFPA 8.6.4

KEYNOTES

KEY VALUE	KEYNOTE TEXT
8.33A	SMOKE GUARD CURTAIN. INSTALL FLUSH WITH CEILING.
8.33C	EXPOSED SMOKE GUARD CURTAIN.
14.01	ELEVATOR.
22.03	B LEVEL ADA DRINKING FOUNTAIN W/ BOTTLE FILLING STATION. REF PLUMB & SPECS.

GENERAL CODE NOTES

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- G. SMOKE SEALS TO BE INSTALLED AT ALL RATED DOORS.
- H. SMOKE SEALS TO BE INSTALLED AT NON RATED SMOKE PARTITION & BARRIER DOORS UNLESS NOTED OTHERWISE.



D5 LIFE SAFETY PLAN - FIRST FLOOR
3/16" = 1'-0"

ISSUE #	BID DOCUMENTS	DATE
1	BID DOCUMENTS	06/03/2025

CONSULTANTS

STRUCTURAL:
ALBERTSON ENGINEERING, INC.
3202 W. MAIN ST., #C
RAPID CITY, SD 57702
605-343-9606
STEPHEN KILBER

Albertson Engineering Inc.

MEP:
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1750 RAND ROAD
RAPID CITY, SD 57702
605-348-7455
MIKE SIGMAN (ELEC)
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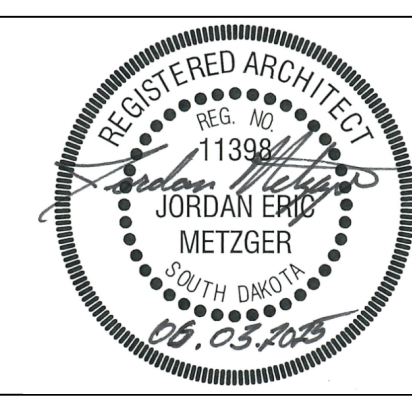
WPE WEST PLAINS ENGINEERING, INC.

DESIGNER OF RECORD

A/E:
STONE GROUP ARCHITECTS
600 EAST 7TH ST.
SIOUX FALLS, SD 57103
605-271-1144
TODD STONE

STONE GROUP ARCHITECTS

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans Affairs

Drawing Title
LIFE SAFETY PLAN - 1ST FLOOR

Approved
DOUG SPRINKLE

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
DOM RENOVATION FOR
SEMIPRIVATE ROOMS

Location
HOT SPRINGS, SD

Issue Date
06/03/2025

Checked
JM/GB/TM

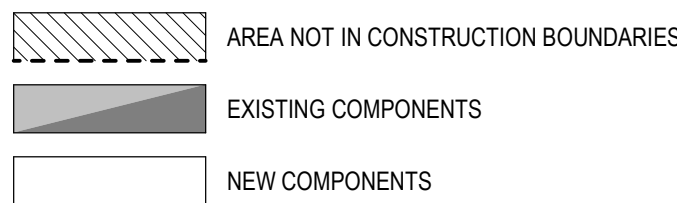
Drawn
TL/KK

Project Number
VA #568A4-21-208
SGA #211921
Building Number
8

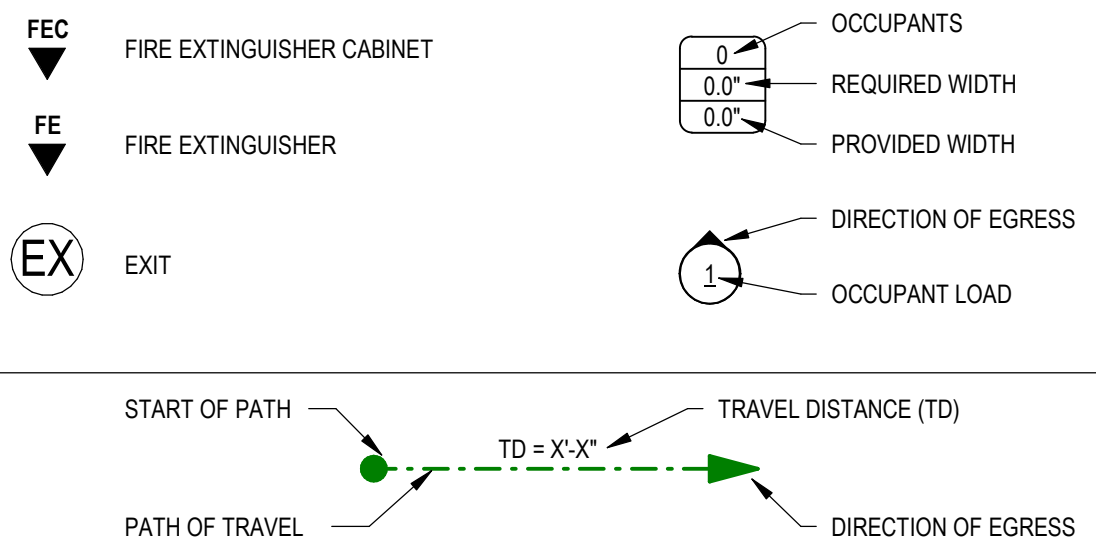
Drawing Number
G1101

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CONSTRUCTION LEGEND



CODE & EGRESS SYMBOL LEGEND



BUILDING & LIFE SAFETY REQUIREMENT LEGEND

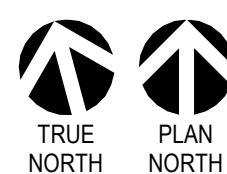
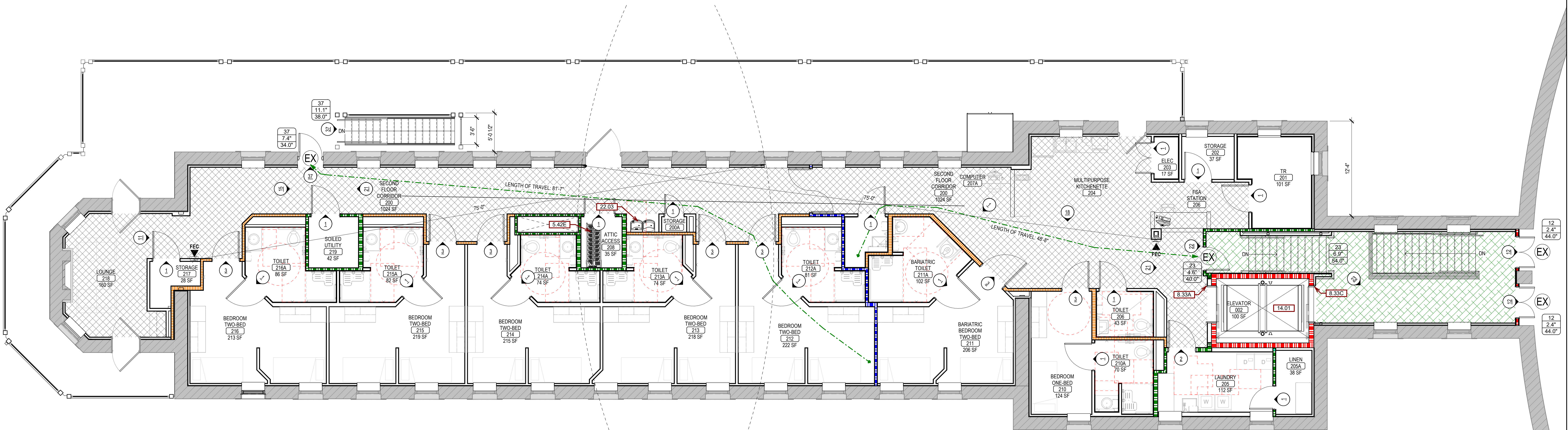
PARTITION KEY	WALL RATING	DESCRIPTION	NFPA 101-2021 IBC 2023	RATING	OPENINGS		DAMPERS	
					REFERENCE	TYPE	REFERENCE	
---	2 HOUR	FIRE WALL: BUILDING SEPARATION	NFPA 8.2.1.3 IBC 716.1	90 MIN	NFPA 8.3.3.2.2 IBC 716.1	FIRE	90 MIN	N/A
---	2 HOUR	FIRE BARRIER: OCCUPANCY/AREA SEPARATION	NFPA 8.2.1.3 IBC 716.1	90 MIN	NFPA 8.3.3.2.2 IBC 716.1	FIRE	90 MIN	NFPA 8.3.4.3, 9.2.1
---	2 HOUR	FIRE BARRIER: HORIZONTAL EXIT & REFUGE AREA	NFPA 7.1.3.2	90 MIN	NFPA 8.3.3.2.2	FIRE	90 MIN	NFPA 8.3.4.3, 9.2.1
---	1 HOUR	FIRE BARRIER	NFPA 8.7.1.1 IBC 716.1	45 MIN	NFPA 8.3.3.2.2, 8.7.1.1 IBC 716.1	N/A		N/A
---	1 HOUR	SMOKE BARRIER SUBDIVIDING SPACES	NFPA 8.5 IBC 716.1	20 MIN	NFPA 8.3.3.2.2, 19.3.7.8 IBC 716.1	SMOKE	90 MIN	NFPA 8.5.5.3
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---	2 HR	FIRE BARRIER VERTICAL EXIT PASSAGEWAY	NFPA 8.6	90 MIN	NFPA 8.3.3.2.2	N/A		NFPA 8.6.4
---	1 HR			60 MIN				

KEYNOTES

KEY VALUE	KEYNOTE TEXT
8.42E	PAINTED STEEL STAIR W/ ALTERNATING TREADS.
8.33A	SMOKE GUARD CURTAIN. INSTALL FLUSH WITH CEILING.
8.33C	EXPOSED SMOKE GUARD CURTAIN.
14.01	ELEVATOR.
22.03	B-LEVEL ADA DRINKING FOUNTAIN W/ BOTTLE FILLING STATION. REF PLUMB & SPECS.

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- E. DIMENSIONS ARE TO FACE OF FRAMING, CENTERLINE OF EQUIPMENT, CENTERLINE OF FIXTURE, OR GRID UNLESS OTHERWISE NOTED. DIMENSIONS ARE TO FACE OF FINISH ON INTERIOR ELEVATIONS AND/OR WHERE THE ABBREVIATION "CL" IS USED UNLESS OTHERWISE NOTED.
- F. SMOKE SEALS TO BE INSTALLED AT ALL RATED DOORS.
- G. SMOKE SEALS TO BE INSTALLED AT NON RATED SMOKE PARTITION & BARRIER DOORS UNLESS OTHERWISE NOTED.

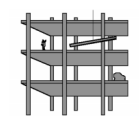


D5 LIFE SAFETY PLAN - SECOND FLOOR
3/16" = 1'-0"

ISSUE #	BID DOCUMENTS	DATE
1	BID DOCUMENTS	06/03/2025

CONSULTANTS

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STEPHEN KILBER



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WPE WEST PLAINS ENGINEERING, INC.

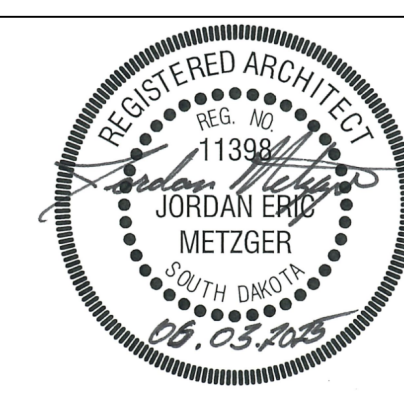
DESIGNER OF RECORD

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STONE GROUP ARCHITECTS

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans Affairs

Drawing Title
LIFE SAFETY PLAN - 2ND FLOOR

Approved
DOUG SPRINKLE

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
DOM RENOVATION FOR
SEMIPRIVATE ROOMS

Location
HOT SPRINGS, SD

Issue Date
06/03/2025

Checked
JM/GB/TM

Drawn
TL/KK

Project Number
VA #568A4-21-208
SGA #211921
Building Number
8

Drawing Number
G1102

GENERAL SITE NOTES

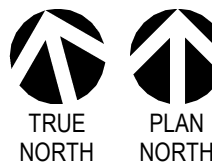
- A. ANY DISCREPANCIES OR CONFLICTS FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT & THE OWNER BEFORE PROCEEDING WITH THE WORK.
- B. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE DRAWINGS.
- C. CONTRACTOR & SUBCONTRACTORS TO VERIFY ALL EXISTING CONDITIONS AT THE PROJECT SITE. ALL MATERIALS & EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- D. DETAILS SHOWN ARE TYPICAL UON. SIMILAR DETAILS APPLY IN SIMILAR CONDITIONS.
- E. SEE STRUCTURAL, MECHANICAL, ELECTRICAL, & PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- F. DIMENSIONS ARE TO FACE OF FRAMING, CENTERLINE OF EQUIPMENT, CENTERLINE OF FIXTURE, OR GRID UON. DIMENSIONS ARE TO FACE OF FINISH ON INTERIOR ELEVATIONS AND/OR WHERE THE ABBREVIATION "CLF" IS USED UON.
- G. SEE MECHANICAL & ELECTRICAL PLANS FOR LOCATIONS OF HOSE BIBS & EXTERIOR OUTLETS. PROTECT ALL EXISTING UTILITIES UON.

GENERAL DEMOLITION NOTES

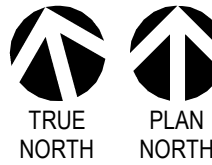
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- G. PROTECT ALL EXISTING UTILITIES UON.
- H. WHERE APPLICABLE, ROOF PROTECTION IS TO BE PROVIDED FOR EXISTING ROOFS DURING ALL PHASES OF CONSTRUCTION.
- I. PATCH REMAINING EXISTING CONSTRUCTION AFFECTED BY DEMOLITION AS NEEDED.
- J. PATCHING AND/OR INFILL TO MATCH EXISTING CONSTRUCTION & FINISHES UON.
- K. EXISTING ITEMS TO REMAIN ARE SHOWN IN GRAY.
- L. EXISTING ITEMS TO BE DEMOLISHED ARE SHOWN WHITE WITH DASHED LINES.
- M. INFILL OF FIRE PARTITION PENETRATIONS/OPENINGS SHALL MAINTAIN THE INTEGRITY OF THE RATING.
- N. CONTRACTOR TO COORDINATE RELOCATION AND/OR STORAGE OF SALVAGED ITEMS WITH THE OWNER UON.
- O. REFERENCE HAZARDOUS MATERIALS, MECHANICAL DEMOLITION, AND/OR PLUMBING DEMOLITION SHEETS FOR INFORMATION REGARDING DEMOLITION OF HAZARDOUS MATERIALS.
- P. SEE STRUCTURAL DETAILS FOR INFORMATION REGARDING INFILL OF EXISTING STRUCTURAL FLOOR & ROOF PENETRATIONS.
- Q. ALL CONSTRUCTION WASTE PRODUCED BY DEMOLITION TO BE PROPERTY OF CONTRACTOR UON.
- R. PLUMBING ON BASEMENT LEVEL TO BE REMOVED TO BELOW THE FLOOR AND CAPPED. SEE STRUCTURAL FOR CONCRETE PATCH DETAILS.
- S. EXISTING INTERIOR PAINTED WOOD SURFACES TO BE STRIPPED TO BARE WOOD AND PREPARED FOR NEW STAIN FINISH. EXISTING EXTERIOR PAINTED WOOD SURFACES TO BE STRIPPED TO BARE WOOD AND PREPARED FOR NEW PAINT.
- T. STRIP EXISTING STAINED WOOD WINDOWS, TRIM, AND SILLS. PREPARE FOR NEW STAIN FINISH. EXISTING WOOD TRIM AND SILLS TO BE REMOVED AND SALVAGED AS NECESSARY FOR REINSTALLATION.

KEYNOTES

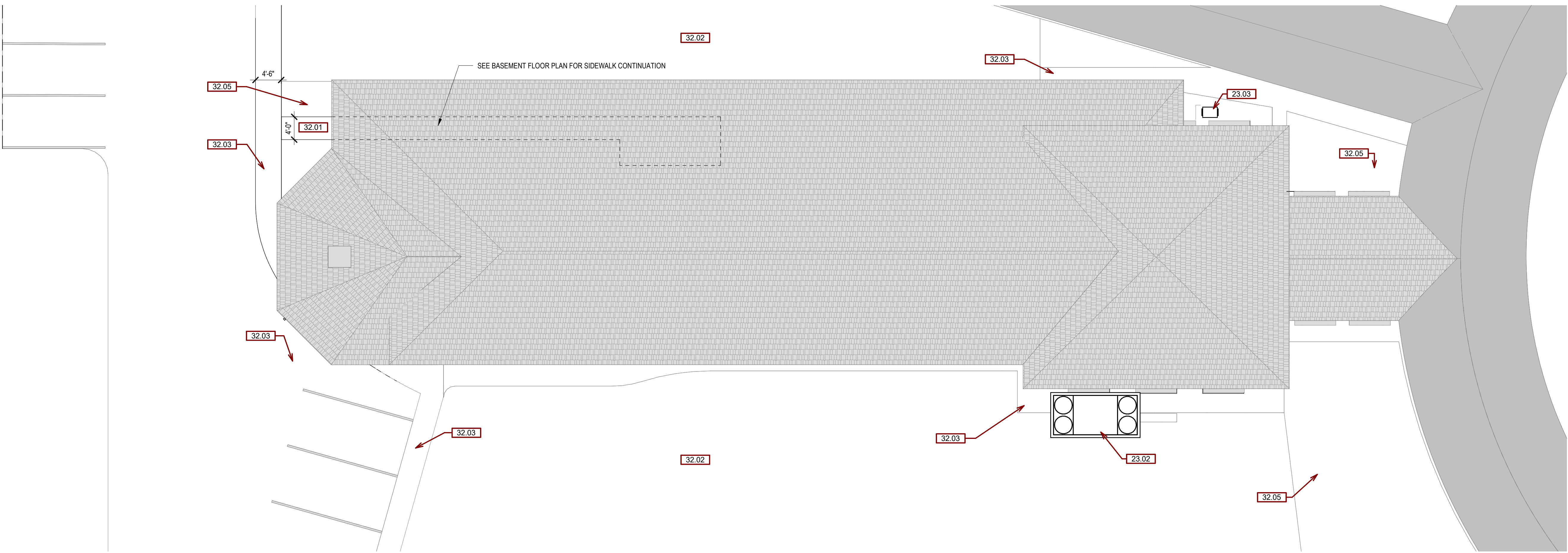
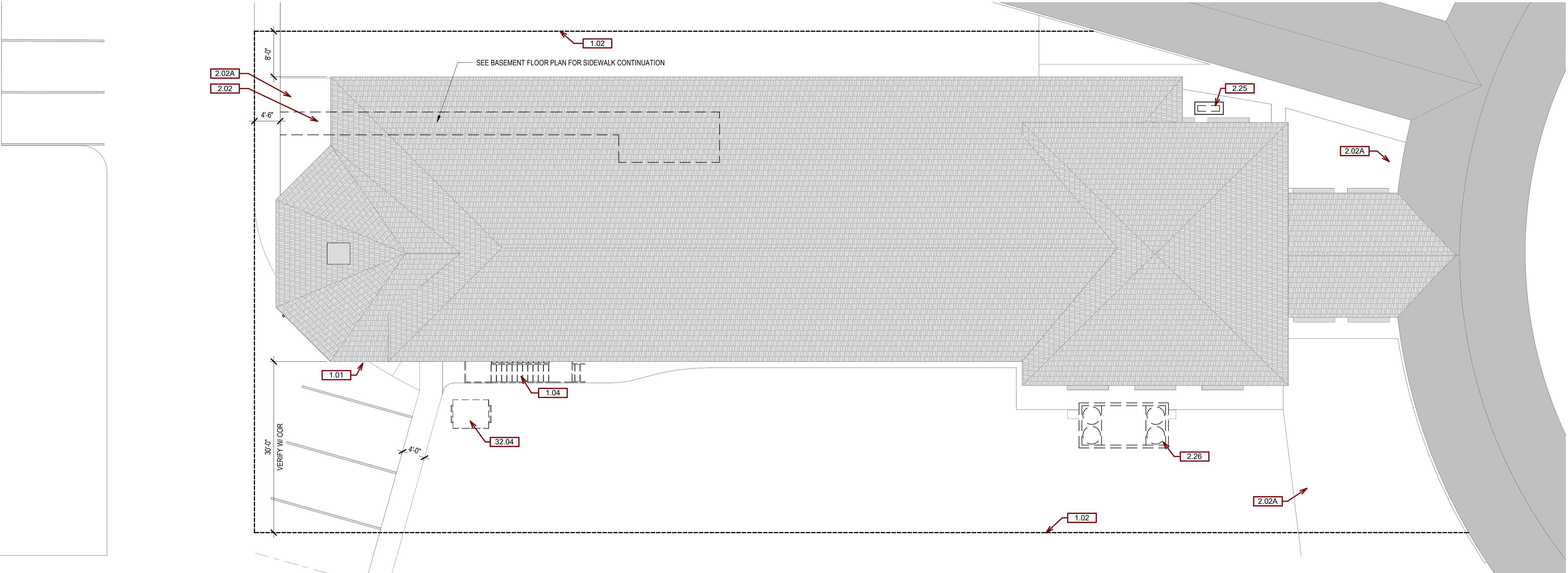
KEY VALUE	KEYNOTE TEXT
1.01	CONTRACTOR'S ENTRANCE.
1.02	7'-0" CONSTRUCTION FENCE.
1.04	STAIR TO BE REMOVED. MAY RETAIN AS NECESSARY FOR USE DURING DEMOLITION/CONSTRUCTION. CONFIRM W/ COR.
2.02	REMOVE LANDSCAPE ROCK FOR NEW SIDEWALK.
2.02A	EXISTING LANDSCAPE ROCK TO REMAIN.
2.25	REMOVE MECH ELEMENT. CONCRETE SLAB TO REMAIN. SEE MECHANICAL.
2.26	REMOVE MECH ELEMENT. CONCRETE SLAB. CANOPY. SEE MECHANICAL.
23.02	MECH ELEMENT ON NEW CONCRETE PAD. SEE MECHANICAL.
23.03	MECH ELEMENT ON EXISTING CONCRETE PAD. SEE MECHANICAL.
32.01	NEW 4" CONCRETE SIDEWALK OVER GRANULAR SUB-BASE.
32.02	REPAIR/REPLACE LAWN WHERE DISTURBED BY CONSTRUCTION ACTIVITIES. CONFIRM FINAL GRADING IS AWAY FROM BUILDING.
32.03	REPAIR/REPLACE DAMAGED CONCRETE WALK AND/OR PARKING FROM CONSTRUCTION ACTIVITIES.
32.04	REMOVE DUMPSTER.
32.05	REPAIR LANDSCAPE ROCK DISRUPTED BY CONSTRUCTION.



B5 SITE PLAN - DEMOLITION
1" = 10'-0"



D5 SITE PLAN
1" = 10'-0"



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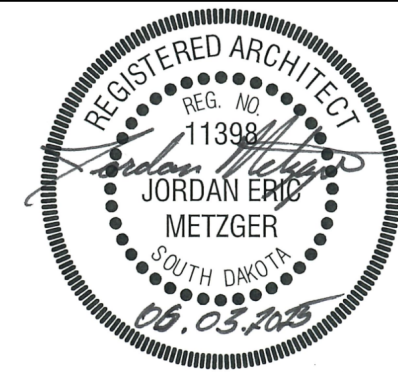
WPE WEST PLAINS ENGINEERING, INC.

DESIGNER OF RECORD

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