U.S. DEPARTMENT OF VETERANS AFFAIRS
ROYAL C. JOHNSON VETERANS MEMORIAL MEDICAL CENTER
RENOVATE PREOPERATIVE CARE UNIT
BUILDING #5
SIOUX FALLS, SOUTH DAKOTA
VA #438-19-101
11/06/20 - BID SET

COMMON ABBREVIATIONS

SYMBOLS USED AS ABBREVIATIONS:

&	AND
L	ANGLE
LL	DOUBLE ANGLE
@	AT
d	PENNEY
#	POUND OR NUMBER
Ø	ROUND OR DIAMETER

ABBREVIATIONS:

A/E	ARCHITECT/ENGINEER
AB	ANCHOR BOLT/ROD
ABV	ABOVE
AC	ASPHALTIC CONCRETE/AIR
AC	CONDITIONER
ACC	ACCESSIBLE
ACM	ALUMINUM COMPOSITE MATERIAL
ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDENDUM
ADH	ADHESIVE
ADJ	ADJUSTABLE, ADJACENT, ADJOINING
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AHJ	AUTHORITY HAVING JURISDICTION
ALT	ALTERNATE
ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECT (URAL)
ASI	ARCHITECTURAL SUPPLEMENTAL INFORMATION
BD	BOARD
BEV	BEVELED
BFF	BELOW FINISH FLOOR
BL	BRICK LEDGE
BLDG	BUILDING
BLKG	BLOCK (ING)
BM	BEAM
BOT	BOTTOM
BO	BOTTOM OF
BOC	BOTTOM OF CONCRETE
BOF	BOTTOM OF FOOTING
BRG	BEARING
BRK	BRICK
BSMT	BASEMENT
BTWN	BETWEEN
BUR	BUILT-UP ROOFING
C	CHANNEL/CELSIUS
CAB	CABINET
CB	CERAMIC BASE
CC	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CD	CONSTRUCTION DOCUMENTS
CEM	CEMENT
CF	CUBIC FEET OR FOOT
CG	CORNER GUARD
CIPC	CAST-IN-PLACE CONCRETE
CJ	CONTROL/CONSTRUCTION JOINT
CL	CENTER LINE
CLG	CEILING
CLKG	CAULKING
CLR	CLEAR, CLEARANCE
CMU	CONCRETE MASONRY UNIT
CO	CHANGE ORDER/CLEAN OUT
COL	COLUMN
COMB	COMBINATION
COMP	COMPOSITE/COMPOSITION
CONC	CONCRETE
CONN	CONNECT (ION)
CONST	CONSTRUCTION
CONT	CONTINUOUS, CONTINUE
CONTR	CONTRACT (OR)
COORD	COORDINATE
CORR	CORRUGATED/CORRIDOR
CPT	CARPET
CPPT	CARPET TILE
CSMT	CASEMENT
CT	CERAMIC TILE
CTB	CARPET TILE BASE
CTR	CENTER
D	DEPTH
DBL	DOUBLE
DEMO	DEMOLITION, DEMOLISH
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIAG	DIAGONAL
DIM	DIMENSION
DIV	DIVIDE, DIVISION
DISP	DISPENSER
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING (S)
DWR	DRAWER
DWTR	DUMBWAITER
(E)	EXISTING
E	EAST
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
EMER	EMERGENCY
ENGR	ENGINEER
EOP	EDGE OF PAVEMENT
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EPS	EXPANDED POLYSTYRENE BOARD
EPT	EPOXY PAINT
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EST	ESTIMATE
ETC	ETCETERA
ETR	EXISTING TO REMAIN
EW	EACH WAY
EXIST	EXISTING
EXC	EXCAVATE/EXCAVATION
EXH	EXHAUST
EXP	EXPANSION/EXPOSED
EXT	EXTERIOR
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FAB	FABRICATE/FABRICATION
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FFE	FINISH FLOOR ELEVATION
FIN	FINISH (ED)
FLOUR	FLUORESCENT
FLR	FLOOR (ING)
FO	FACE OF
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOF	FACE OF FINISH
FR	FIRE RESISTANT/FRAME
FRP	FIBERGLASS REINFORCED PANEL
FS	FLOOR SINK
FT	FOOT, FEET/FIRE TREATED
FTG	FOOTING
FURG	FURRING
FUT	FUTURE
GA	GAGE, GAUGE
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GI	GALVANIZED IRON
GL	GLASS
GLU LAM	GLUE LAMINATED (BEAM)
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HB	HOSE BIB
HC	HANDICAP / HOLLOW CORE
HD	HEAVY DUTY
HDBD	HARDBOARD
HDR	HEADER
HDWD	HARDWOOD
HDWR	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATION, AIR-CONDITIONING
IBC	INTERNATIONAL BUILDING CODE
ICC	INTERNATIONAL CODE COUNCIL
ID	INSIDE DIAMETER/DIMENSION
IFC	INTERNATIONAL FIRE CODE
IN	INCH(ES)
INCL	INCLUDE (D), INCLUDING
INFO	INFORMATION
INSP	INSPECTION
INSTR	INSTRUCTION(S)
INSUL	INSULATE (D), INSULATION
INT	INTERIOR
JAN	JANITOR
JST	JOIST
JT	JOINT
KCJ	KEYED CONSTRUCTION JOINT
KO	KNOCK OUT
L	LENGTH / ANGLE
LAB	LABORATORY
LAM	LAMINATE (ED)
LAV	LAVATORY
LB	POUND
LF	LINEAR FEET
LH	LEFT HAND
LKR	LOCKER
LOC	LOCATION
LONG	LONGITUDINAL
LT	LIGHT
LVR	LOUVER
LVT	LUXURY VINYL TILE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MC	MEDICINE CABINET
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURE (R)
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MIRROR
MTL	METAL
(N)	NEW
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFOI	OWNER FURNISHED/OWNER INSTALLED
OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED
OH	OVERHEAD
OPP	OPPOSITE
OPG	OPENING
ORIG	ORIGINAL
ORD	OVERFLOW ROOF DRAIN
OZ	OUNCE
PAR	PARALLEL
PCF	POUNDS PER CUBIC FOOT
PED	PEDESTAL
PERF	PERFORATED
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLMB	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PR	PAIR/PROPOSAL REQUEST
PRCST	PRECAST CONCRETE
PREFAB	PREFABRICATE
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
PT	PAINT / PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
R	RADIUS/RISER
RB	RUBBER BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REBAR	REINFORCING BAR
REC	RECESSED
REF	REFERENCE/REFRIGERATOR
REINF	REINFORCE (D), (ING), (MENT)
REQ	REQUIRE
REQD	REQUIRED
RES	RESILIENT FLOORING
RET	RETURN
REV	REVISION (S), REVISED
RFI	REQUEST FOR INFORMATION
RFP	REQUEST FOR PROPOSAL
RH	RIGHT HAND
RL	RIDGE LINE
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RVS	REVERSE (SIDE)
RWL	RAIN WATER LEADER
S	SOUTH
SB	SPLASH BLOCK
SC	SOLID CORE
SCHED	SCHEDULE
SCR	SHOWER CURTAIN ROD
SCT	SECTION
SD	SOAP DISPENSER
SF	SQUARE FOOT
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SLDG	SLIDING
SLNT	SEALANT
SND	SANITARY NAPKIN DISPENSER
SNX	SANITARY NAPKIN DISPOSAL
SOG	SLAB ON GRADE
SPEC	SPECIFICATION (S)
SQ	SQUARE
SSM	SOLID SURFACE MATERIAL
SST	STAINLESS STEEL
ST	STREET
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SW	SHEARWALL
SYM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TOWEL BAR
TBD	TO BE DETERMINED
TEMP	TEMPORARY/TEMPERED
TER	TERRAZZO
TFE	TOP FOOTING ELEVATION
THD	THREAD (ED) (S)
THK	THICKNESS
THRU	THROUGH
TKBD	TACKBOARD
TL	TILE
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE/CURB
TOD	TOP OF DECK
TOF	TOP OF FOOTING (FOUNDATION)
TOM	TOP OF MASONRY
TOP	TOP OF PIER
TOJ	TOP OF JOIST
TOS	TOP OF SLAB/STEEL
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TPO	THERMOPLASTIC POLYOLEFIN
TPTN	TOILET PARTITION
TRANS	TRANSVERSE
TS	TUBE STEEL
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
UTIL	UTILITY
V	SHEAR
VAR	VARIES
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VIN	VINYL
VR	VAPOR RETARDER
VV	VA FURNISHED / VA INSTALLED
VWC	VINYL WALL COVERING
W	WEST/WIDTH
W/	WITH
W/O	WITHOUT
WA	WEDGE ANCHOR
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD/WOODWORK
WDW	WINDOW
WF (W)	WIDE FLANGE
WG	WALL GUARD
WH	WATER HEATER
WI	WROUGHT IRON
WL	WIND LOAD
WP	WATERPROOF (ING)
WR	WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT/WINDOW TREATMENT
WWF	WELDED WIRE FABRIC

MEDICAL ABBREVIATIONS

ACPH	AIR CHANGES PER HOUR
BSC	BIOLOGICAL SAFETY CABINET
CACI	COMPUNDING ASEPTIC CONTAINER ISOLATOR
C-PEC	CONTAINMENT PRIMARY ENGINEERING CONTROL
C-SEC	CONTAINMENT SECONDARY ENGINEERING CONTROL
EPA	ENVIRONMENTAL PROTECTION AGENCY
HD	HAZARDOUS DRUG
HEPA	HIGH-EFFICIENCY PARTICULATE AIR
IV	INTRAVENEOUS
LAFW	LAMINAR AIRFLOW WORKBENCH
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PPE	PERSONAL PROTECTIVE EQUIPMENT
SOP	STANDARD OPERATING PROCEDURE
UPS	UNINTERUPTED POWER SOURCE

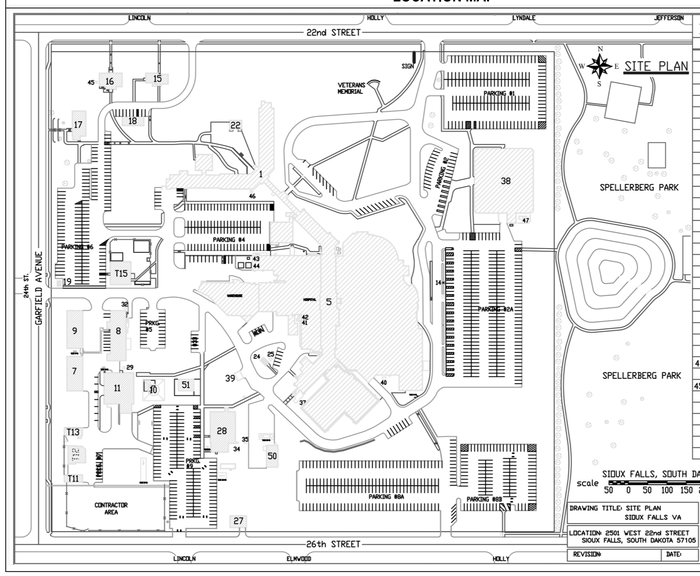
SYMBOLS LEGEND

- BATT INSULATION
- GYPSUM BOARD
- EARTH
- CONCRETE
- RIGID INSULATION
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW CONSTRUCTION
- WOOD ROUGH (CONTINUOUS)
- WOOD ROUGH (SPACED)
- PLYWOOD
- BLOCK WALL/VENEER
- DIMENSION LINE
- BREAK LINE
- DETAIL INDICATOR (X / X-XX)
- DETAIL INDICATOR (X / X-XX)
- SECTION INDICATOR (X / X-XX)
- ELEVATION INDICATOR, EXTERIOR (X / X-XX, X / X-XX)
- ELEVATION INDICATOR (X / X-XX)
- ELEVATION INDICATOR, INTERIOR, SINGLE VIEW (X / X-XX)
- ELEVATION INDICATOR, INTERIOR MULTIPLE VIEW (X / X-XX, X, X, X)
- CENTER LINE INDICATOR
- CONTRACT LIMIT LINE
- DEMOLITION LINE
- EXISTING TO REMAIN
- FEATURE ABOVE LINE INDICATOR
- FIRE RESISTIVE RATED LINE, 1 HOUR
- FIRE RESISTIVE RATED LINE, 2 HOUR
- FIRE RATED, FIRE/SMOKE BARRIER LINE, 1 HOUR
- FIRE RATED, FIRE/SMOKE BARRIER LINE, 2 HOUR
- FIRE RATED, SMOKE BARRIER LINE, 1 HOUR
- FIRE RATED, SMOKE BARRIER LINE, 2 HOUR
- HIDDEN LINE FEATURES
- NEW LINE
- OWNER FURNISHED, OWNER INSTALLED
- OWNER FURNISHED, CONTRACTOR INSTALLED
- CORNER GUARD (CG)
- FIRE EXTINGUISHER CABINET (FE)
- WALL OR PARTION TYPE (XX)
- KEYNOTE (XX)
- COLUMN GRID (1 / A)
- ROOM NAME AND NUMBER (ROOM / XX)
- DOOR OPENING/BORROWED LIGHT IDENTIFIER (XX)
- DRAWING TITLE, TYPICAL (XX / DRAWING TITLE / XX=XX)
- DETAIL INDICATOR FOR SMALL CONDITIONS (XX / X-XX)
- CENTER LINE
- NORTH ARROW (NORTH)

SHEET INDEX

TOTAL SHEET COUNT: 70

LOCATION MAP

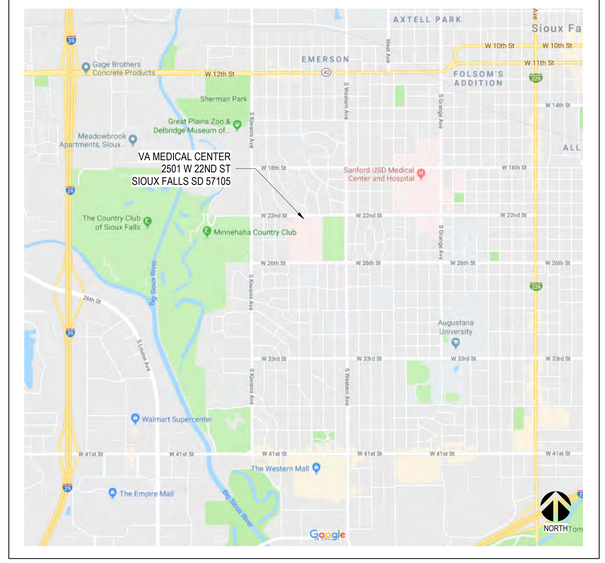


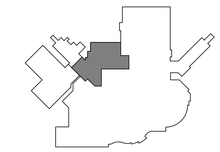
BUILDING SCHEDULE

NO.	BUILDINGS
1	HR/MH BUILDING
5	MAIN HOSPITAL
7	UTILITY SHOPS
8	LAUNDRY
9	STATION GARAGE
10	WATER TANK
11	BOILER PLANT
14	FLAGPOLE
15	UNION BUILDING
16	HBPC/LEGAL BUILDING
17	ENGINEERING BUILDING
18	GARAGE
19	GAS METER HOUSE
22	RECREATION SHELTER
24	AUXILIARY POWER UNIT
25	PAD MOUNT TRANSFORMER
27	ELECTRICAL SWITCHGEAR
28	RESEARCH BUILDING
29	PAD MOUNT TRANSFORMER
32	PAD MOUNT TRANSFORMER
34	PAD MOUNT TRANSFORMER
35	POWER J-BOX #1
37	A/C PAD - ICU
38	REGIONAL OFFICE BUILDING
39	OXYGEN STORAGE PAD
40	PAD MOUNT TRANSFORMER
41	PAD MOUNT TRANSFORMER
42,43	PAD MOUNT TRANSFORMER
44	COOLING TOWER PAD
45-47	PAD MOUNT TRANSFORMER
50	GENERATOR BUILDING
51	EMERGENCY MANAGEMENT BUILDING
T11	STORAGE BUILDING
T12	STORAGE BUILDING
T13	STORAGE BUILDING
T15	CHILD DAYCARE

DRAWING TITLE: SITE PLAN SIOUX FALLS VA
DRAWING NUMBER: XXX-XXX-XXXX DWG 1 OF 1
LOCATION: 2550 WEST 22nd STREET SIOUX FALLS, SOUTH DAKOTA 57105
DRAWN BY: JDY
REVISION | DATE
DATE: 4-11-2018

VICINITY MAP





Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STAMP

REGISTERED ARCHITECT — 9771 — TODD RANDALL STONE — NORTH DAKOTA — 11-7-23

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: COVER SHEET	Phase: BID SET	Project Title: RENOVATE PREOPERATIVE CARE UNIT	Project Number: VA #438-19-101 SGA #191910
Approved:		Location: SIOUX FALLS, SOUTH DAKOTA	Building Number: 5
		Issue Date: 11/06/20 / Checked: TRS / Drawn: DAN	Drawing Number: GI-001

C:_SGA Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_A20_aleksa.nelson.rvt
11/6/2020 5:08:59 PM

VA FORM 08 - 6231

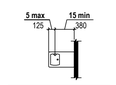


Figure 602.5
Drinking Fountain
Spout Location

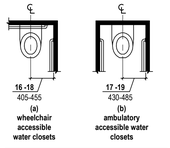


Figure 604.2
Water
Closet
Location

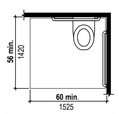


Figure 604.3.1
Size of Clearance at
Water
Closets

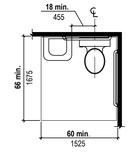


Figure 604.3.2 (exception)
Overlap of Water Closet
Clearance in Residential
Dwelling Units

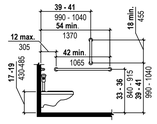


Figure 604.5.1
Side Wall Grab Bar at
Water Closets

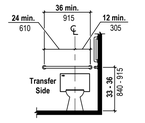


Figure 604.5.2
Rear Wall Grab Bar at
Water Closets

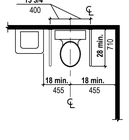


Figure 604.5.3
Swing-up Grab Bar for
Water Closet

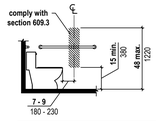


Figure 604.7
Dispenser Outlet
Location

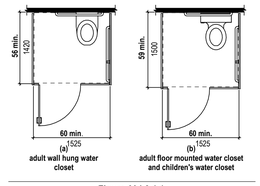


Figure 604.8.1.1
Size of Wheelchair Accessible
Toilet Compartment

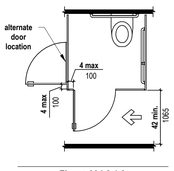


Figure 604.8.1.2
Wheelchair Accessible Toilet
Compartment Doors

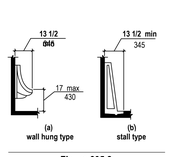


Figure 605.2
Height and Depth of
Urinals

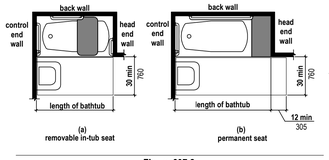


Figure 607.2
Clearance for Bathtubs

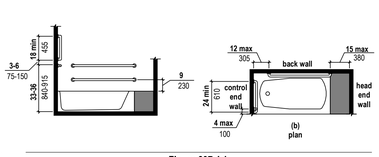


Figure 607.4.1
Grab Bars for Bathtubs with
Permanent Seats

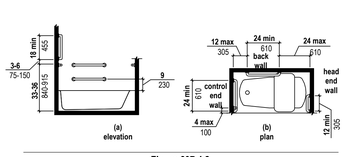


Figure 607.4.2
Grab Bars for Bathtubs with
Removable In-Tub Seats

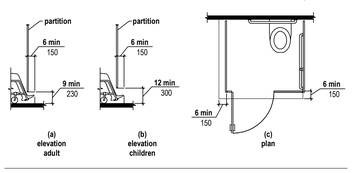


Figure 604.8.1.4
Wheelchair Accessible Toilet
Compartment Toe Clearance

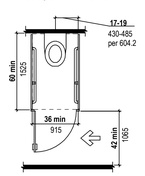


Figure 604.8.2
Ambulatory Accessible Toilet
Compartment

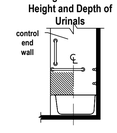
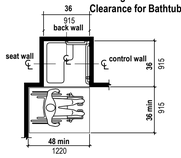
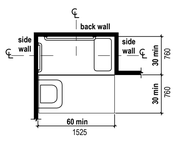


Figure 607.5
Bathtub Control
Location



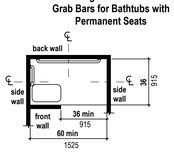
Note: inside finished dimensions measured at the center points of opposing sides

Figure 608.2.1
Transfer Type Shower
Compartment Size and
Clearance



Note: inside finished dimensions measured at the center points of opposing sides

Figure 608.2.2
Standard Roll-In Type
Shower Compartment
Size and Clearance



Note: inside finished dimensions measured at the center points of opposing sides

Figure 608.2.3
Alternate Roll-In Type
Shower Compartment
Size and Clearance

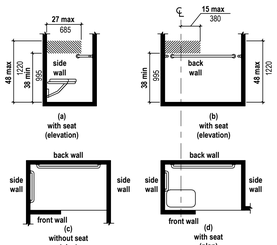


Figure 608.5.3
Alternate Roll-In Type Shower Compartment Control Location

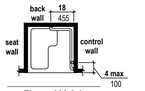


Figure 608.3.1
Grab Bars for Transfer-
Type Showers

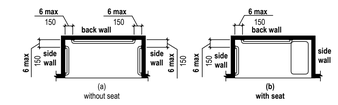


Figure 608.3.2
Grab Bars for Standard
Roll-In Type Showers

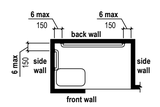


Figure 608.3.3
Grab Bars for Alternate
Roll-In Type Showers

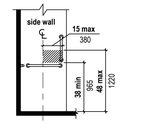


Figure 608.5.1
Transfer-Type Shower
Compartment Control
Location

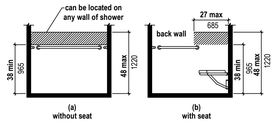


Figure 608.5.2
Standard Roll-In Type
Shower Compartment
Control Location

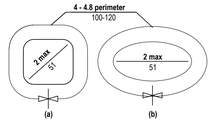


Figure 609.2.2
Grab Bar Non-Circular Cross Section

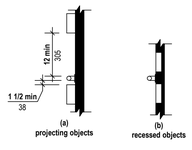


Figure 609.3
Spacing of Grab Bars

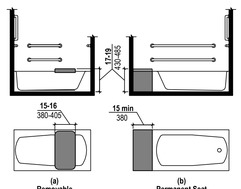


Figure 610.2
Bathtub Seats

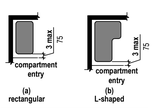


Figure 610.3
Extent of Seat

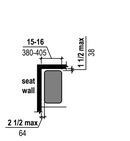


Figure 610.3.1
Rectangular Shower Seat

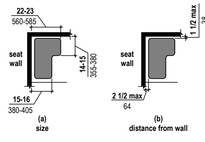


Figure 610.3.2
L-Shaped Shower Seat

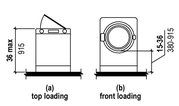


Figure 611.4
Height of Laundry
Compartment Opening

PROJECT GENERAL NOTES

1. 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 OPPORTUNITY.
2. GENERAL CONTRACTOR SHALL OBSERVE ALL REGULATIONS IMPOSED BY GOVERNING BODIES.
3. CONSTRUCTION SHALL PROCEED IN AN ORDERLY AND CONTINUOUS FASHION IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODES AND ALL OTHER APPLICABLE CODES.
4. THE CONTRACTOR SHALL CONTAIN ALL CONSTRUCTION ACTIVITY, INCLUDING STORAGE OF MATERIAL AND EQUIPMENT, WITHIN THE CONSTRUCTION LIMITS, AT ALL TIMES BEING RESPONSIBLE FOR AND ABIDING BY RULES AND REGULATIONS OF THE OWNER.
5. GENERAL CONTRACTOR TO 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.
6. 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.
7. ALL FLOOR TRANSITIONS BETWEEN DIFFERENT MATERIALS SHALL BE SMOOTH AND FLUSH (MAXIMUM SLOPE = 1/8" PER FOOT).
8. GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM JOBSITE. ALL CONSTRUCTION DEBRIS SHALL BE CONTAINED INSIDE CONSTRUCTION LIMITS.
9. ALL WALLS WITH ITEMS SUCH AS GRAB BARS, TOILET ACCESSORIES, WOOD TRIM, SHELVING, CASEWORK, ETC. SHALL BE REINFORCED WITH CONCEALED, FIRE TREATED WOOD BLOCKING OR METAL STUD BLOCKING. (GENERAL CONTRACTOR TO INSTALL BLOCKING TYP.)
10. 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.
11. CONTRACTOR TO EXERCISE ALL PRECAUTIONS TO PROVIDE FOR STAFF, PATIENTS, VISITORS, AND WORKMEN'S SAFETY DURING THE PERFORMANCE OF THIS CONTRACT PER EPA, OSHA, AND OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS.
12. THE CONTRACTOR SHALL MAINTAIN & KEEP BARRIER FREE THE EXISTING MEANS OF EGRESS.
13. ALL GYPSUM BOARD TO BE MOISTURE/MOLD RESISTANT TYPE X.
14. 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.
15. ALL WOOD USED IN WALL CONSTRUCTION SHALL BE FIRE-RETARDANT-TREATED LUMBER.
16. 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.
17. 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.
18. 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 WORKMAN-LIKE MANNER. EACH CONTRACTOR SHALL BE EXPECTED TO COOPERATE WITH OTHER CONTRACTORS IN THE PLACEMENT OF WORK TO AVOID CONFLICTS AND MAINTAIN JOB PROGRESS.
19. IT IS THE INTENT OF THESE DRAWINGS THAT A COMPLETE JOB IS TO BE ACCOMPLISHED IN PREPARING THE BID. THE BIDDER SHALL MAKE ALLOWANCES FOR DETAILS WHICH MIGHT HAVE BEEN INADVERTENTLY OMITTED FROM THE DRAWINGS.
20. ALL EXISTING DUCTWORK, ELECTRICAL OR PIPING IS NOT NECESSARILY SHOWN ON THE DRAWINGS.
21. BEFORE CONTRACTOR(S) 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 CONTRACTOR'S RESPONSIBILITY TO DESIGN AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTOR'S ABILITY TO INSTALL ALL NEW OR RELOCATED WORK ON HIS CONTRACT.

PLUMBING ELEMENTS AND FACILITIES

COMMUNICATION ELEMENTS AND FEATURES

INFECTION CONTROL RISK ASSESSMENT

INFECTION CONTROL COORDINATOR

Y	N	CONSTRUCTION ACTIVITY TYPE	Y	N	PATIENT RISK GROUP (may modify as appropriate))
		A: Inspection, non-invasive activity-includes, not limited to removal of ceiling tiles for inspection (1/50 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), Newborn Nursery, Outpatient Surgery, Pediatrics, Pharmacy, Post Anesthesia care, Surgical Units)
		D: Major duration and construction activities-Includes, but not limited to: activities that require consecutive work shifts; requires heavy demolition or removal of a complete cabling system; new construction.			Highest Risk-(ex Any area caring for Immunocompromised patients, Burn Unit, Cardiac Cath Lab, Central Sterile Supply, ICU, Medical Unit, Negative pressure isolation rooms, Oncology, Operating rooms including C-section)

Project Class	Patient Risk Group	TYPE A	TYPE B	TYPE C	TYPE D
	LOW Risk	I	II	II	III/IV
	MEDIUM Risk	I	II	III	IV
	HIGH Risk	I	II	III/IV	IV
	HIGHEST Risk	II	III/IV	III/IV	IV

	During Construction Project	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 for visual inspection.	
CLASS II	1. Include all items from Class I above 2. Provides active means to prevent air-borne dust from dispersing into atmosphere 3. Water mist work surfaces to control dust while cutting. 4. Seal unused doors with duct tape. 5. Block off and seal air vents. 6. Place dust mat at access points of work area. 7. Contain construction waste before transport in tightly covered containers. 8. Isolate HVAC system in areas where work is being performed to prevent contamination of duct system.	1. Wipe surfaces with disinfectant. 2. Contain construction waste before transport in tightly covered containers. 3. Wet mop and/or 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 I/II above 2. **Involve Infection Control in design/planning before construction begins.** 3. Complete all critical barriers i.e. 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. 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.	1. Include all items from Class I/II/III above 2. Do not remove barriers from work area until completed project is thoroughly cleaned as required by Chief, EMS and Infection Control Coordinator. 3. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. 4. Vacuum work area with HEPA filtered vacuums. 5. Wet mop area with disinfectant.
CLASS IV	1. Include all items from Class I/II/III above 2. **Involve Infection Control in design/planning before construction begins.** 3. Seal holes, pipes, conduits, and punctures appropriately. 4. If exiting to a patient care area, construct anteroom and require all personnel to pass through this room so 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.	1. Include all items from Class I/II/III above

ICRA PROJECT CLASS:

☐Y ☐N | RISK OF TB EXPOSURE | TYPE OF RISK:

If yes, describe intervention:

Additional Requirements:

Patient Safety Coordinator/Date Infection Control Coordinator/Date

IH/Safety Date Project Engineer/Date

INFECTION CONTROL RISK ASSESSMENT

INFECTION CONTROL COORDINATOR

Y	N	CONSTRUCTION ACTIVITY TYPE	Y	N	PATIENT RISK GROUP (may modify as appropriate))
		A: Inspection, non-invasive activity-includes, not limited to removal of ceiling tiles for inspection (1/50 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), Newborn Nursery, Outpatient Surgery, Pediatrics, Pharmacy, Post Anesthesia care, Surgical Units)
		D: Major duration and construction activities-Includes, but not limited to: activities that require consecutive work shifts; requires heavy demolition or removal of a complete cabling system; new construction.			Highest Risk-(ex Any area caring for Immunocompromised patients, Burn Unit, Cardiac Cath Lab, Central Sterile Supply, ICU, Medical Unit, Negative pressure isolation rooms, Oncology, Operating rooms including C-section)

Project Class	Patient Risk Group	TYPE A	TYPE B	TYPE C	TYPE D
	LOW Risk	I	II	II	III/IV
	MEDIUM Risk	I	II	III	IV
	HIGH Risk	I	II	III/IV	IV
	HIGHEST Risk	II	III/IV	III/IV	IV

	During Construction Project	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 for visual inspection.	
CLASS II	1. Include all items from Class I above 2. Provides active means to prevent air-borne dust from dispersing into atmosphere 3. Water mist work surfaces to control dust while cutting. 4. Seal unused doors with duct tape. 5. Block off and seal air vents. 6. Place dust mat at access points of work area. 7. Contain construction waste before transport in tightly covered containers. 8. Isolate HVAC system in areas where work is being performed to prevent contamination of duct system.	1. Wipe surfaces with disinfectant. 2. Contain construction waste before transport in tightly covered containers. 3. Wet mop and/or 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 I/II above 2. **Involve Infection Control in design/planning before construction begins.** 3. Complete all critical barriers i.e. 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. 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.	1. Include all items from Class I/II/III above 2. Do not remove barriers from work area until completed project is thoroughly cleaned as required by Chief, EMS and Infection Control Coordinator. 3. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. 4. Vacuum work area with HEPA filtered vacuums. 5. Wet mop area with disinfectant.
CLASS IV	1. Include all items from Class I/II/III above 2. **Involve Infection Control in design/planning before construction begins.** 3. Seal holes, pipes, conduits, and punctures appropriately. 4. If exiting to a patient care area, construct anteroom and require all personnel to pass through this room so 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.	1. Include all items from Class I/II/III above

ICRA PROJECT CLASS:

☐Y ☐N | RISK OF TB EXPOSURE | TYPE OF RISK:

If yes, describe intervention:

Additional Requirements:

Patient Safety Coordinator/Date Infection Control Coordinator/Date

IH/Safety Date Project Engineer/Date

Figure 703.6.1
Pictogram Field

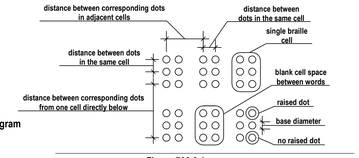


Figure 703.3.1
Braille Measurement

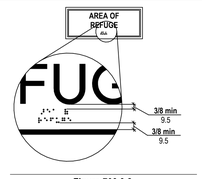


Figure 703.3.2
Position of Braille

Figure 703.7.2.1
International Symbol of Accessibility

Figure 703.7.2.3
Volume-Controlled Telephone

Figure 703.7.2.2
International TTY Symbol

Figure 703.7.2.4
International Symbol of Access for
Hearing Loss

Figure 703.4.1
Height of Tactile Characters
Above Floor or Ground

Figure 703.4.2
Location of Tactile Signs
at Doors

Figure 705.1
Size and Spacing of
Truncated Domes

Figure 707.6.2
Numeric Key Layout

Figure 704.2.1.1
Parallel Approach to
Telephone

Figure 704.2.1.2
Forward Approach to
Telephone

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
Ericksen Road & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

REGISTERED ARCHITECT
REG. NO. 9771
TODD RANDALL STANE
SOUTH DAKOTA
11-7-23

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
PROJECT NOTES & ACCESSIBILITY DETAILS	BID SET	RENOVATE PREOPERATIVE CARE UNIT	VA #438-19-101 SGA #191910
Approved:		Location: SIOUX FALLS, SOUTH DAKOTA	Building Number: 5
		Issue Date: 11/06/20 · Checked: TRS · Drawn: DAN	Drawing Number: GI-002

VA FORM 08 - 6231

C:\...SGA Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_A20_derisa.nelson.rvt

11/6/2020 5:08:12 PM

BUILDING BLOCKS

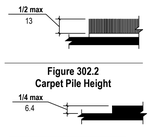


Figure 302.2
Carpet Pile Height

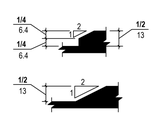


Figure 303.3
Beveled Change in Level

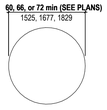


Figure 304.3.1
Circular Turning Space

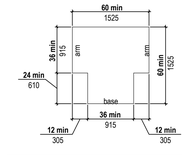


Figure 304.3.2
T-Shaped Turning Space

Figure 305.3
Clear Floor or Ground Space

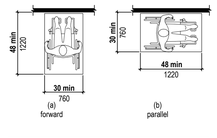


Figure 305.5
Position of Clear Floor or Ground Space

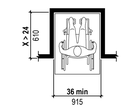


Figure 305.7.1
Maneuvering Clearance in an Alcove, Forward Approach

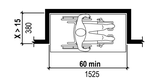


Figure 305.7.2
Maneuvering Clearance in an Alcove, Parallel Approach

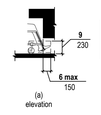


Figure 306.2
Toe Clearance

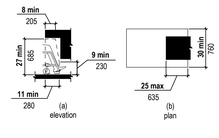


Figure 306.3
Knee Clearance

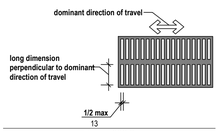


Figure 302.3
Elongated Openings in Floor or Ground Surfaces

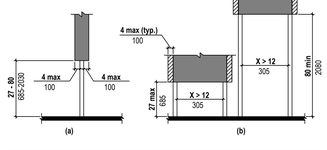


Figure 307.3
Post-Mounted Protruding Objects

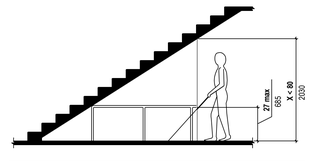


Figure 307.4
Vertical Clearance

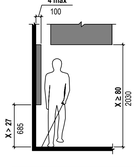


Figure 307.2
Limits of Protruding Objects

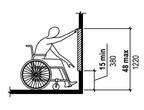


Figure 308.2.1
Unobstructed Forward Reach

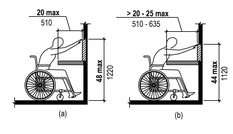


Figure 308.2.2
Obstructed High Forward Reach

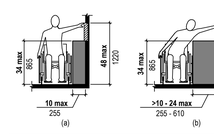


Figure 308.3.2
Unobstructed High Side Reach

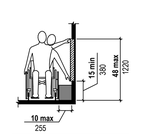


Figure 308.3.1
Unobstructed Side Reach

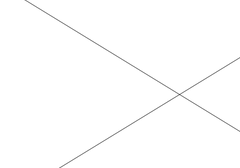


Figure 403.5.2
Clear Width at Turn

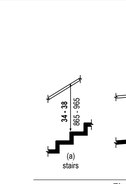


Figure 403.5.1
Clear Width of an Accessible Route

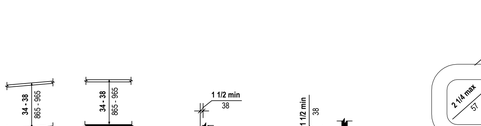


Figure 404.2.4.3
Maneuvering Clearance at Recessed Doors and Gates

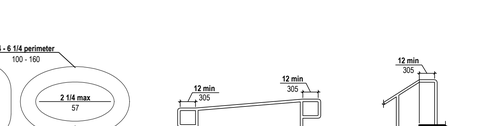


Figure 404.2.4.2
Maneuvering Clearance at Sliding and Folding Doors

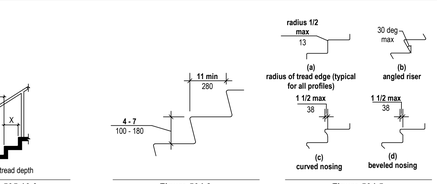


Figure 407.4.1
Elevator Car Door Sizes

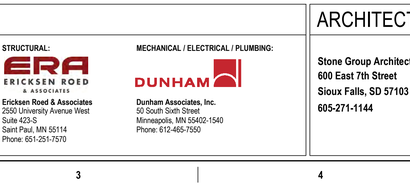


Figure 406.3
Sides of Curb Ramps

Figure 405.9.1
Extended Floor or Ground Surface Edge Protection

Figure 405.9.2
Curb or Barrier Edge Protection

Figure 404.2.3
Clear Width of Doorways

Figure 404.2.6
Doors in Series and Gates in Series

Figure 404.2.4.1
Maneuvering Clearance at Manual Swinging Doors and Gates

Figure 408.4.1
Limited Use/Limited Application (LULA) Elevator Car and Door Sizes

Figure 406.4
Landings at the Top of Curb Ramps

Figure 406.2
Counter Slope of Surfaces Adjacent to Curb Ramps

Figure 406.6
Diagonal or Corner Type Curb Ramps

Figure 406.7
Islands in Crossings

Figure 405.7
Ramp Landings

Figure 407.2.2.2
Visible Hall Signals

Figure 407.2.3.1
Floor Designations on Jambs of Elevator Hoistway Entrances

Figure 407.2.3.2
Car Designations on Jambs of Destination-Oriented Elevator Hoistway Entrances

Figure 407.2.1.1
Height of Elevator Call Buttons

Figure 409.4.6.2
Location of Private Residence Elevator Control Panels

Figure 410.6
Platform Lift Doors and Gates

GENERAL BUILDING ELEMENTS

Figure 505.4
Handrail Height

Figure 505.5
Handrail Clearance

Figure 505.6
Horizontal Projections Below Gripping Surface

Figure 505.7.2
Handrail Non-Circular Cross Section

Figure 505.10.1
Top and Bottom Handrail Extensions at Ramps

Figure 505.10.2
Top Handrail Extension at Stairs

Figure 505.10.3
Bottom Handrail Extension at Stairs

Figure 504.2
Treads and Risers

Figure 504.5
Stair Nosings

ACCESSIBLE ROUTES

CONTRACTOR GENERAL NOTES

1. ALL EXISTING DUCTWORK, ELECTRICAL OR PIPING IS NOT NECESSARILY SHOWN ON THE DRAWINGS.
2. BEFORE CONTRACTOR(S) 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 CONTRACTOR'S RESPONSIBILITY AND COST TO ENGINEER AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTOR'S ABILITY TO INSTALL ALL NEW OR RELOCATED WORK ON HIS CONTRACT.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY PROJECT ENGINEER OF ALL DISCREPANCIES IF ANY, FOUND PRIOR TO PLACEMENT OF ANY COMPONENTS
4. THE CONTRACTOR WILL 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.
5. 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.
6. UNLESS OTHERWISE INDICATED FINISH ALL NEW FRAMES AND PARTITIONS TO MATCH SURROUNDING. NEW HOLLOW METAL DOORS 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
7. PAINT ALL EXPOSED NEW AND EXISTING PIPING, CONDUIT, WIRE MOLD, ELECTRICAL PANELS, ACCESS PANELS, ETC.,TO MATCH WALL FINISH UNLESS OTHERWISE NOTED.
8. CORRIDOR WALLS AND PLUMBING PARTITIONS SHALL BE CONSIDERED 1 HOUR FIRE RATED WALLS 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 WATERTIGHT.
9. 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.
10. 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, FLOORS, WALLS, AND CEILINGS SHALL BE FINISHED TO MATCH ADJOINING SURFACES.
11. UTILITY WORK THAT WILL REQUIRE A SHUTDOWN OF EXISTING SERVICE(S) 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.
12. 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 V.A. PROJECT ENGINEER.
13. ALL ELECTRICAL CIRCUITRY TO BE CONCEALED UNLESS OTHERWISE SPECIFIED. CIRCUITING FOR ELECTRIC DOOR HOLD OPENS IN MASONRY WALLS SHALL BE SURFACE RACEWAY.
14. 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.
15. 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, BOXES, 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.
16. 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.
17. 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 CONTRACTOR'S RESPONSIBILITY AND THE CONTRACTOR WILL BEAR THE COST TO ENGINEER AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTOR'S ABILITY TO INSTALL ALL NEW OR RELOCATED WORK IN THIS PROJECT.
18. 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.
19. BEFORE THE CONTRACTOR BEGINS WORK HE SHALL RECORD ANY EXISTING SYSTEM INFORMATION SUCH AS TEMPERATURE, FLOW RATE, PRESSURE, CURRENT, VOLATAGE, 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 CONTRACTOR'S RECORDED MEASUREMENTS MUST BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND ACCEPTANCE BEFORE ANY DEMOLITION OR OTHER RELATED WORK CAN PROCEED.
20. 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.
21. 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.
22. 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 MODIFICATIONSI TO MEET THIS REQUIREMENT AND KEEP FIRE RATING OF DOOR AND FRAME. BOTTOM SWEEPS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY STATED ON DRAWING.
23. 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 APPROVED BY THE MEMBRANE MANUFACTURER SO AS TO NOT VOID OR INTERRUPT EXISTING SINGLE PLY MEMBRANE ROOF WARRANTIES.
24. 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.
25. WHERE DOOR AND HARDWARE ARE SHOWN TO BE REMOVED, THE DOOR STOPS ARE TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
ERA ERICKSEN ROED & ASSOCIATES
Ericksen Roed & Associates
2500 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
DUNHAM
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

REGISTERED ARCHITECT — TODD RANDALL STONE — SOUTH DAKOTA — 9271 — 12-2-20

Office of Construction and Facilities Management

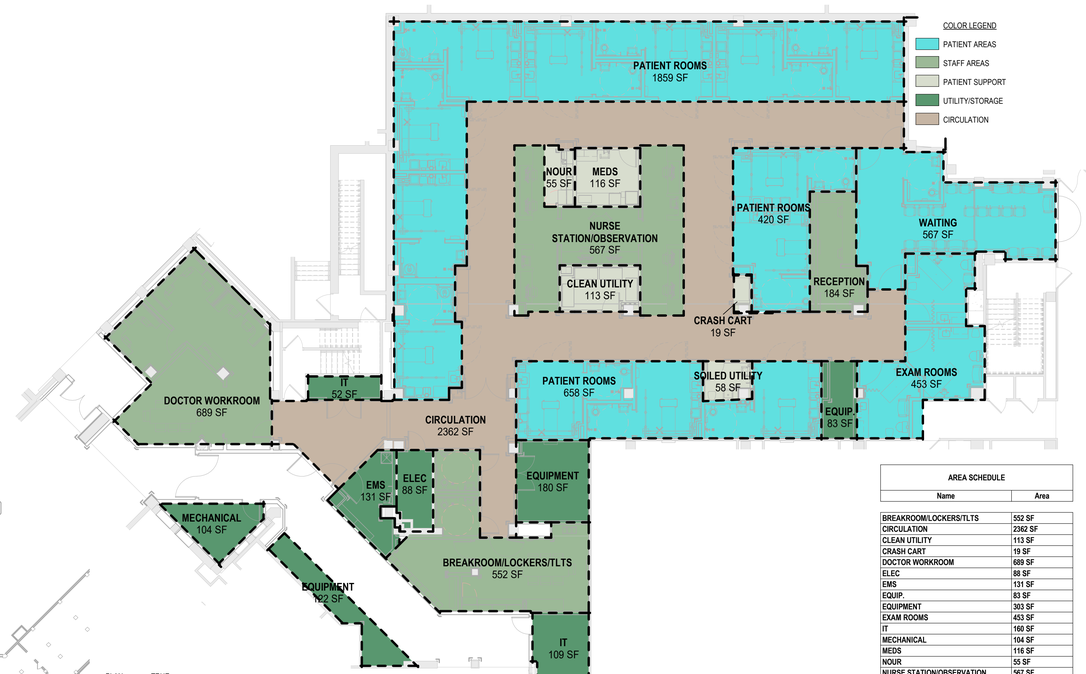
VA U.S. Department of Veterans Affairs

Drawing Title PROJECT NOTES & ACCESSIBILITY DETAILS	**Phase** BID SET	**Project Title** RENOVATE PREOPERATIVE CARE UNIT	**Project Number** VA #438-19-101 SGA #191910
Approved:		**Location** SIOUX FALLS, SOUTH DAKOTA	**Building Number** 5
		Issue Date 11/06/20 / **Checked** TRS / **Drawn** DAN	**Drawing Number** GI-003

VA FORM 08 - 6231

PLAN NORTH / TRUE NORTH

E1 PREOP CONTEXT PLAN
1/32" = 1'-0"

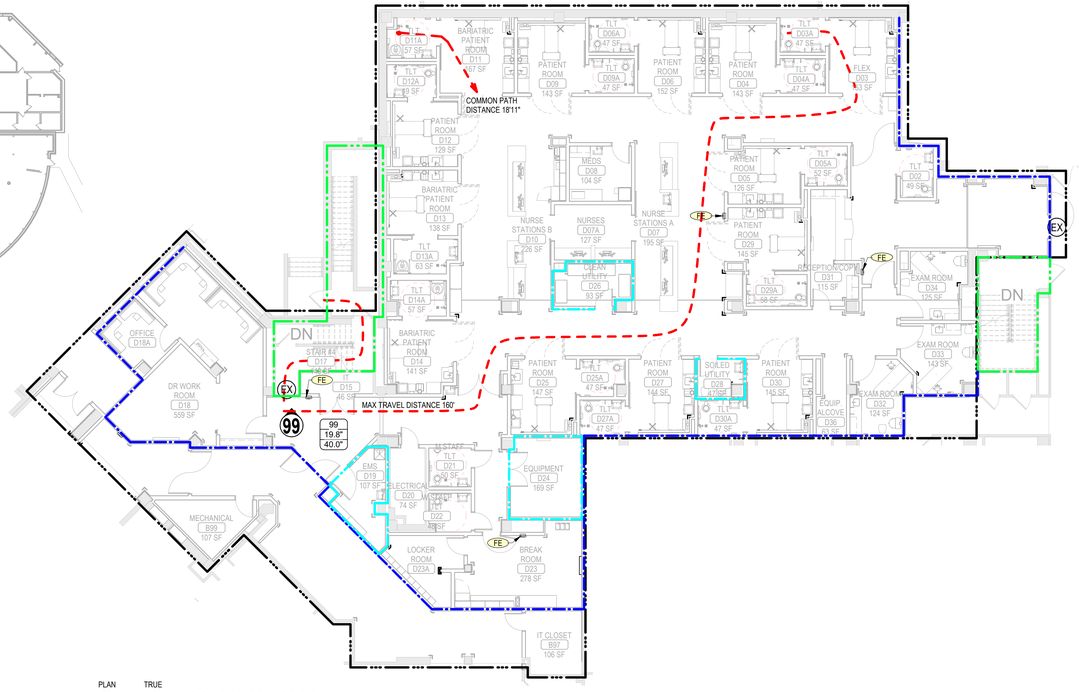


PLAN NORTH / TRUE NORTH

C5 GROUND LEVEL AREA PLAN
3/32" = 1'-0"

AREA SCHEDULE

Name	Area
BREAKROOM/LOCKERS/TLTS	552 SF
CIRCULATION	2362 SF
CLEAN UTILITY	113 SF
CRASH CART	19 SF
DOCTOR WORKROOM	689 SF
ELEC	88 SF
EMS	131 SF
EQUIP	83 SF
EQUIPMENT	303 SF
EXAM ROOMS	453 SF
IT	160 SF
MECHANICAL	104 SF
MEDS	116 SF
NOUR	55 SF
NURSE STATION/OBSERVATION	567 SF
PATIENT ROOMS	2937 SF
RECEPTION	184 SF
SOILED UTILITY	58 SF
WAITING	567 SF
Grand total: 23	9541 SF



PLAN NORTH / TRUE NORTH

F5 PREOP CODE PLAN
3/32" = 1'-0"

CODE INFORMATION

PROJECT INFORMATION:

1. CONSTRUCTION PURPOSE: RENOVATION

2. REASON FOR SUBMITTAL: RENOVATION

3. I CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE THESUBMITTED PLANS FOR THE ABOVE-REFERENCED PROJECT COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING
NFPA 101-18 (AND ALL REFERENCED DOCUMENTS)
VA HOSPITAL BUILDING SYSTEM DESIGN (INTERSTITIAL)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2015 UNIFORM PLUMBING CODE (UPC)
2017 NATIONAL ELECTRICAL CODE (NFPA-70)
2018 LIFE SAFETY CODE (NFPA-101)
2015 ABA ACCESSIBILITY STANDARDS
BARRIER FREE DESIGN
2018 IBC WITH LOCAL AMENDMENTS
ASHRAE STANDARD 90.1 (2007)
ASHRAE 62.1 (2007)

4. LOCATION OF ANY ANTICIPATED FUTURE ADDITIONS: UNKNOWN

5. OWNER:
DEPARTMENT OF VETERANS AFFAIRS
OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT
ROYAL C. JOHNSON VETERANS MEMORIAL MEDICAL CENTER
2501 W 22ND STREET
PO BOX 5046
SIOUX FALLS SD 57117-5046

6. DESIGN TEAM:

ARCHITECT:
STONE GROUP ARCHITECTS
600 E 7th STREET
SIOUX FALLS, SD 57103
605-271-1144
ARCHITECT: TODD STONE
CONTACT: TODD STONE
TODD.STONE@STONEGROUPARCH.COM

DESIGN CONSULTANTS:
MEDICAL PLANNER
BWBR, INC.
380 SAINT PETER STREET, SUITE 600
SAINT PAUL, MN 55102
651-222-3701
CONTACT:
RICK HINTZ
RHINTZ@BWBR.COM

ERICKSEN ROED & ASSOCIATES
2550 UNIVERSITY AVENUE WEST
SUITE 423-S
SAINT PAUL, MN 55114
651-251-7570
CONTACT:
STEVE CLAARK (STRUCTURAL)
SCLARK@ERAENG.COM

DUNHAM ASSOCIATES, INC.
50 SOUTH SIXTH STREET
MINNEAPOLIS, MN 55402
612-465-7550
CONTACT:
CURT BARLAGE (ELECTRICAL)
CURT.BARLAGE@DUNHAMENG.COM
JASON GOTTWALT (MCHANICAL)
JASON.GOTTWALT@DUNHAMENG.COM

7. ARCHITECTS SEAL: SEE STAMP AT BOTTOM

8. FIRE SERVICE: CITY OF SIOUX FALLS FIRE DEPARTMENT

9. INSPECTION: VISN SAFETY OFFICER

10. OCCUPANCY GROUP TYPE:
OCCUPANCY - HEALTHCARE

11. CONSTRUCTION TYPE: TYPE II (222)

A. FLOOR AREA:

PROJECT AREA: 11,335 SF
EXISTING: 126,091 SF

B. ALLOWABLE HEIGHT CALCULATIONS

OCCUPANCY - I2-HEALTHCARE
TYPE OF CONSTRUCTION: TYPE II (222)
ALLOWABLE STORIES: N/A
ALLOWABLE HEIGHT: N/A
ACTUAL STORIES: MULTIPLE (EXISTING)
ACTUAL HEIGHT: 77'-0" (EXISTING)
NO HEIGHT MODIFICATIONS REQUIRED

C. FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS: TYPE II (222)

BEARING WALLS (EXTERIOR): 2 HR
BEARING WALLS INTERIOR: 2 HR
NON-BEARING WALLS (EXTERIOR): 0 HR
PARTITIONS: 0 HR
SMOKE BARRIERS BETWEEN SMOKE COMPARTMENTS: 1 HR
STRUCTURAL FRAME:
FLOOR AND FLOOR/CEILING: 2 HR
ROOF AND ROOF/CEILING: 1 HR
SHAFT ENCLOSURES: 2 HR
STAIRWAY CONSTRUCTION: 1 HR

12. ACTIVE FIRE SAFETY SYSTEMS

(a) SMOKE DETECTORS THROUGHOUT
(b) GENERATOR POWERED EMERGENCY LIGHTING
(c) BATTERY POWERED EXIT LIGHTING
(d) HOOD SUPPRESSION SYSTEM
(e) PORTABLE EXTINGUISHERS
(f) AUTOMATIC AIR-HANDLING SHUT-DOWN
(g) FIRE ALARM SYSTEM

13. WATER SUPPLY: CITY OF SIOUX FALLS

14. SEWAGE TREATMENT: CITY OF SIOUX FALLS

15. HANDICAP PROVISIONS:
ACCESSIBLE ROUTE, LAVATORIES AND SIGNAGE

16. OCCUPANT LOAD:
OUTPATIENT INSTITUTIONAL: 150 SF/PERSON GROSS

EGRESS CAPACITY:
STAIRWAY: .3 IN./PERSON
DOOR: .2 IN./PERSON

DEAD END CORRIDORS: NOT TO EXCEED 50 FT

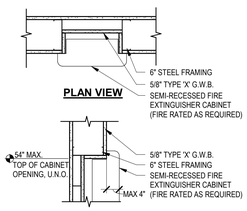
TRAVEL DISTANCE TO EXIT: 200 FT

SMOKE COMPARTMENTS: (USING HEALTHCARE OCCUPANCY BASIS)
(18.3.7.1(2)) AT LEAST 2 PER FLOOR
(18.3.7.1(3)) NOT TO EXCEED 22,500 SF EACH

BUILDING CODES, GUIDES, 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:

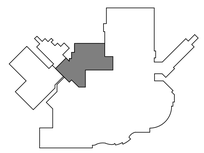
- VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE INFORMATION ON THE TECHNICAL INFORMATION LIBRARY (TIL)
- INTERNATIONAL BUILDING CODE (IBC) (ONLY WHEN SPECIFICALLY REFERENCED IN VA DESIGN DOCUMENTS)
- NFPA 101 LIFE SAFETY CODE
- NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS
- VA SEISMIC DESIGN REQUIREMENTS, H-18-8
- NATIONAL ELECTRICAL CODE (NEC)
- INTERNATIONAL PLUMBING CODE (IPC)
- ASME BOILER AND PRESSURE VESSEL CODE
- ASME CODE FOR PRESSURE PIPING
- ARCHITECTURAL BARRIER ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PG-18-13)
- 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)
- ENERGY POLICY ACT OF 2005 (EPACT)
- 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 13423: STRENGTHENING FEDERAL ENVIRONMENT, ENERGY, AND TRANSPORTATION MANAGEMENT.
- THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIRMENTS 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.



CODE PLAN LEGEND

- 0 / 0.0" / 0.0" — OCCUPANTS / REQUIRED WIDTH / PROVIDED WIDTH
- EX — EXIT
- 1 — OCCUPANT LOAD
- CONSTRUCTION LIMITS
- 1-HOUR WALL
- 2-HOUR WALL
- SMOKE BARRIER

B8 SEMI-RECESSED FIRE EXT. CABINET - GYP WALL
1" = 1'-0"



KEYPLAN
NTS
NORTH

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

REGISTERED ARCHITECT — SEQ. NO. 9771 — TODD ANDALL STONE — SOUTH DAKOTA — U.S.A.

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	LIFE SAFETY PLAN, CODE SUMMARY & AREA PLAN
Phase	BID SET
Approved:	
Project Title	RENOVATE PREOPERATIVE CARE UNIT
Project Number	VA #438-19-101 SGA #191910
Building Number	5
Location	SIOUX FALLS, SOUTH DAKOTA
Drawing Number	GI-101
Issue Date	11/06/20
Checked	TRS
Drawn	DAN

C:_SGA Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_A20_jkritsa.nelson.rvt
11/6/2020 5:08:26 PM

VA FORM 08 - 6231

GENERAL STRUCTURAL NOTES

These notes supplement the Specifications. Refer to the Specifications for additional requirements.

1. DESIGN CRITERIA:

1.1. BUILDING CODES USED FOR DESIGN:

1.1.1. IBC 2018 with Local Amendments.

1.2. STRUCTURAL TESTS AND SPECIAL INSPECTIONS:

1.2.1. Special inspections shall be performed by an independent testing agency according to IBC Chapter 17.

Section 1704.2.5 - Fabricators
Section 1705.2 and Table 1705.2.3 - Steel Construction
Table 1705.3 - Post-installed Anchors

1.2.2. Qualifications of special inspectors and frequency of tests and inspections shall be as defined in CASE 962C - Guideline for International Building Code-Mandated Special Inspections and Tests and Quality Assurance.

1.2.3. The Engineer will provide periodic observation to assure conformance with design intent of the construction documents. These observations are not meant to fulfill the requirements of special inspections.

1.2.4. Special inspections of the following items are not within the scope of the structural drawings. Contact the Architect or design professionals with these responsibilities for information about these items.

Sprayed Fire-resistant Materials
Mastic and Intumescent Fire-resistant Coatings
EIFS
Smoke Control

1.2.5. In addition to the special inspections required elsewhere in these drawings, the project specifications, and contract documents, camber shall be verified in a minimum of 10% of all members requiring camber. If, in the opinion of the EOR and Testing Agency, this testing discloses a large ratio (10% or more) of unacceptable cambers, the required percentage of tested cambers may be increased by the EOR to 100% at no expense to the owner. For steel beams and trusses, the fabrication tolerances for camber shall be as defined in AISC 303 "Code of Standard Practice for Steel Buildings and Bridges" (latest edition).

1.3. DESIGN LOADS:

1.3.1. Risk Category:

From IBC Table 1604.5

Risk Category IV

1.3.2. DESIGN LIVE LOADS:

Mechanical . . . . . 150 PSF

1.3.3. WIND LOAD:

Ultimate Design Wind Speed: . . . . 126 MPH
Exposure Classification: . . . . . B
Internal Pressure Coeff: . . . . . +0.18
. . . . . -0.18
Wind pressures used for the design of exterior components and cladding shall be calculated by a professional engineer registered in the state where the project is located. Calculations shall be submitted for review.

1.3.4. SNOW LOAD:

Ground Snow Load: . . . . . 40 PSF
Flat Roof Snow Load: . . . . . 34 PSF
Snow Exposure Factor: 1.0
Snow Load Importance Factor: . . . 1.2
Roof Thermal Factor: 1.0
Roof Slope Factor: 1.0

1.3.5. SEISMIC LOADS:

Importance Factor: 1.5
Seismic Design Category: . . . . . A
Site Class: . . . . . D
Mapped Spectral Response Coefficients
SS: . . . . . 0.091 g
S1: . . . . . 0.035 g
Design Spectral Response Coefficients
SDS: . . . . . 0.097 g
SD1: . . . . . 0.057 g

2. DESIGN STRENGTHS:

2.1. STRUCTURAL STEEL:

Wide Flange Sections:	FY =	50 KSI	ASTM A992
Rect. Hollow Structural Shapes:	FY =	50 KSI	ASTM A500 C
Other Shapes or Plates	FY =	36 KSI	ASTM A36
Bolts:			ASTM A325/A490
Welding Electrodes:	FY =	70 KSI	E70XX

2.2. COLD-FORMED STEEL: See ASTM A1003.

54 mil (16 Gage) and Heavier:	FY =	50 KSI
43 mil (18 Gage) and Lighter:	FY =	33 KSI

2.3. MASONRY:

Assembly Compressive Strength:	f'm = 2,000 PSI
Masonry Grout:	f'g = 3,000 PSI, 8-11 in Slump
Deformed Bars:	FY = 60 KSI ASTM A615

3. CONCRETE:

3.1. REFERENCES:

ACI 315	ACI Detailing Manual
ACI 318	Building Code Requirements for Reinforced Concrete
CRSI MSP	Manual of Standard Practice
AWS D1.4	Structural Welding Code - Reinforcing Steel
CRSI	Recommended Practice for Placing Reinforcing Bars
PCI Design Handbook: Precast and Prestressed Concrete	

3.2. ANCHORING TO CONCRETE

3.2.1. Headed studs shall be Nelson H4L or S3L with Fu = 65 ksi, or approved equal, unless noted otherwise.

3.2.2. Deformed bar anchors shall be Nelson D2L with FY = 70 ksi or approved equal, unless noted otherwise.

3.2.3. Post-installed anchors shall be installed by qualified personnel in accordance with the Manufacturer's Printed Installation Instructions.

3.2.4. Expansion anchors shall not be loaded until concrete has achieved a minimum age of 7 days. Adhesive anchors shall not be loaded until concrete achieved a minimum age of 21 days.

3.2.5. Expansion anchors shall be Hilti Kwik Bolt TZ or approved equal, unless noted otherwise. Embedment shall be as follows unless noted otherwise:

Diameter	Embedment	Diameter	Embedment
3/8"	2"	5/8"	4"
1/2"	3 1/4"	3/4"	4 3/4"

3.2.6. Anchor capacity is dependent upon spacing between adjacent anchors and proximity of anchors to edge of concrete. Install anchors in accordance with spacing and edge clearances indicated on the drawings.

3.2.7. Contractor shall verify the location of reinforcing bars and/or prestressing tendons via GPR, X-Ray, or other means before drilling anchor holes. Reinforcing steel shall not be damaged.

4. STEEL:

4.1. REFERENCES:

Steel Construction Manual, 14th Edition

4.2. STRUCTURAL STEEL:

4.2.1. All beams shall be marked and erected with natural camber upwards.

4.2.2. Do not prime structural steel members that will receive spray-applied fireproofing. Do not prime surfaces of structural steel members that will be in contact with poured concrete or will receive welded studs.

4.2.3. The top and bottom of all steel columns that are in bearing shall be finished to a common plane.

4.2.4. All headed studs are to be welded to the steel section using an electric arc welding gun.

4.3. CONNECTIONS:

4.3.1. Connections shall be as shown on the drawings. Where connections are not explicitly detailed, fabricator shall design the connections in accordance with AISC 360 using LRFD methods.

4.3.2. The fabricator shall submit engineering calculations for all connections not explicitly detailed in the drawings to the Engineer for review. These submittals shall be signed and stamped by a professional engineer registered in the state where the project is located.

4.3.3. All beam reactions, axial forces, and moments act concurrently unless noted otherwise. Beam reactions act in gravity direction while axial and moment forces are to be considered reversible.

4.3.4. All bolts shall be either A325 or A490 high strength bolts. Use no more than two bolt diameters, one grade per diameter, skip one size between diameters.

4.3.5. All high strength bolts shall be installed in snug-tightened joints unless noted otherwise on the drawings. Fabricator may substitute ASTM F1852 N for A325 N bolts. Weld metal used shall be 70 KSI.

4.3.6. All welding shall be performed by AWS qualified operators.

4.3.7. All welded joints shall be prequalified or qualified by testing.

4.3.8. When welded connections are shown in the drawings, it is not the intent to specify the specific process or preparation.

4.3.9. Do not prime surfaces of structural steel members in areas that will be welded.

4.4. COLD-FORMED STEEL

4.4.1. All framing members shall be formed from corrosion-resistant steel, corresponding to the requirements of ASTM A1003.

4.4.2. Install all framing members per requirements and tolerances listed in AISI Standard S200-07: North American Standard for Cold-Formed Steel Framing - General Provisions.

4.4.3. All studs and/or joists and accessories shall be of the type, size, gauge and spacing as shown on the drawings, and shall be conform to the requirements listed in AISI Standard S201-07: North American Standard for Cold-Formed Steel Framing - Product Data.

4.4.4. Member designations is as follows:

600 S 162 - 54
Member depth in 100th's of an inch
Member designation (S=Stud or joist, T=Track)
Flange width in 100th's of an inch
Material thickness in mils
Example: 600S162-54 = 6" stud with 1 5/8"

flange and thickness of 54 mils

4.4.5. Material thickness:

DESIGNATION	NOMINAL THICKNESS	MINIMUM THICKNESS
33 mils	0.0346"	0.0329"
43 mils	0.0451"	0.0428"
54 mils	0.0566"	0.0538"
68 mils	0.0713"	0.0677"
97 mils	0.1017"	0.0966"
118 mils	0.1242"	0.1180"

4.4.6. Prefabricated panels shall be square, with components attached in a manner as to prevent racking and to minimize distortion while lifting.

4.4.7. Framing fabricator shall ensure alignment of punchouts for installation of lateral bracing when shop or field cutting studs to length.

4.4.8. Tracks shall be securely anchored to the supporting structure as shown on the drawings.

4.4.9. Complete, uniform, and level bearing support shall be provided for the bottom track.

4.4.10. Abutting length of track shall each be securely anchored to a common structural element, and butt-welded.

4.4.11. Temporary bracing, where required, shall be provided until erection is completed.

4.4.12. Studs

4.4.12.1. All framing components shall be cut squarely for attachment to perpendicular members, or as required for an angular fit against abutting members. Wall studs shall be seated tight into tracks with maximum 1/8" gap.

4.4.12.2. Provide a minimum of two studs at the end of each wall.

4.4.12.3. Torch cutting of cold-formed members is not allowed. All field cutting must be performed by sawing or shearing.

4.4.12.4. Splices in studs shall not be permitted.

4.4.12.5. Notching or coping of cold-formed steel members is not allowed unless detailed in these drawings.

4.4.12.6. Studs shall be plumbed, aligned and securely attached to flanges of both upper and lower tracks.

4.4.13. Headers

4.4.13.1. All headers or built-up beams shall consist of unpunched framing members.

4.4.14. Connections

4.4.14.1. Fastening of components shall be by welding or screwing. Wire tying of components shall not be permitted. All welds shall be touched up with zinc-rich paint.

4.4.14.2. Self-drilling tapping screw fasteners shall comply with ASTM C1513. Replacement with a larger screw is acceptable provided the minimum spacing and edge distances requirements are fulfilled. Provide ITW Buildex "TEKS" screws or approved equal.

4.4.14.3. Minimum spacing and edge distance for screw fasteners is 3 x d where d = nominal screw diameter.

4.4.14.4. Screw fasteners shall protrude through the steel member with a minimum of three exposed threads. The installation of screw fasteners shall not cause a permanent separation between connected materials.

4.4.14.5. Notify the engineer if the screw fasteners become stripped from installation.

4.4.14.6. P.A.F. = Powder Actuated Fasteners. Provide Hilti X-U 0.157" x 1" embed or approved equal.

4.4.14.7. Welding of connections must be performed in accordance with AWS D1.3 Structural Welding Code - Sheet Steel.

4.4.14.8. The minimum weld throat thickness shall meet or exceed the base steel thickness of the thinnest connected member.

5. MISCELLANEOUS:

5.1. VERIFICATIONS:

5.1.1. The General Contractor shall verify all openings sizes, pad sizes, and locations with the respective Subcontractors.

5.1.2. Structural steel supplier and erector are responsible for providing deck reinforcement or framing as shown on typical structural details for mechanical roof openings. See mechanical drawings for quantities, sizes and locations. The cost of structural redesign fees shall be borne by the Mechanical Contractor for equipment and/or opening changes made after structural documents have been issued.

5.2. CORE DRILLING:

5.2.1. All core drilling shall be done by the Mechanical and Electrical Subcontractors for their own work under the supervision of the General Contractor. No reinforcing steel shall be cut. Verify location of reinforcing steel before core drilling. Do not core through beams or columns. The maximum core hole through slabs shall be 12". If these requirements cannot be met, contact the Engineer.

5.3. NEW WORK IN CONJUNCTION WITH EXISTING CONSTRUCTION:

5.3.1. VERIFICATION: The Contractor shall verify, by field check, all sizes, dimensions, elevations, locations, etc. of elements of the existing construction which are relative to the new construction.

5.3.2. DIMENSIONS: All dimensions involving new Work tying into or governed by existing construction shall be field checked by the Contractor and furnished to the Subcontractors prior to fabrication of any Work. The verified dimensions shall appear and be noted as such on the first shop drawing submitted.

5.3.3. ASSUMPTIONS: The Engineer has made assumptions concerning the soundness of the existing buildings and these assumptions are that this building was designed and constructed in conformity with good design and construction practices. The Contractor shall take extraordinary precautions concerning preservation of the building during demolition and new construction Work. Further, the Contractor shall agree to assume all responsibility for the preservation of this property.

5.3.4. NOTIFICATION: The Contractor shall notify the Architect/Engineer immediately of any discrepancies between construction documents and actual field conditions.

5.3.5. HOLES: All holes through existing construction shall be core drilled or saw cut.

5.3.6. NEW OPENINGS IN EXISTING SLABS: New openings in existing slabs shall be cut in such a manner as to minimize cutting existing slab reinforcement. The slab shall not be overcut unless approved by the Engineer.

5.4. GENERAL:

5.4.1. These drawings do not include necessary components for construction safety.

5.4.2. The structural design is based only on the building in its completed state. Contractors and their subs shall take whatever precautions are necessary to withstand all horizontal and vertical loadings that may be encountered during the construction prior to completion of the building.

5.4.3. During construction, the Contractor may encounter existing conditions which are not now known or are at variance with project documentation (Discovery). Such conditions may interfere with new construction or required protection and/or support of existing Work during construction, or may consist of damage or deterioration to structural materials or components which could jeopardize the structural integrity of the building(s).

5.4.4. The Contractor shall notify the Engineer of all Discoveries that the Contractor believes may interfere with proper execution of the Work or jeopardize the structural integrity of the building(s) prior to proceeding with Work related to such Discoveries.

KEYPLAN
NTS
NORTH

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR, INC.
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

STRUCTURAL:
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570
ERA 2020045-00

MECHANICAL / ELECTRICAL / PLUMBING:
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

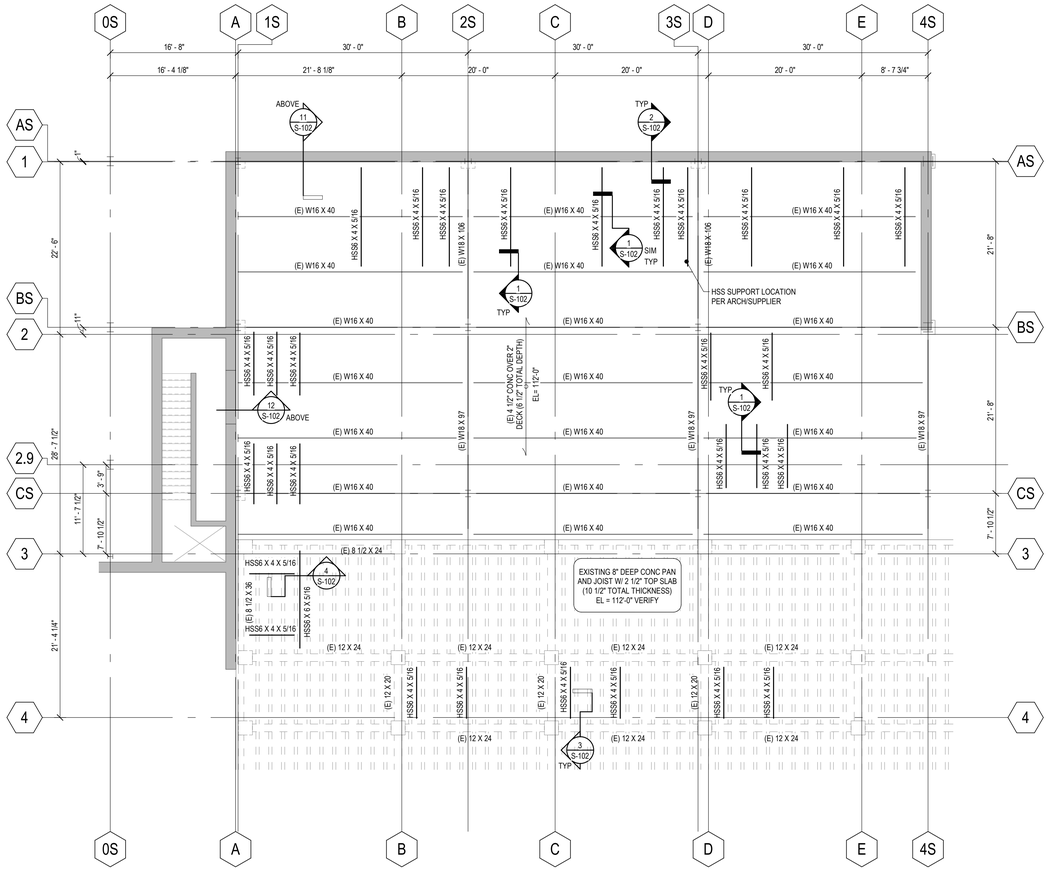
ARCHITECT OF RECORD
ARCHITECT OF RECORD:
STONE GROUP ARCHITECTS

STAMP
REGISTERED PROFESSIONAL ENGINEER
REG. NO. 4750
MICHAEL A. DeSUTTER
SOUTH DAKOTA
11-06-2020

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

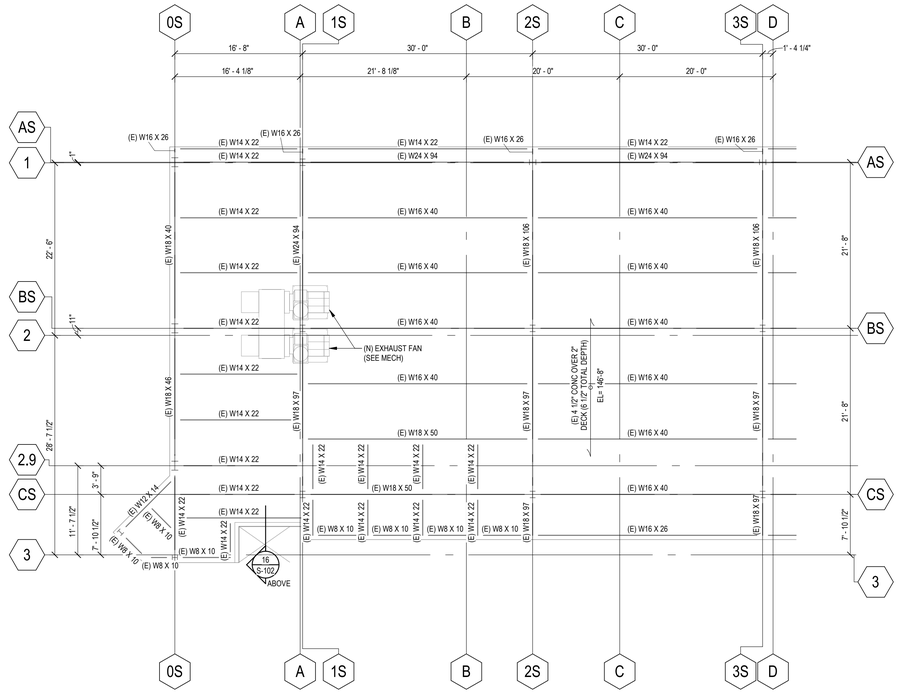
Drawing Title: GENERAL STRUCTURAL NOTES
Phase: BID SET
Project Title: RENOVATE PREOPERATIVE CARE UNIT
Project Number: VA #438-19-101 SGA #191910
Building Number: 5
Location: SIOUX FALLS, SOUTH DAKOTA
Drawing Number: S-100
Approved:
Issue Date: 11/06/2020
Checked: BAS
Drawn: BES

C:\Users\jsscow\Documents\20-045_S20_VA Pre-Op Care_bscowERA.rvt
11/5/2020 11:51:41 AM
VA FORM 08 - 6231



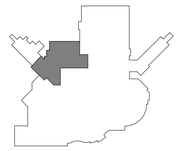
1 S-101 FIRST FLOOR FRAMING PLAN
1/8" = 1'-0"

INFORMATION ON THIS PLAN REGARDING EXISTING STRUCTURE WAS TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS. ACTUAL FIELD CONDITION MAY VARY FROM WHAT IS SHOWN. ALL DIMENSIONS, ELEVATIONS AND CONDITIONS OF EXISTING STRUCTURE TO BE FIELD VERIFIED PRIOR TO FABRICATION.



2 S-101 ROOF FRAMING PLAN
1/8" = 1'-0"

INFORMATION ON THIS PLAN REGARDING EXISTING STRUCTURE WAS TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS. ACTUAL FIELD CONDITION MAY VARY FROM WHAT IS SHOWN. ALL DIMENSIONS, ELEVATIONS AND CONDITIONS OF EXISTING STRUCTURE TO BE FIELD VERIFIED PRIOR TO FABRICATION.



KEYPLAN
NTS

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR
BWBR, INC.
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

STRUCTURAL:
ERA ERICKSEN ROED & ASSOCIATES
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570
ERA 2020045-00

MECHANICAL / ELECTRICAL / PLUMBING:
DUNHAM
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

ARCHITECT OF RECORD:
STONE GROUP ARCHITECTS

STAMP
REGISTERED PROFESSIONAL ENGINEER
REG. NO. 4750
MICHAEL A. DeSUTTER
SOUTH DAKOTA
11-06-2020

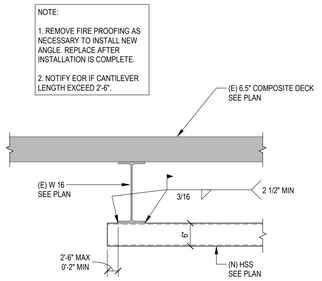
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

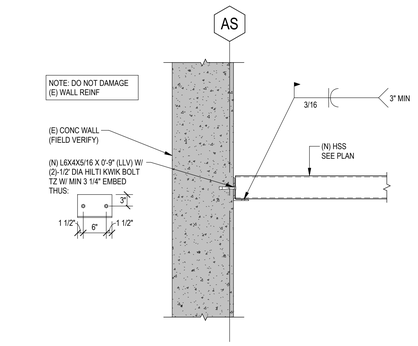
Drawing Title: FRAMING PLANS	Phase: BID SET
Approved:	

Project Title: RENOVATE PREOPERATIVE CARE UNIT		Project Number: VA #438-19-101 SGA #191910
		Building Number: 5
Location: SIOUX FALLS, SOUTH DAKOTA		Drawing Number: S-101
Issue Date: 11/06/2020	Checked: BAS	Drawn: BES

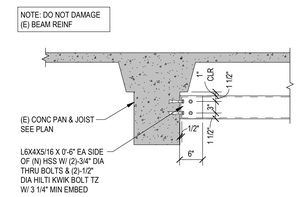
C:\Users\bsowl\Documents\20-045_SGN_VA Pre-Op Care_bsowlERA.rvt
11/5/2020 11:51:38 AM
VA FORM 08 - 6231



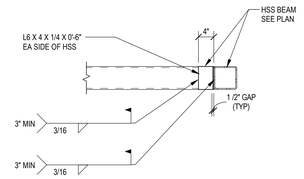
1 S-102 FRAMING DETAIL
3/4" = 1'-0"



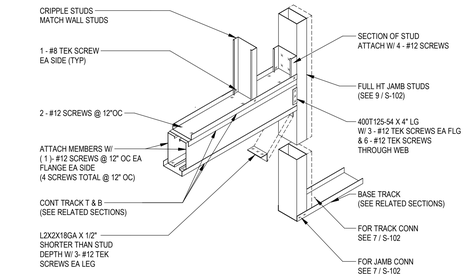
2 S-102 FRAMING DETAIL
3/4" = 1'-0"



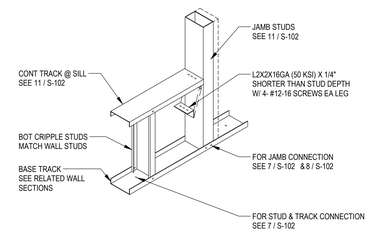
3 S-102 FRAMING DETAIL
3/4" = 1'-0"



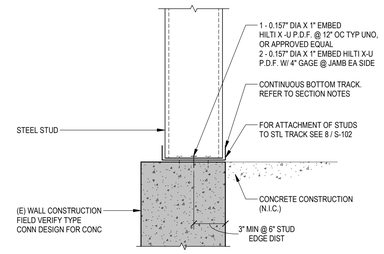
4 S-102 FRAMING DETAIL
3/4" = 1'-0"



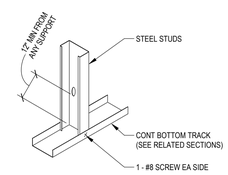
5 S-102 LIGHT GAGE - HEADER TRACK AT DOOR / WINDOW OPENING
3/4" = 1'-0"



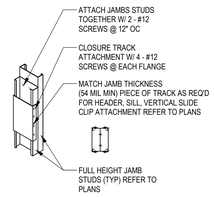
6 S-102 LIGHT GAGE - SILL TRACK
3/4" = 1'-0"



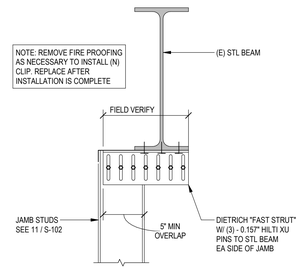
7 S-102 BASE DETAIL AT CONCRETE
3/4" = 1'-0"



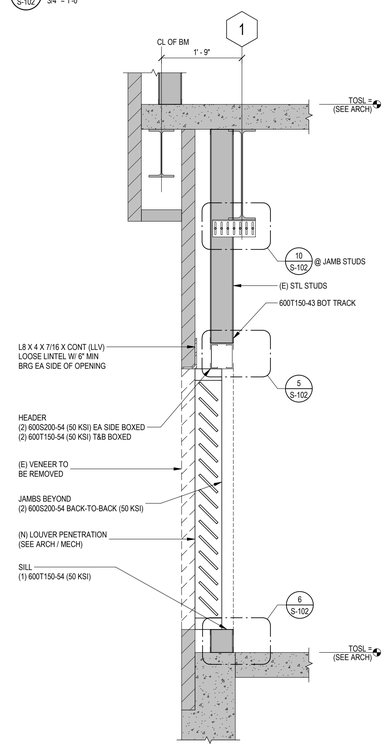
8 S-102 LIGHT GAGE - STUD BOTTOM TRACK CONNECTION
3/4" = 1'-0"



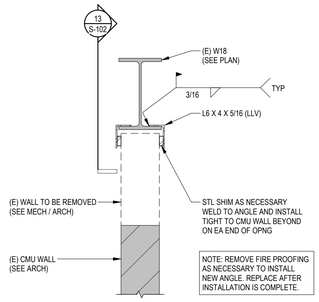
9 S-102 JAMB ATTACHMENTS
3/4" = 1'-0"



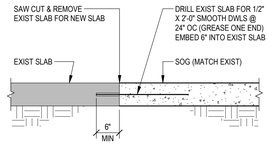
10 S-102 SIDE CLIP ATTACHMENT AT STEEL
1 1/2" = 1'-0"



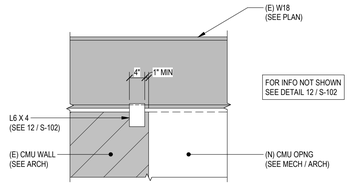
11 S-102 LOUVER DETAIL
3/4" = 1'-0"



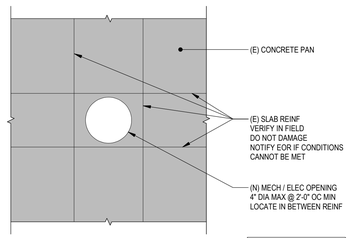
12 S-102 FRAMING DETAIL
3/4" = 1'-0"



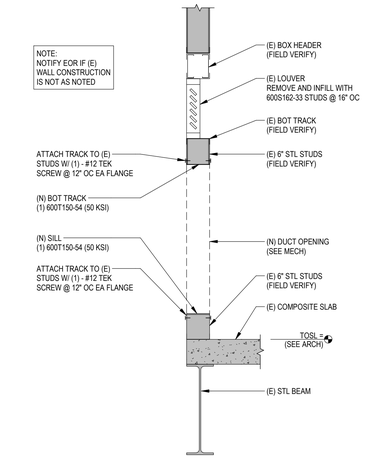
14 S-102 SOG - NEW TO EXIST CONSTRUCTION JOINT
NO SCALE



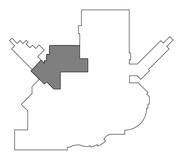
13 S-102 FRAMING DETAIL
3/4" = 1'-0"



15 S-102 TYPICAL MECH / ELEC CONC FLOOR
3/4" = 1'-0"



16 S-102 FRAMING DETAIL
3/4" = 1'-0"



KEYPLAN
NTS
NORTH

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER: BWBR
BWBR, INC.
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

STRUCTURAL: ERA ERICKSEN ROED & ASSOCIATES
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570
ERA 2020045-00

MECHANICAL / ELECTRICAL / PLUMBING: DUNHAM
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

ARCHITECT OF RECORD:
STONE GROUP ARCHITECTS

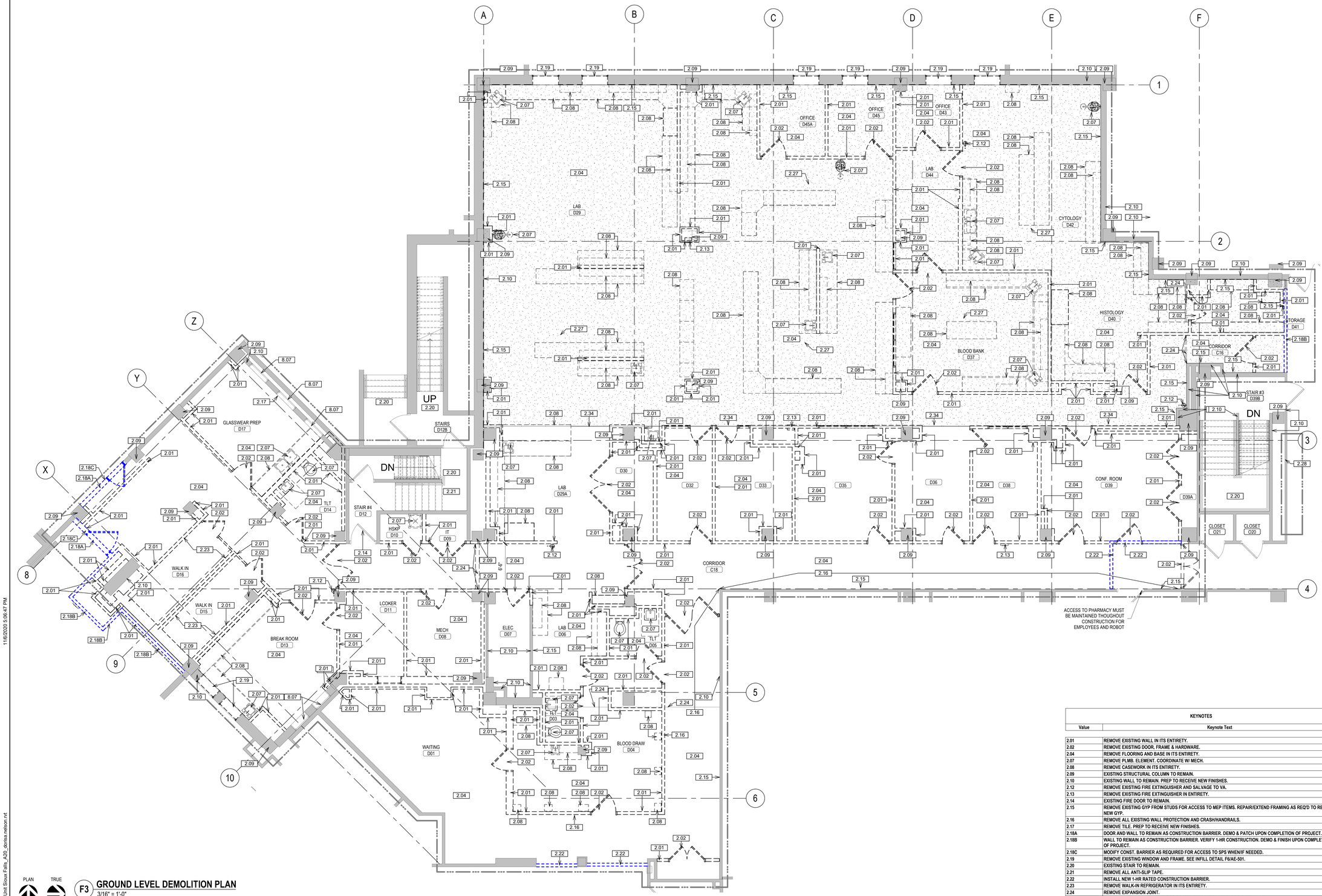
STAMP
REGISTERED PROFESSIONAL ENGINEER
REG. NO. 4750
MICHAEL A. DeSUTTER
SOUTH DAKOTA
11/06/2020

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FRAMING DETAILS	Phase: BID SET	Project Title: RENOVATE PREOPERATIVE CARE UNIT	Project Number: VA #438-19-101 SGA #191910
			Building Number: 5
Approved:		Location: SIOUX FALLS, SOUTH DAKOTA	Drawing Number: S-102
		Issue Date: 11/06/2020 / Checked: BAS / Drawn: BES	

C:\Users\tjescovi\Documents\20-045_S20_VA Pre-Op Care_tescoviERA.rvt
11/6/2020 11:51:44 AM

VA FORM 08 - 6231



GENERAL DEMOLITION NOTES:

A. REFER TO MECHANICAL DRAWINGS FOR RELATED DEMOLITION OF MECHANICAL/PLUMBING CONSTRUCTION.

B. REFER TO ELECTRICAL DRAWINGS FOR RELATED DEMOLITION OF ELECTRICAL CONSTRUCTION.

C. PATCH TO MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING DEMOLITION.

D. PATCH ABANDONED OPENINGS AND PENETRATIONS RELATED TO MECHANICAL AND ELECTRICAL DEMOLITION.

E. PROTECT SURROUNDING ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSE.

F. FURNISHINGS OR EQUIPMENT IN AREA OF WORK ARE TO BE REMOVED AND TURNED OVER TO OWNER, UNLESS NOTED OTHERWISE. DISPOSE OF ALL ITEMS NOT WANTED BY OWNER.

G. MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION.

H. WORK TIME RESTRICTIONS:

1. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PATIENT NEEDS OR NOISE ISSUES.
2. CORRIDORS AND CORRIDOR ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIMES (EXCEPT POSSIBLY OUTSIDE BUSINESS HOURS WHEN WORK COULD BE COORDINATED AND COMPLETED).
3. WORK MUST BE COORDINATED WITH THE IMMEDIATE REINSTALLATION OF FINISHES SO CORRIDORS DO NOT REMAIN IN AN UNFINISHED STATE.
4. REINSTALL CEILING TILE AT END OF EACH SHIFT WHERE CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS.

I. MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK.

J. EXISITNG CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM EXISTING DRAWINGS AND FIELD SURVEY, AND SHALL NOT BE CONSTRUED "AS BUILT". CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO ONSET OF CONSTRUCTION.

K. COORDINATE DEMOLITION WORK WITH PHASING PLANS AND OWNER FOR SCHEDULE OF OCCUPANCY.

L. CONTRACTOR SHALL COORDINATE WITH OWNER FOR ALL EXISTING EQUIPMENT AND FURNITURE ITEMS THAT ARE TO BE SALVAGED OR REINSTALLED PRIOR TO THE COMMENCEMENT OF DEMOLITION.

M. ALL SURFACES AFFECTED BY DEMOLITION TO BE CLEANED AND PREPARED FOR APPLICATION OF NEW FINISHES OR PATCHED TO MATCH EXISITNG.

N. REMOVE ALL FLOORING FINISHES AND BASE. PREPARE SLAB AND EXISTING WALLS TO REMAIN TO RECIEVE NEW FINISHES.

O. CONTRACTOR BUILDING ACCESS DURING EACH PHASE IS TO BE COORINDATED WITH VA COR.

P. ALL CONSTRUCTION BARRIER WALLS MUST BE 1- HOUR RATED W/ 45 MINUTE RATED DOORS. VERIFY RATING OF EXISTING WALLS USED AS CONSTRUCTION BARRIERS. ALL PENETRATIONS TO BE FIRESTOPPED.

Q. CONCRETE TIE BEAM LOCATED BENEATH SLAB ON GRADE CONSTUCTION. DO NOT DAMAGE OR OVER EXCAVATE DURING SLAB DEMOLITION AND PLUMBING INSTALLATION. MEMBER IS NEEDED FOR OVERALL BUILDING STABILITY. CONTACT EOR IF CANNOT BE MET.

DEMOLITION PLAN LEGEND

- EXISTING ITEMS TO REMAIN
- DEMO ACT CEILING
- DEMOLITION ITEMS
- CONSTRUCTION BARRIER
- CONSTRUCTION LIMITS
- CONCRETE SLAB REMOVAL

KEYNOTES

Value	Keynote Text
2.01	REMOVE EXISTING WALL IN ITS ENTIRETY.
2.02	REMOVE EXISTING DOOR, FRAME & HARDWARE.
2.04	REMOVE FLOORING AND BASE IN ITS ENTIRETY.
2.07	REMOVE PLMB. ELEMENT. COORDINATE W/ MECH.
2.08	REMOVE CASEWORK IN ITS ENTIRETY.
2.09	EXISTING STRUCTURAL COLUMN TO REMAIN.
2.10	EXISTING WALL TO REMAIN. PREP TO RECEIVE NEW FINISHES.
2.12	REMOVE EXISTING FIRE EXTINGUISHER AND SALVAGE TO VA.
2.13	REMOVE EXISTING FIRE EXTINGUISHER IN ENTIRETY.
2.14	EXISTING FIRE DOOR TO REMAIN.
2.15	REMOVE EXISTING GYP FROM STUDS FOR ACCESS TO MEP ITEMS. REPAIR/EXTEND FRAMING AS REQ'D TO RECEIVE NEW GYP.
2.16	REMOVE ALL EXISTING WALL PROTECTION AND CRASH/HANDRAILS.
2.17	REMOVE TILE. PREP TO RECEIVE NEW FINISHES.
2.18A	DOOR AND WALL TO REMAIN AS CONSTRUCTION BARRIER. DEMO & PATCH UPON COMPLETION OF PROJECT.
2.18B	WALL TO REMAIN AS CONSTRUCTION BARRIER. VERIFY 1-HR CONSTRUCTION. DEMO & FINISH UPON COMPLETION OF PROJECT.
2.18C	MODIFY CONST. BARRIER AS REQUIRED FOR ACCESS TO SPS WHEN/IF NEEDED.
2.19	REMOVE EXISTING WINDOW AND FRAME. SEE INFILL DETAIL F6/AE-501.
2.20	EXISTING STAIR TO REMAIN.
2.21	REMOVE ALL ANTI-SLIP TAPE.
2.22	INSTALL NEW 1-HR RATED CONSTRUCTION BARRIER.
2.23	REMOVE WALK-IN REFRIGERATOR IN ITS ENTIRETY.
2.24	REMOVE EXPANSION JOINT.
2.27	CUT AND PATCH CONCRETE FLOOR TO MAINTAIN A MAX 1/8" SLOPE OVER 10'-0".
2.28	DEMOLITION OF EXISTING WALL AS NEEDED TO ACCESS MED GAS LINES - REF MECH.
2.34	REOMOVE EXISTING CONCRETE SLAB NORTH OF CONSTRUCTION JOINT AS INDICATED ON PLAN. SEE NOTE Q.
8.07	WINDOW CAN REMAIN. INFILL NOT REQ'D.

KEYPLAN NTS — NORTH

PLAN NORTH — TRUE NORTH

F3 **GROUND LEVEL DEMOLITION PLAN**
3/16" = 1'-0"

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
ERA ERICKSEN ROED & ASSOCIATES
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
DUNHAM
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

REGISTERED ARCHITECT — REG. NO. 9271 — TODD RANDALL STONE — SOUTH DAKOTA — 11-6-20

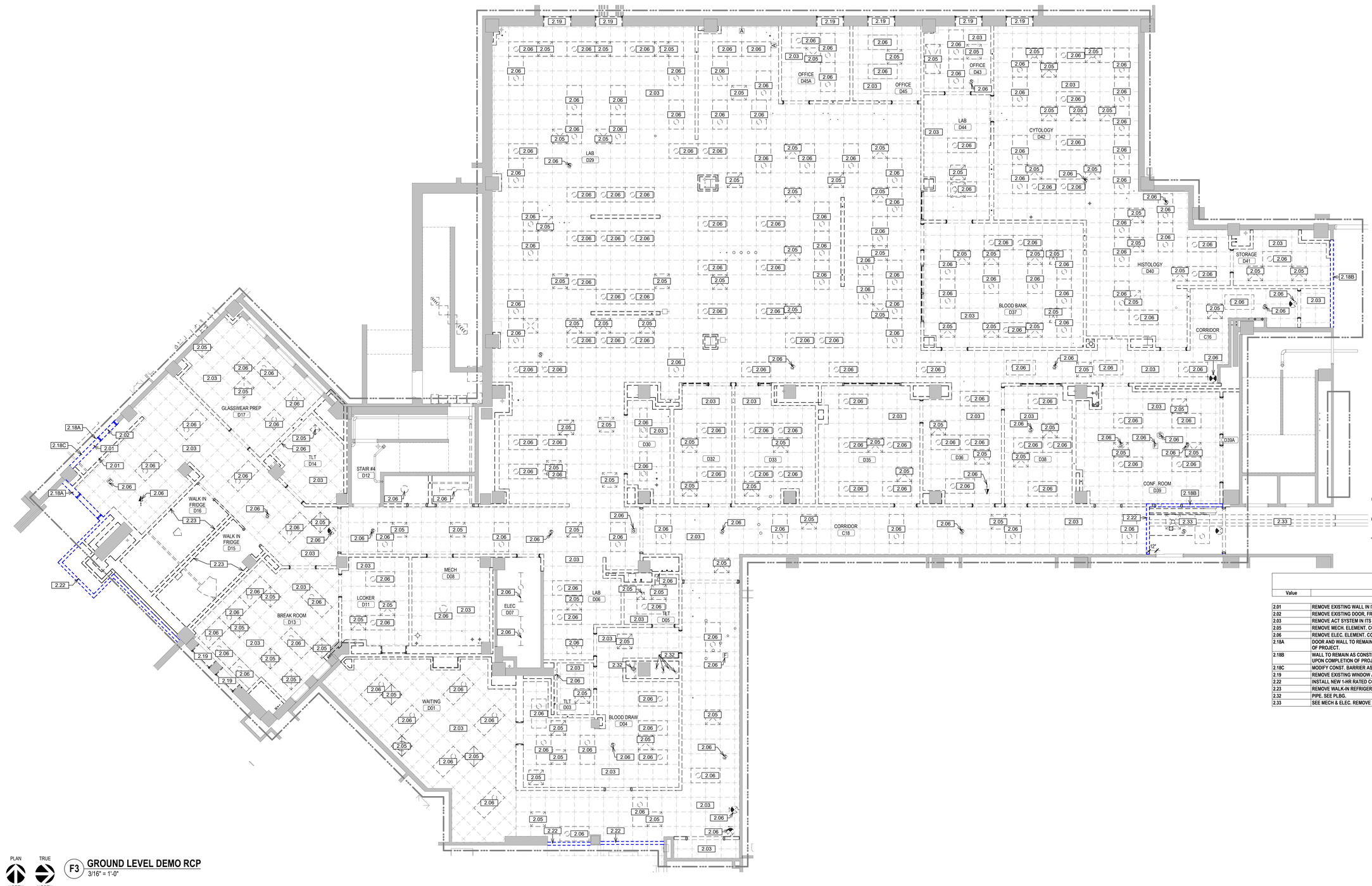
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title GROUND LEVEL DEMOLITION PLAN	**Phase** BID SET	**Project Title** RENOVATE PREOPERATIVE CARE UNIT	**Project Number** VA #438-19-101 SGA #191910
Approved:		**Location** SIOUX FALLS, SOUTH DAKOTA	**Building Number** 5
		Issue Date 11/06/20 · **Checked** TRS · **Drawn** DAN	**Drawing Number** AD-101

C:_SGA Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_A20_dcritea.nelson.rvt
11/6/2020 5:06:47 PM

VA FORM 08 - 6231



PLAN NORTH / TRUE NORTH

F3 GROUND LEVEL DEMO RCP

3/16" = 1'-0"

GENERAL DEMOLITION NOTES:

A. REFER TO MECHANICAL DRAWINGS FOR RELATED DEMOLITION OF MECHANICAL/PLUMBING CONSTRUCTION.

B. REFER TO ELECTRICAL DRAWINGS FOR RELATED DEMOLITION OF ELECTRICAL CONSTRUCTION.

C. PATCH TO MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING DEMOLITION.

D. PATCH ABANDONED OPENINGS AND PENETRATIONS RELATED TO MECHANICAL AND ELECTRICAL DEMOLITION.

E. PROTECT SURROUNDING ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSE.

F. FURNISHINGS OR EQUIPMENT IN AREA OF WORK ARE TO BE REMOVED AND TURNED OVER TO OWNER, UNLESS NOTED OTHERWISE. DISPOSE OF ALL ITEMS NOT WANTED BY OWNER.

G. MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION.

H. WORK TIME RESTRICTIONS:

1. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PATIENT NEEDS OR NOISE ISSUES.
2. CORRIDORS AND CORRIDOR ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIMES (EXCEPT POSSIBLY OUTSIDE BUSINESS HOURS WHEN WORK COULD BE COORDINATED AND COMPLETED).
3. WORK MUST BE COORDINATED WITH THE IMMEDIATE REINSTALLATION OF FINISHES SO CORRIDORS DO NOT REMAIN IN AN UNFINISHED STATE.
4. REINSTALL CEILING TILE AT END OF EACH SHIFT WHERE CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS.

I. MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK.

J. EXISITNG CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM EXISTING DRAWINGS AND FIELD SURVEY, AND SHALL NOT BE CONSTRUED "AS BUILT". CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO ONSET OF CONSTRUCTION.

K. COORDINATE DEMOLITION WORK WITH PHASING PLANS AND OWNER FOR SCHEDULE OF OCCUPANCY.

L. CONTRACTOR SHALL COORDINATE WITH OWNER FOR ALL EXISTING EQUIPMENT AND FURNITURE ITEMS THAT ARE TO BE SALVAGED OR REINSTALLED PRIOR TO THE COMMENCEMENT OF DEMOLITION.

M. ALL SURFACES AFFECTED BY DEMOLITION TO BE CLEANED AND PREPARED FOR APPLICATION OF NEW FINISHES OR PATCHED TO MATCH EXISITNG.

N. REMOVE ALL FLOORING FINISHES AND BASE. PREPARE SLAB AND EXISTING WALLS TO REMAIN TO RECIEVE NEW FINISHES.

O. CONTRACTOR BUILDING ACCESS DURING EACH PHASE IS TO BE COORINDATED WITH VA COR.

P. ALL CONSTRUCTION BARRIER WALLS MUST BE 1- HOUR RATED W/ 45 MINUTE RATED DOORS. VERIFY RATING OF EXISTING WALLS USED AS CONSTRUCTION BARRIERS. ALL PENETRATIONS TO BE FIRESTOPPED.

Q. CONCRETE TIE BEAM LOCATED BENEATH SLAB ON GRADE CONSTUCTION. DO NOT DAMAGE OR OVER EXCAVATE DURING SLAB DEMOLITION AND PLUMBING INSTALLATION. MEMBER IS NEEDED FOR OVERALL BUILDING STABILITY. CONTACT EOR IF CANNOT BE MET.

DEMOLITION PLAN LEGEND

- EXISTING ITEMS TO REMAIN
- DEMO ACT CEILING
- DEMOLITION ITEMS
- CONSTRUCTION BARRIER
- CONSTRUCTION LIMITS
- CONCRETE SLAB REMOVAL

KEYNOTES

Value	Keynote Text
2.01	REMOVE EXISTING WALL IN ITS ENTIRETY.
2.02	REMOVE EXISTING DOOR, FRAME & HARDWARE.
2.03	REMOVE ACT SYSTEM IN ITS ENTIRETY.
2.05	REMOVE MECH. ELEMENT. COORDINATE W/ MECH. TYP.
2.06	REMOVE ELEC. ELEMENT. COORDINATE W/ ELEC. TYP.
2.18A	DOOR AND WALL TO REMAIN AS CONSTRUCTION BARRIER. DEMO & PATCH UPON COMPLETION OF PROJECT.
2.18B	WALL TO REMAIN AS CONSTRUCTION BARRIER. VERIFY 1-HR CONSTRUCTION. DEMO & FINISH UPON COMPLETION OF PROJECT.
2.18C	MODIFY CONST. BARRIER AS REQUIRED FOR ACCESS TO SPS WHENIIF NEEDED.
2.19	REMOVE EXISTING WINDOW AND FRAME. SEE INFILL DETAIL F6/AE-501.
2.22	INSTALL NEW 1-HR RATED CONSTRUCTION BARRIER.
2.23	REMOVE WALK-IN REFRIGERATOR IN ITS ENTIRETY.
2.32	PIPE. SEE PLBG.
2.33	SEE MECH & ELEC. REMOVE AND REPLACE ACT AS REQ'D FOR ACCESS TO EQUIPMENT.

KEYPLAN NTS — NORTH

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER: BWBR
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL: ERA ERICKSEN ROED & ASSOCIATES
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING: DUNHAM
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

REGISTERED ARCHITECT — REG. NO. 9771 — TODD RANDALL STONE — SOUTH DAKOTA — 11-6-20

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

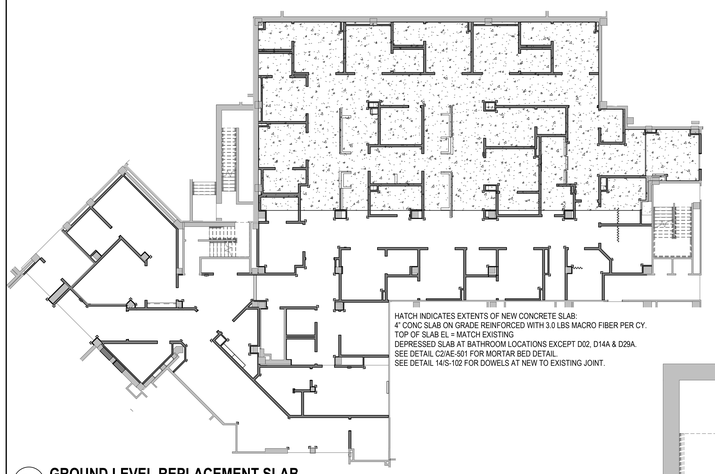
Drawing Title GROUND LEVEL DEMOLITION RCP	**Phase** BID SET	**Project Title** RENOVATE PREOPERATIVE CARE UNIT	**Project Number** VA #438-19-101 SGA #191910
Approved:		**Location** SIOUX FALLS, SOUTH DAKOTA	**Building Number** 5
		Issue Date 11/06/20 · **Checked** TRS · **Drawn** DAN	**Drawing Number** AD-102

VA FORM 08 - 6231

C:_SGA Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_A20_jbritsa.nelson.rvt

11/6/2020 5:06:55 PM

three inches = one foot · one and one half inches = one foot · one inch = one foot · three quarters inch = one foot · one half inch = one foot · three eighths inch = one foot · one quarter inch = one foot · one eighth inch = one foot



HATCH INDICATES EXTENTS OF NEW CONCRETE SLAB:
4" CONC SLAB ON GRADE REINFORCED WITH 3.0 LBS MACRO FIBER PER CY.
TOP OF SLAB EL = MATCH EXISTING
DEPRESSED SLAB AT BATHROOM LOCATIONS EXCEPT D02, D14A & D29A.
SEE DETAIL C2/AE-501 FOR MORTAR BED DETAIL.
SEE DETAIL 14/S-102 FOR DOWELS AT NEW TO EXISTING JOINT.

B1 GROUND LEVEL REPLACEMENT SLAB
1/16" = 1'-0"

F1 GROUND LEVEL FLOOR PLAN
3/16" = 1'-0"

PLAN NORTH / TRUE NORTH

GENERAL REMODEL NOTES:

A. REFER TO MECHANICAL DRAWINGS FOR RELATED MECHANICAL CONSTRUCTION.

B. REFER TO ELECTRICAL DRAWINGS FOR RELATED ELECTRICAL CONSTRUCTION.

C. PATCH TO MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING REMODELING.

D. PATCH EXISTING FINISHES DAMAGED DURING MECHANICAL AND ELECTRICAL REMODELING.

E. PROTECT SURROUNDING ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSE.

F. FURNISHINGS OR EQUIPMENT IN AREA OF WORK ARE TO BE REMOVED AND TURNED OVER TO OWNER, UNLESS NOTED OTHERWISE. DISPOSE OF ALL ITEMS NOT WANTED BY OWNER.

G. MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION.

H. WORK TIME RESTRICTIONS:
1. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PATIENT NEEDS OR NOISE ISSUES.
2. CORRIDORS TO REMAIN OPEN AT ALL TIMES, SHOULD BE SCHEDULED AFTER BUSINESS HOURS/ON WEEKENDS AND SHOULD BE SUBDIVIDED TO MAINTAIN CIRCULATION.
3. CORRIDOR ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIMES (EXCEPT POSSIBLY OUTSIDE BUSINESS HOURS WHEN WORK COULD BE COORDINATED AND COMPLETED).
4. WORK MUST BE COORDINATED WITH THE IMMEDIATE REINSTALLATION OF FINISHES SO CORRIDORS DO NOT REMAIN IN AN UNFINISHED STATE.
5. REINSTALL CEILING TILE AT END OF EACH SHIFT WHERE CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS.

I. MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK.

J. ANY DISCREPANCIES FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS AND THE OWNER BEFORE PROCEEDING WITH ALL THE WORK.

K. ALL ITEMS INSTALLED IN CEILINGS ARE TO BE CENTERED AND /OR SYMMETRICAL ON THE CENTERLINE OF ROOMS AND CENTERED IN TILES.

L. INSTALL ALL WALL MOUNTED EXIT SIGNS AND OTHER FIXTURES CENTERED ABOVE OPENINGS WHERE POSSIBLE.

M. REFLECTED CEILING PLANS SHOW LOCATIONS OF ITEMS THAT ARE ARCHITECTURALLY SIGNIFICANT ONLY. MECHANICAL AND ELECTRICAL ITEMS INDICATED ARE FOR REFERENCE ONLY. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS.

N. SUSPENDED CEILING TO BE CENTERED WITH THE BALANCE GRID DESIGN WITH EDGE UNITS NO LESS THAN 50% OF THE TILE SIZE.

O. ALL BULKHEAD HORIZONTAL AND VERTICAL FACES TO BE PAINTED PT-2, UNLESS NOTED OTHERWISE.

P. SEE AF-101 FOR FINISHES. CLASS A FINISHES WITH SOME EXCEPTIONS.

Q. ALL CABINET LOCKS TO BE HARDWIRED. NO BATTERIES FOR FURNITURE/CABINET LOCKS.

R. ACT CEILING HEIGHT OF 8'-0" IS EXPECTED WHERE INDICATED. SLIGHT VARIATION DUE TO MECHANICAL AND ELECTRICAL EQUIPMENT INTERFERENCE IS ACCEPTABLE IN ROOMS D25, D25A, D27, D27A, D28, D30, D30A & D32.

S. ALL DOORS TO BE 4" FROM ADJACENT STUD WALL UON.

T. FINISHED FLOOR TO MAINTAIN A MAX 1/8" SLOPE OVER 10'-0" EXCEPT FOR REQ'D SLOPING NEAR FLOOR DRAINS.

U. UNLESS NOTED OFOI OR OFCI, ALL ITEMS TO BE CFCI.

V. VERIFY STRUCTURAL COLUMN FIREPROOFING THICKNESS IS ADEQUATE.

W. ACCESS TO PHARMACY MUST BE MAINTAINED THROUGHOUT CONSTRUCTION FOR EMPLOYEES AND ROBOT.

X. CONTRACTORS WILL NOTIFY OWNER IMMEDIATELY OF ANY MATERIALS WHICH ARE SUSPECTED OF CONTAINING ASBESTOS OR LEAD AND SHALL NOT DISTURB OR ATTEMPT TO ABATE ANY ASBESTOS OR LEAD CONTAINING MATERIAL. THE OWNER WILL OBTAIN AND PROVIDE THE SERVICES OF PROFESSIONALS SKILLED IN ASBESTOS OR LEAD REMOVAL.

Y. CORE DRILLS THROUGH EXISTING PAN AND JOIST CONSTRUCTION ARE ONLY PERMITED AS SHOWN IN THE STRUCTURAL DRAWINGS. CORE DRILLS TO BE 4" DIA MAX @ 2'-0" MIN AND MIN 4" AWAY FROM EXISTING CONCRETE JOISTS/BEAMS. CORE DRILLS THROUGH CONCRETE BEAMS AND JOISTS ARE NOT PERMITTED.

Z. PROVIDE FINISHED ENDS AT ALL CASEWORK THAT WILL BE EXPOSED.

KEYNOTES

Value	Keynote Text
3.03	EXISTING CONTROL JOINT LOCATION TO REMAIN. REPLACE WITH SLAB REPLACEMENT.
6.01	ALIGN NEW WALL FINISH WITH EXISTING WALL FINISH.
6.02	INSTALL FURRING TIGHT TO PIPE.
6.03	INSTALL FURRING TIGHT TO COLUMN.
6.04	PATCH EXISTING WALL DEMO'D FOR ACCESS TO MED GAS LINES.
6.07	VERIFY 1-HR FIRE RATING. ALTER AS REQ'D TO ACHIEVE RATING.
6.08	ALL WALLS IN THIS ROOM, TYP - G.W.B. TO DECK ABOVE, SEAL TOP AND BOTTOM OF WALL TO MAINTAIN NEGATIVE ROOM PRESSURE. VERIFY WITH MECH FOR ADDITIONAL NOTES.
6.09	THIS WALL - G.W.B. TO DECK ABOVE. SEAL TOP AND BOTTOM OF WALL TO MAINTAIN NEGATIVE ROOM PRESSURE. VERIFY WITH MECH FOR ADDITIONAL NOTES.
7.01A	FLOOR EXPANSION JOINT COVER. SEE AE-501.
7.01B	WALL EXPANSION JOINT COVER. SEE AE-501.
8.07	WINDOW CAN REMAIN. INFILL NOT REQ'D.
9.17	NEW GWB ON EXISTING STUDS.
10.03	SEMI-RECESSED FIRE EXTINGUISHER.
23.07	PRESSURE MONITOR. SEE MECH.
26.08	EXISTING IT EQUIPMENT TO REMAIN OPERATIONAL AND DUST FREE THROUGHOUT DEMOLITION AND CONSTRUCTION.

KEYPLAN NTS — NORTH

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER: BWBR
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL: ERA ERICKSEN ROED & ASSOCIATES
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING: DUNHAM
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP: REGISTERED ARCHITECT — 9771 — TODD RANDALL STONE — NORTH DAKOTA — 11-10-20

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GROUND LEVEL FLOOR PLAN	Phase: BID SET	Project Title: RENOVATE PREOPERATIVE CARE UNIT	Project Number: VA #438-19-101 SGA #191910
			Building Number: 5
Approved:		Location: SIOUX FALLS, SOUTH DAKOTA	Drawing Number: AE-101
		Issue Date: 11/06/20 / Checked: TRS / Drawn: DAN	

VA FORM 08 - 6231

C:_SGA\ Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_A20_dorian.nelson.rvt
11/6/2020 5:07:09 PM

PLAN NORTH / TRUE NORTH

F1 GROUND LEVEL RCP

3/16" = 1'-0"

GENERAL REMODEL NOTES:

A. REFER TO MECHANICAL DRAWINGS FOR RELATED MECHANICAL CONSTRUCTION.

B. REFER TO ELECTRICAL DRAWINGS FOR RELATED ELECTRICAL CONSTRUCTION.

C. PATCH TO MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING REMODELING.

D. PATCH EXISTING FINISHES DAMAGED DURING MECHANICAL AND ELECTRICAL REMODELING.

E. PROTECT SURROUNDING ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSE.

F. FURNISHINGS OR EQUIPMENT IN AREA OF WORK ARE TO BE REMOVED AND TURNED OVER TO OWNER, UNLESS NOTED OTHERWISE. DISPOSE OF ALL ITEMS NOT WANTED BY OWNER.

G. MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION.

H. WORK TIME RESTRICTIONS:

1. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PATIENT NEEDS OR NOISE ISSUES.
2. CORRIDORS TO REMAIN OPEN AT ALL TIMES, SHOULD BE SCHEDULED AFTER BUSINESS HOURS/ON WEEKENDS AND SHOULD BE SUBDIVIDED TO MAINTAIN CIRCULATION.
3. CORRIDOR ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIMES (EXCEPT POSSIBLY OUTSIDE BUSINESS HOURS WHEN WORK COULD BE COORDINATED AND COMPLETED).
4. WORK MUST BE COORDINATED WITH THE IMMEDIATE REINSTALLATION OF FINISHES SO CORRIDORS DO NOT REMAIN IN AN UNFINISHED STATE.
5. REINSTALL CEILING TILE AT END OF EACH SHIFT WHERE CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS.

I. MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK.

J. ANY DISCREPANCIES FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS AND THE OWNER BEFORE PROCEEDING WITH ALL THE WORK.

K. ALL ITEMS INSTALLED IN CEILINGS ARE TO BE CENTERED AND /OR SYMMETRICAL ON THE CENTERLINE OF ROOMS AND CENTERED IN TILES.

L. INSTALL ALL WALL MOUNTED EXIT SIGNS AND OTHER FIXTURES CENTERED ABOVE OPENINGS WHERE POSSIBLE.

M. REFLECTED CEILING PLANS SHOW LOCATIONS OF ITEMS THAT ARE ARCHITECTURALLY SIGNIFICANT ONLY. MECHANICAL AND ELECTRICAL ITEMS INDICATED ARE FOR REFERENCE ONLY. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS.

N. SUSPENDED CEILING TO BE CENTERED WITH THE BALANCE GRID DESIGN WITH EDGE UNITS NO LESS THAN 50% OF THE TILE SIZE.

O. ALL BULKHEAD HORIZONTAL AND VERTICAL FACES TO BE PAINTED PT-2, UNLESS NOTED OTHERWISE.

P. SEE AF-101 FOR FINISHES. CLASS A FINISHES WITH SOME EXCEPTIONS.

Q. ALL CABINET LOCKS TO BE HARDWIRED. NO BATTERIES FOR FURNITURE/CABINET LOCKS.

R. ACT CEILING HEIGHT OF 8'-0" IS EXPECTED WHERE INDICATED. SLIGHT VARIATION DUE TO MECHANICAL AND ELECTRICAL EQUIPMENT INTERFERENCE IS ACCEPTABLE IN ROOMS D25, D25A, D27, D27A, D28, D30, D30A & D32.

S. ALL DOORS TO BE 4" FROM ADJACENT STUD WALL UON.

T. FINISHED FLOOR TO MAINTAIN A MAX 1/8" SLOPE OVER 10'-0" EXCEPT FOR RE/QD SLOPING NEAR FLOOR DRAINS.

U. UNLESS NOTED OFOI OR OFCI, ALL ITEMS TO BE CFCI.

V. VERIFY STRUCTURAL COLUMN FIREPROOFING THICKNESS IS ADEQUATE.

W. ACCESS TO PHARMACY MUST BE MAINTAINED THROUGHOUT CONSTRUCTION FOR EMPLOYEES AND ROBOT.

X. CONTRACTORS WILL NOTIFY OWNER IMMEDIATELY OF ANY MATERIALS WHICH ARE SUSPECTED OF CONTAINING ASBESTOS OR LEAD AND SHALL NOT DISTURB OR ATTEMPT TO ABATE ANY ASBESTOS OR LEAD CONTAINING MATERIAL. THE OWNER WILL OBTAIN AND PROVIDE THE SERVICES OF PROFESSIONALS SKILLED IN ASBESTOS OR LEAD REMOVAL.

Y. CORE DRILLS THROUGH EXISTING PAN AND JOIST CONSTRUCTION ARE ONLY PERMITED AS SHOWN IN THE STRUCTURAL DRAWINGS. CORE DRILLS TO BE 4" DIA MAX @ 2'-0" MIN AND MIN 4" AWAY FROM EXISTING CONCRETE JOISTS/BEAMS. CORE DRILLS THROUGH CONCRETE BEAMS AND JOISTS ARE NOT PERMITTED.

Z. PROVIDE FINISHED ENDS AT ALL CASEWORK THAT WILL BE EXPOSED.

REFLECTED CEILING LEGEND

PATTERN	DESCRIPTION
	HATCH INDICATES 2' X 4' SUSPENDED GRID AND ACOUSTICAL CEILING TILE
	HATCH INDICATES 2' X 2' SUSPENDED GRID AND ACOUSTICAL CEILING TILE
	HATCH INDICATES GYPSUM BOARD WITH SMOOTH FINISH AND PAINT

KEYNOTES

Value	Keynote Text
7.01	EXPANSION JOINT COVER.
7.01C	CEILING EXPANSION JOINT COVER. SEE AE-501.
7.03	CONTRACTOR TO CUT TILES AT EXPANSION JOINT TO MAINTAIN GRID LAYOUT.
9.14	EXPOSED TO STRUCTURE ABOVE.
9.29	SKYFACTORY CLASSIC LUMINOUS SKY CEILING. INSTALL PER MFR'S INSTRUCTIONS AND DETAILS.
11.06A	HILLROM LIKO BARIATRIC PATIENT LIFT. INSTALL PER MFR'S INSTRUCTIONS AND DETAILS.
12.33	PRIVACY CURTAIN AND TRACK.
23.01	MECHANICAL EQUIPMENT. SEE MECH.
23.05	MECHANICAL ELEMENT. SEE MECH. TYP.
26.01	LIGHT FIXTURE. SEE ELEC. TYP.

KEYPLAN NTS — NORTH

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
Ericksen Roed & Associates
2500 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

REGISTERED ARCHITECT — 9771 — TODD RANDALL STONE — SOUTH DAKOTA — 11-1-20

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

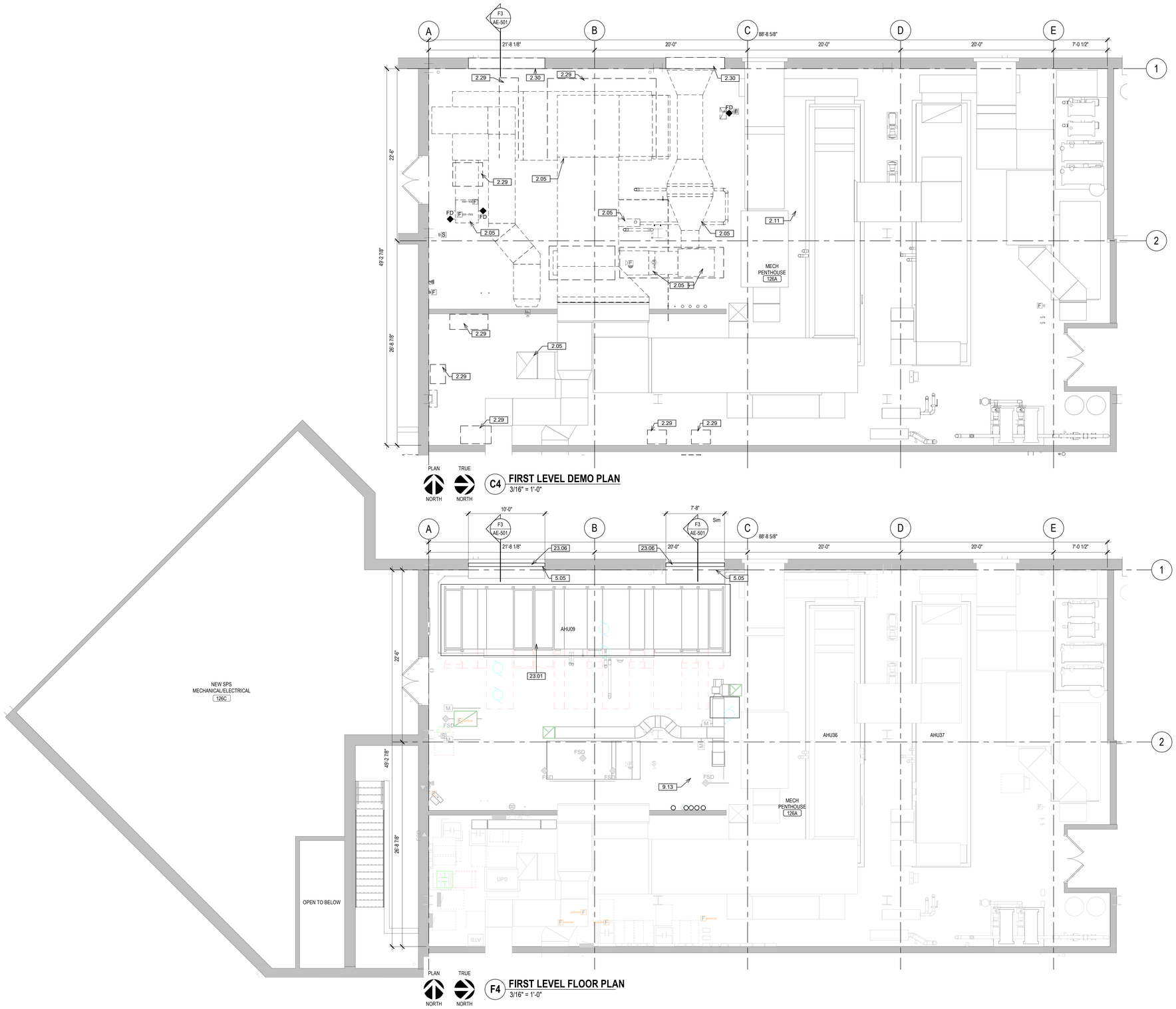
Drawing Title: GROUND LEVEL RCP	Phase: BID SET
Approved:	

Project Title: RENOVATE PREOPERATIVE CARE UNIT	Project Number: VA #438-19-101 SGA #191910
	Building Number: 5
Location: SIOUX FALLS, SOUTH DAKOTA	Drawing Number: AE-102
Issue Date: 11/06/20 — Checked: TRS — Drawn: DAN	

11/6/2020 5:07:12 PM

C:_SGA Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_ACD_dorlas.nelson.rvt

VA FORM 08 - 6231



GENERAL REMODEL NOTES:

A. REFER TO MECHANICAL DRAWINGS FOR RELATED MECHANICAL CONSTRUCTION.

B. REFER TO ELECTRICAL DRAWINGS FOR RELATED ELECTRICAL CONSTRUCTION.

C. PATCH TO MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING REMODELING.

D. PATCH EXISTING FINISHES DAMAGED DURING MECHANICAL AND ELECTRICAL REMODELING.

E. PROTECT SURROUNDING ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSE.

F. FURNISHINGS OR EQUIPMENT IN AREA OF WORK ARE TO BE REMOVED AND TURNED OVER TO OWNER, UNLESS NOTED OTHERWISE. DISPOSE OF ALL ITEMS NOT WANTED BY OWNER.

G. MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION.

H. WORK TIME RESTRICTIONS:

1. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PATIENT NEEDS OR NOISE ISSUES.
2. CORRIDORS TO REMAIN OPEN AT ALL TIMES, SHOULD BE SCHEDULED AFTER BUSINESS HOURS/ON WEEKENDS AND SHOULD BE SUBDIVIDED TO MAINTAIN CIRCULATION.
3. CORRIDOR ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIMES (EXCEPT POSSIBLY OUTSIDE BUSINESS HOURS WHEN WORK COULD BE COORDINATED AND COMPLETED).
4. WORK MUST BE COORDINATED WITH THE IMMEDIATE REINSTALLATION OF FINISHES SO CORRIDORS DO NOT REMAIN IN AN UNFINISHED STATE.
5. REINSTALL CEILING TILE AT END OF EACH SHIFT WHERE CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS.

I. MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK.

J. ANY DISCREPANCIES FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS AND THE OWNER BEFORE PROCEEDING WITH ALL THE WORK.

K. ALL ITEMS INSTALLED IN CEILINGS ARE TO BE CENTERED AND /OR SYMMETRICAL ON THE CENTERLINE OF ROOMS AND CENTERED IN TILES.

L. INSTALL ALL WALL MOUNTED EXIT SIGNS AND OTHER FIXTURES CENTERED ABOVE OPENINGS WHERE POSSIBLE.

M. REFLECTED CEILING PLANS SHOW LOCATIONS OF ITEMS THAT ARE ARCHITECTURALLY SIGNIFICANT ONLY. MECHANICAL AND ELECTRICAL ITEMS INDICATED ARE FOR REFERENCE ONLY. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS.

N. SUSPENDED CEILING TO BE CENTERED WITH THE BALANCE GRID DESIGN WITH EDGE UNITS NO LESS THAN 50% OF THE TILE SIZE.

O. ALL BULKHEAD HORIZONTAL AND VERTICAL FACES TO BE PAINTED PT-2, UNLESS NOTED OTHERWISE.

P. SEE AF-101 FOR FINISHES. CLASS A FINISHES WITH SOME EXCEPTIONS.

Q. ALL CABINET LOCKS TO BE HARDWIRED. NO BATTERIES FOR FURNITURE/CABINET LOCKS.

R. ACT CEILING HEIGHT OF 8'-0" IS EXPECTED WHERE INDICATED. SLIGHT VARIATION DUE TO MECHANICAL AND ELECTRICAL EQUIPMENT INTERFERENCE IS ACCEPTABLE IN ROOMS D25, D25A, D27, D27A, D28, D30, D30A & D32.

S. ALL DOORS TO BE 4" FROM ADJACENT STUD WALL UON.

T. FINISHED FLOOR TO MAINTAIN A MAX 1/8" SLOPE OVER 10'-0" EXCEPT FOR REQ'D SLOPING NEAR FLOOR DRAINS.

U. UNLESS NOTED OFOI OR OFCI, ALL ITEMS TO BE CFCI.

V. VERIFY STRUCTURAL COLUMN FIREPROOFING THICKNESS IS ADEQUATE.

W. ACCESS TO PHARMACY MUST BE MAINTAINED THROUGHOUT CONSTRUCTION FOR EMPLOYEES AND ROBOT.

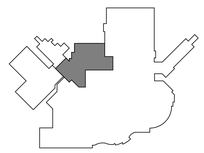
X. CONTRACTORS WILL NOTIFY OWNER IMMEDIATELY OF ANY MATERIALS WHICH ARE SUSPECTED OF CONTAINING ASBESTOS OR LEAD AND SHALL NOT DISTURB OR ATTEMPT TO ABATE ANY ASBESTOS OR LEAD CONTAINING MATERIAL. THE OWNER WILL OBTAIN AND PROVIDE THE SERVICES OF PROFESSIONALS SKILLED IN ASBESTOS OR LEAD REMOVAL.

Y. CORE DRILLS THROUGH EXISTING PAN AND JOIST CONSTRUCTION ARE ONLY PERMITED AS SHOWN IN THE STRUCTURAL DRAWINGS. CORE DRILLS TO BE 4" DIA MAX @ 2'-0" MIN AND MIN 4" AWAY FROM EXISTING CONCRETE JOISTS/BEAMS. CORE DRILLS THROUGH CONCRETE BEAMS AND JOISTS ARE NOT PERMITTED.

Z. PROVIDE FINISHED ENDS AT ALL CASEWORK THAT WILL BE EXPOSED.

KEYNOTES

Value	Keynote Text
2.05	REMOVE MECH. ELEMENT. COORDINATE W/ MECH. TYP.
2.11	CLEAN FLOOR AND PREP FOR NEW FINISHES.
2.29	DEMO EXISTING EQUIPMENT PLATFORM. PATCH AS REQUIRED.
2.30	DEMO WALL FOR MECH LOUVER. SEE MECH.
5.05	LINTEL. SEE STRUCT.
9.13	APPLY EPOXY COATING W/ VINYL CHIP BROADCAST UP AND OVER NEW AND EXISTING EQUIPMENT CURBS/PLATFORMS.
23.01	MECHANICAL EQUIPMENT. SEE MECH.
23.06	MECHANICAL LOUVER. SEE MECH.



KEYPLAN NORTH
NTS

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

REGISTERED ARCHITECT
REG. NO. 9771
TODD RANDALL STONE
SOUTH DAKOTA
11-6-20

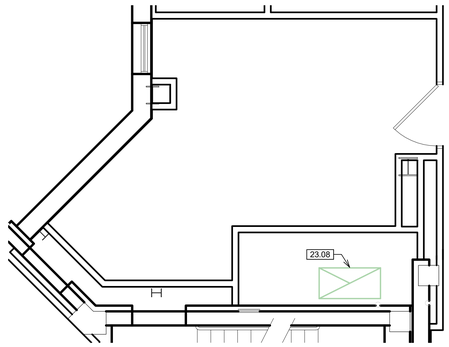
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

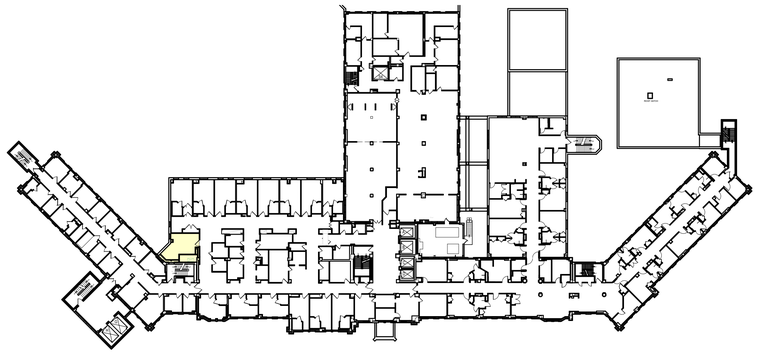
Drawing Title: FIRST LEVEL DEMOLITION & FLOOR PLANS	Phase: BID SET	Project Title: RENOVATE PREOPERATIVE CARE UNIT	Project Number: VA #438-19-101 SGA #191910
Approved:		Location: SIOUX FALLS, SOUTH DAKOTA	Building Number: 5
		Issue Date: 11/06/20 / Checked: TRS / Drawn: DAN	Drawing Number: AE-103

VA FORM 08 - 6231

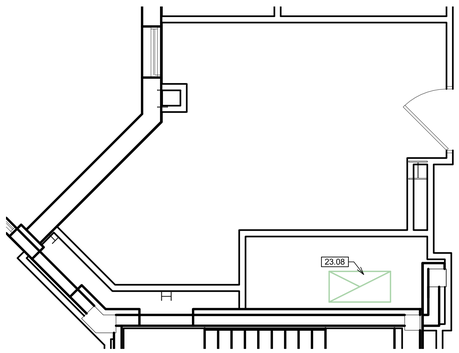
C:_SGA Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_A20_jkrisa.nelson.rvt
11/6/2020 5:07:14 PM



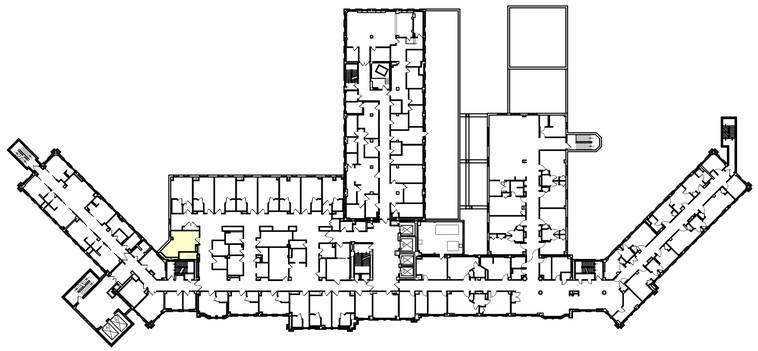
B4 **2ND LEVEL MECHANICAL ROOM**
1/4" = 1'-0"



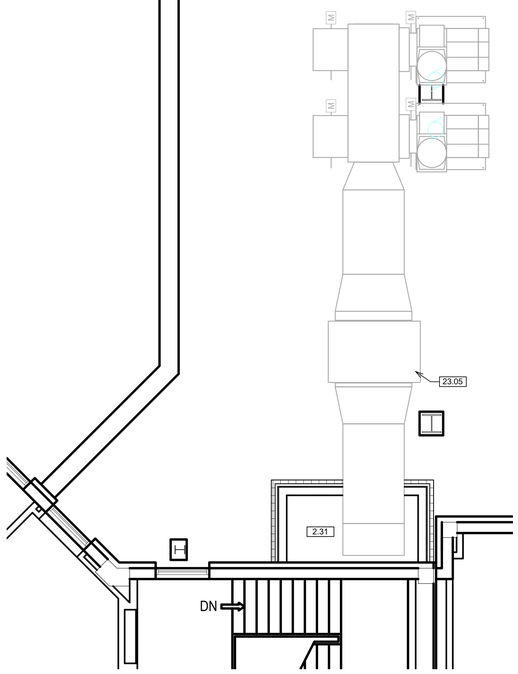
B7 **2ND LEVEL MECH ROOM LOCATION**
1" = 40'-0"



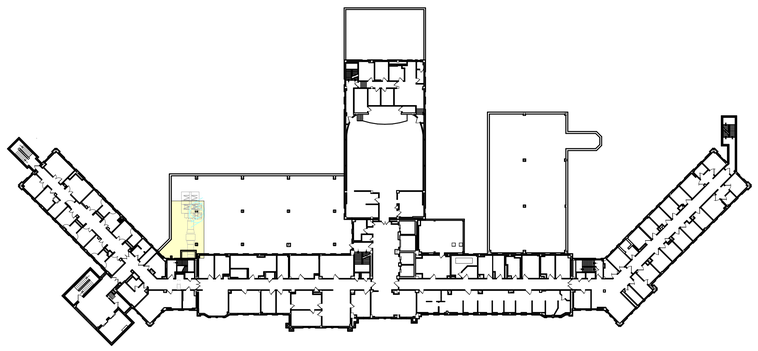
D4 **3RD LEVEL MECHANICAL ROOM**
1/4" = 1'-0"



D7 **3RD LEVEL MECH ROOM LOCATION**
1" = 40'-0"

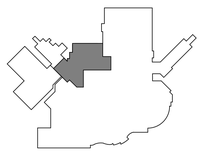


F2 **4TH LEVEL ROOF**
1/4" = 1'-0"



F7 **4TH LEVEL ROOF LOCATION KEY**
1" = 40'-0"

KEYNOTES	
Value	Keynote Text
2.31	SEE MECH. FOR 4TH AND 5TH LEVEL HVAC DEMOLITION.
23.05	MECHANICAL ELEMENT. SEE MECH. TYP.
23.08	NEW EXHAUST RISER THROUGH EXISTING CHASE. SEE MECH.



KEYPLAN NTS NORTH

Revision#	Description	Date:

CONSULTANTS

MEDICAL PLANNER:
BWBR
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
ERA ERICKSEN ROED & ASSOCIATES
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
DUNHAM
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

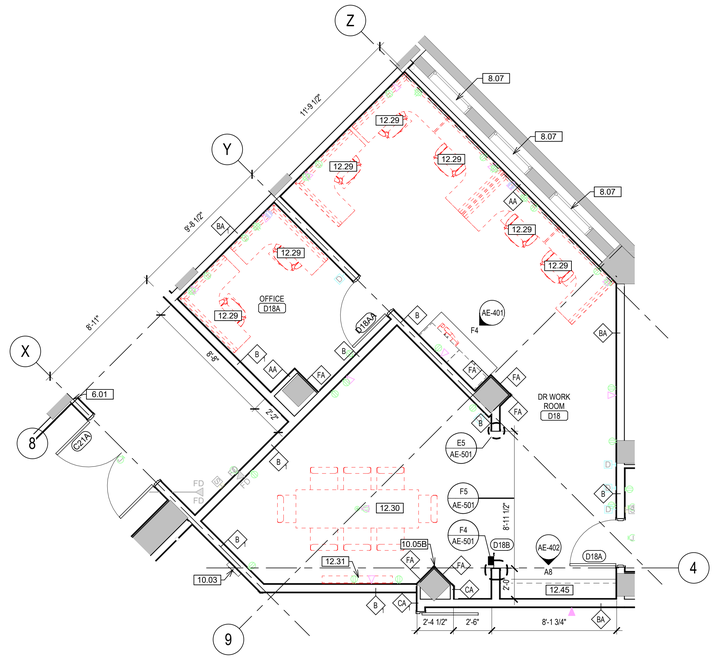
REGISTERED ARCHITECT 9271 TODD RANDALL STANG SOUTH DAKOTA 12-7-20

Office of Construction and Facilities Management

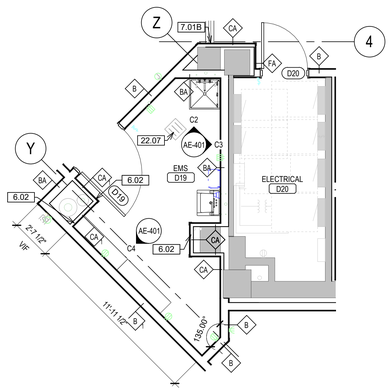
VA U.S. Department of Veterans Affairs

Drawing Title 2ND-4TH MECH FLOOR PLANS	**Phase** BID SET	**Project Title** RENOVATE PREOPERATIVE CARE UNIT	**Project Number** VA #438-19-101 SGA #191910
Approved:			**Building Number** 5
		Location SIOUX FALLS, SOUTH DAKOTA	**Drawing Number** AE-104
		Issue Date 11/06/20 · **Checked** TRS · **Drawn** DAN	

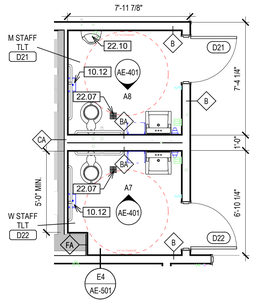
VA FORM 08 - 6231



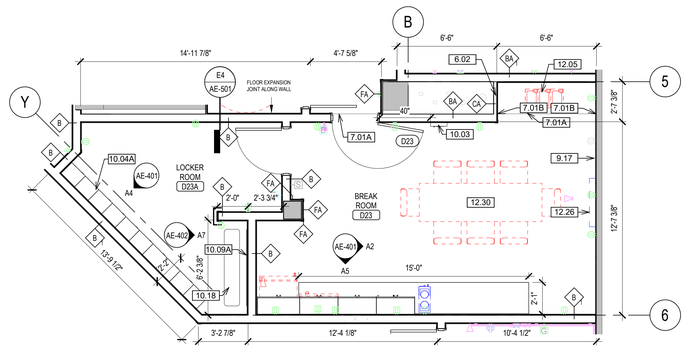
E1 DOCTOR WORK ROOM
1/4" = 1'-0"



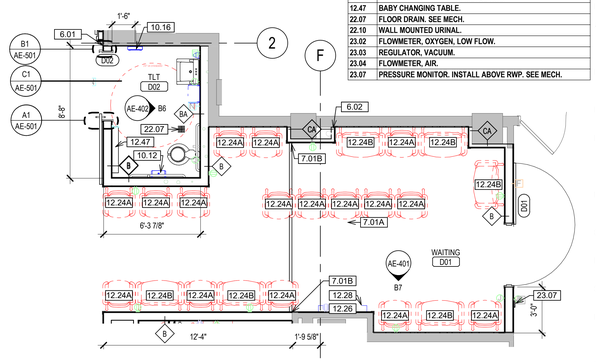
D4 EMS/ELECTRICAL
1/4" = 1'-0"



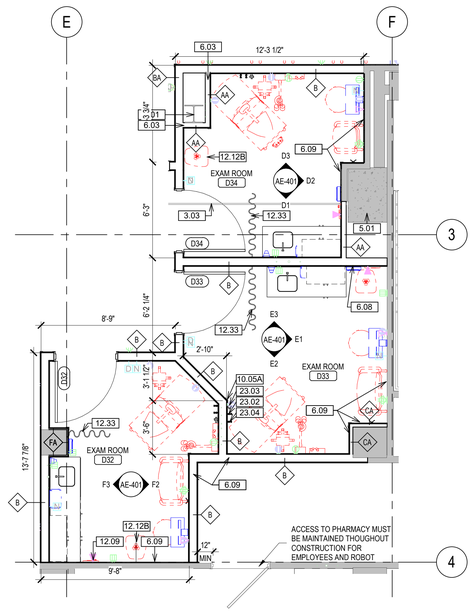
D6 STAFF TLTS
1/4" = 1'-0"



F5 STAFF BREAK ROOM
1/4" = 1'-0"



C8 WAITING ROOM
1/4" = 1'-0"



F8 EXAM ROOMS
1/4" = 1'-0"

KEYNOTES	
Value	**Keynote Text**
3.03	EXISTING CONTROL JOINT LOCATION TO REMAIN. REPLACE WITH SLAB REPLACEMENT.
5.01	EXISTING STRUCTURAL COLUMN.
6.01	ALIGN NEW WALL FINISH WITH EXISTING WALL FINISH.
6.02	INSTALL FURRING TIGHT TO PIPE.
6.03	INSTALL FURRING TIGHT TO COLUMN.
6.08	ALL WALLS IN THIS ROOM, TYP - G.W.B. TO DECK ABOVE, SEAL TOP AND BOTTOM OF WALL TO MAINTAIN NEGATIVE ROOM PRESSURE. VERIFY WITH MECH FOR ADDITIONAL NOTES.
6.09	THIS WALL - G.W.B. TO DECK ABOVE. SEAL TOP AND BOTTOM OF WALL TO MAINTAIN NEGATIVE ROOM PRESSURE. VERIFY WITH MECH FOR ADDITIONAL NOTES.
7.01A	FLOOR EXPANSION JOINT COVER. SEE AE-501.
7.01B	WALL EXPANSION JOINT COVER. SEE AE-501.
8.07	WINDOW CAN REMAIN. INFILL NOT REQ'D.
9.17	NEW GWB ON EXISTING STUDS.
10.03	SEMI-RECESSED FIRE EXTINGUISHER.
10.04A	METAL LOCKER W/SLOPED TOP & METAL BASE.
10.05A	CORNER GUARD. SEE INTERIOR FINISH SCHEDULE.
10.05B	CORNER GUARD. SEE AF-101 FOR LOCATIONS.
10.09A	60" X 36" MIRROR. BOTTOM OF REFELCTIVE SURFACE 40" AFF.
10.12	ACC TOILET PAPER DISPENSER. OUTLET OF DISPENSER TO BE 18" AFF. OFCI.
10.16	GLOVE DISPENSER. OFCI.
10.18	PEDESTAL BENCH.
12.05	TRASH/RECYCLING BINS. OFOI.
12.09	TELEPHONE. OFOI.
12.12B	INFECTIOUS WASTE BIN. OFOI.
12.24A	MIDMARK CHAIR. OFOI.
12.24B	MIDMARK BARIATRIC CHAIR. OFOI.
12.26	42" TELEVISION. OFOI. CONTRACTOR TO PROVIDE BACKING.
12.28	PATIENT TRACKING MONITOR. OFOI. CONTRACTOR TO PROVIDE BACKING.
12.29	60" X 48" DESK. OFOI.
12.30	96" X 30" CONFERENCE TABLE W/ 8 CHAIRS. OFOI.
12.31	SMART BOARD. OFOI.
12.33	PRIVACY CURTAIN AND TRACK.
12.45	15" DEEP PLAM SHELF W/ METAL ROD.
12.47	BABY CHANGING TABLE.
22.07	FLOOR DRAIN. SEE MECH.
22.10	WALL MOUNTED URINAL.
23.02	FLOWMETER, OXYGEN, LOW FLOW.
23.03	REGULATOR, VACUUM.
23.04	FLOWMETER, AIR.
23.07	PRESSURE MONITOR. INSTALL ABOVE RWP. SEE MECH.

GENERAL REMODEL NOTES:

A. REFER TO MECHANICAL DRAWINGS FOR RELATED MECHANICAL CONSTRUCTION.

B. REFER TO ELECTRICAL DRAWINGS FOR RELATED ELECTRICAL CONSTRUCTION.

C. PATCH TO MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING REMODELING.

D. PATCH EXISTING FINISHES DAMAGED DURING MECHANICAL AND ELECTRICAL REMODELING.

E. PROTECT SURROUNDING ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSE.

F. FURNISHINGS OR EQUIPMENT IN AREA OF WORK ARE TO BE REMOVED AND TURNED OVER TO OWNER, UNLESS NOTED OTHERWISE. DISPOSE OF ALL ITEMS NOT WANTED BY OWNER.

G. MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION.

H. WORK TIME RESTRICTIONS:
1. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PATIENT NEEDS OR NOISE ISSUES.
2. CORRIDORS TO REMAIN OPEN AT ALL TIMES, SHOULD BE SCHEDULED AFTER BUSINESS HOURS/ON WEEKENDS AND SHOULD BE SUBDIVIDED TO MAINTAIN CIRCULATION.
3. CORRIDOR ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIMES (EXCEPT POSSIBLY OUTSIDE BUSINESS HOURS WHEN WORK COULD BE COORDINATED AND COMPLETED).
4. WORK MUST BE COORDINATED WITH THE IMMEDIATE REINSTALLATION OF FINISHES SO CORRIDORS DO NOT REMAIN IN AN UNFINISHED STATE.
5. REINSTALL CEILING TILE AT END OF EACH SHIFT WHERE CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS.

I. MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK.

J. ANY DISCREPANCIES FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS AND THE OWNER BEFORE PROCEEDING WITH ALL THE WORK.

K. ALL ITEMS INSTALLED IN CEILINGS ARE TO BE CENTERED AND /OR SYMMETRICAL ON THE CENTERLINE OF ROOMS AND CENTERED IN TILES.

L. INSTALL ALL WALL MOUNTED EXIT SIGNS AND OTHER FIXTURES CENTERED ABOVE OPENINGS WHERE POSSIBLE.

M. REFLECTED CEILING PLANS SHOW LOCATIONS OF ITEMS THAT ARE ARCHITECTURALLY SIGNIFICANT ONLY. MECHANICAL AND ELECTRICAL ITEMS INDICATED ARE FOR REFERENCE ONLY. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS.

N. SUSPENDED CEILING TO BE CENTERED WITH THE BALANCE GRID DESIGN WITH EDGE UNITS NO LESS THAN 50% OF THE TILE SIZE.

O. ALL BULKHEAD HORIZONTAL AND VERTICAL FACES TO BE PAINTED PT-2, UNLESS NOTED OTHERWISE.

P. SEE AF-101 FOR FINISHES. CLASS A FINISHES WITH SOME EXCEPTIONS.

Q. ALL CABINET LOCKS TO BE HARDWIRED. NO BATTERIES FOR FURNITURE/CABINET LOCKS.

R. ACT CEILING HEIGHT OF 8'-0" IS EXPECTED WHERE INDICATED. SLIGHT VARIATION DUE TO MECHANICAL AND ELECTRICAL EQUIPMENT INTERFERENCE IS ACCEPTABLE IN ROOMS D25, D25A, D27, D27A, D28, D30, D30A & D32.

S. ALL DOORS TO BE 4" FROM ADJACENT STUD WALL UON.

T. FINISHED FLOOR TO MAINTAIN A MAX 1/8" SLOPE OVER 10'-0" EXCEPT FOR REQ'D SLOPING NEAR FLOOR DRAINS.

U. UNLESS NOTED OFOI OR OFCI, ALL ITEMS TO BE CFCI.

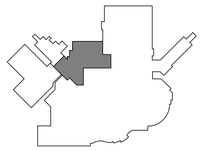
V. VERIFY STRUCTURAL COLUMN FIREPROOFING THICKNESS IS ADEQUATE.

W. ACCESS TO PHARMACY MUST BE MAINTAINED THROUGHOUT CONSTRUCTION FOR EMPLOYEES AND ROBOT.

X. CONTRACTORS WILL NOTIFY OWNER IMMEDIATELY OF ANY MATERIALS WHICH ARE SUSPECTED OF CONTAINING ASBESTOS OR LEAD AND SHALL NOT DISTURB OR ATTEMPT TO ABATE ANY ASBESTOS OR LEAD CONTAINING MATERIAL. THE OWNER WILL OBTAIN AND PROVIDE THE SERVICES OF PROFESSIONALS SKILLED IN ASBESTOS OR LEAD REMOVAL.

Y. CORE DRILLS THROUGH EXISTING PAN AND JOIST CONSTRUCTION ARE ONLY PERMITED AS SHOWN IN THE STRUCTURAL DRAWINGS. CORE DRILLS TO BE 4" DIA MAX @ 2'-0" MIN AND MIN 4" AWAY FROM EXISTING CONCRETE JOISTS/BEAMS. CORE DRILLS THROUGH CONCRETE BEAMS AND JOISTS ARE NOT PERMITTED.

Z. PROVIDE FINISHED ENDS AT ALL CASEWORK THAT WILL BE EXPOSED.



KEYPLAN
NTS
NORTH

Revision#	Description	Date:

C:_SGA Revit Local\191910_Renovate Preoperative Care Unit Sioux Falls_A20_dsteja.nelson.rvt
11/17/2020 3:01:31 PM

VA FORM 08 - 6231

CONSULTANTS

MEDICAL PLANNER:
BWBR
BWBR, INC.
380 Saint Peter Street
Suite 600
Saint Paul, MN 5512
Phone: 651-222-3701

STRUCTURAL:
ERA ERICKSEN ROED & ASSOCIATES
Ericksen Roed & Associates
2550 University Avenue West
Suite 423-S
Saint Paul, MN 55114
Phone: 651-251-7570

MECHANICAL / ELECTRICAL / PLUMBING:
DUNHAM
Dunham Associates, Inc.
50 South Sixth Street
Minneapolis, MN 55402-1540
Phone: 612-465-7550

ARCHITECT OF RECORD

Stone Group Architects
600 East 7th Street
Sioux Falls, SD 57103
605-271-1144

STONE GROUP ARCHITECTS

STAMP

REGISTERED ARCHITECT
REG. NO. 9271
TODD RANDALL STANE
11-6-20

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ENLARGED PLANS
Phase	BID SET
Approved:	
Project Title	RENOVATE PREOPERATIVE CARE UNIT
Location	SIOUX FALLS, SOUTH DAKOTA
Issue Date	11/06/20
Checked	TRS
Drawn	DAN
Project Number	VA #438-19-101 SGA #191910
Building Number	5
Drawing Number	AE-301