PROJECT NAME:

## Renovate Old Chapel and Auditorium

SITE ADDRESS:

## 2501 West 22nd St., Sioux Falls, SD 57105

VA PROJECT NUMBER: 438-19-301

### OWNER AND CONSULTANTS:

SIOUX FALLS, SD 57105 PHONE: 605.336.3290 EX 97441

VICINITY MAP:

Revisions:

VA FORM 08 - 6231

CONTACT: TOM OLESAK

PHONE: 763.412.4000

STRUCTURAL ENGINEER:

NAME: AST ENGINEERING ADDRESS: 3701 OHMS LANE, SUITE 215 EDINA, MN 55439

CONTACT: MICHELLE SCHMIDT PHONE: 952.854.9302

MECHANICAL ENGINEER:

ADDRESS: 12700 WEST DOGE ROAD

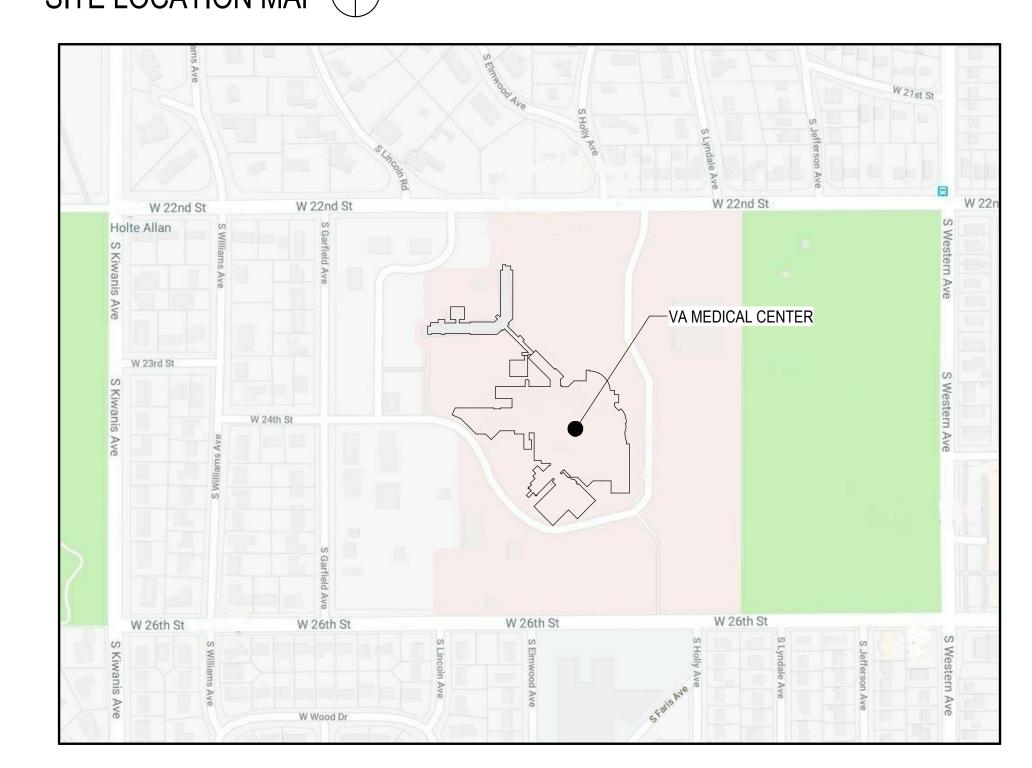
OMAHA, NE 68154 CONTACT: BRAIN HOWELL PHONE: 402.330.5900

ELECTRICAL ENGINEER:

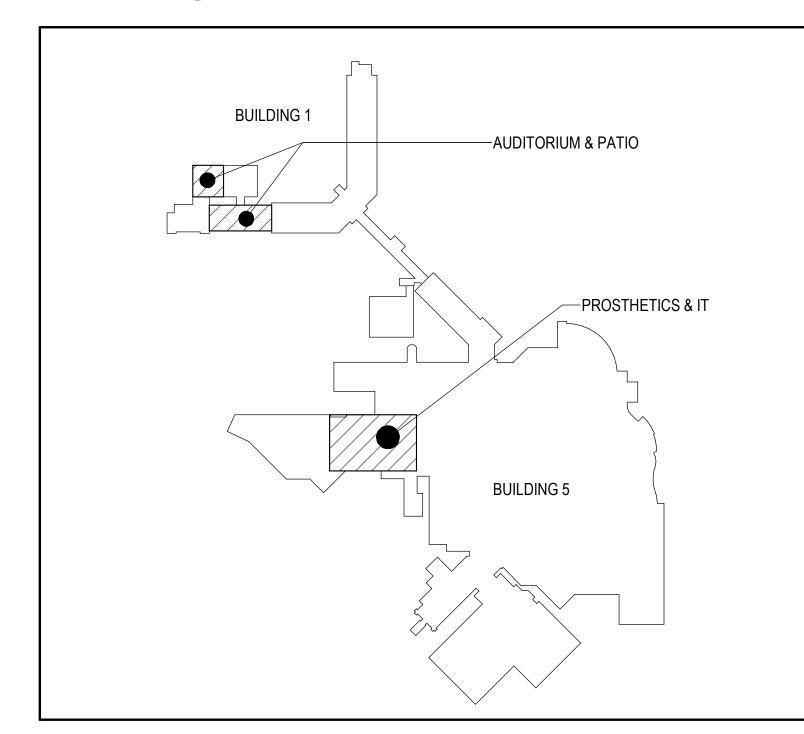
ADDRESS: 12700 WEST DOGE ROAD OMAHA, NE 68154

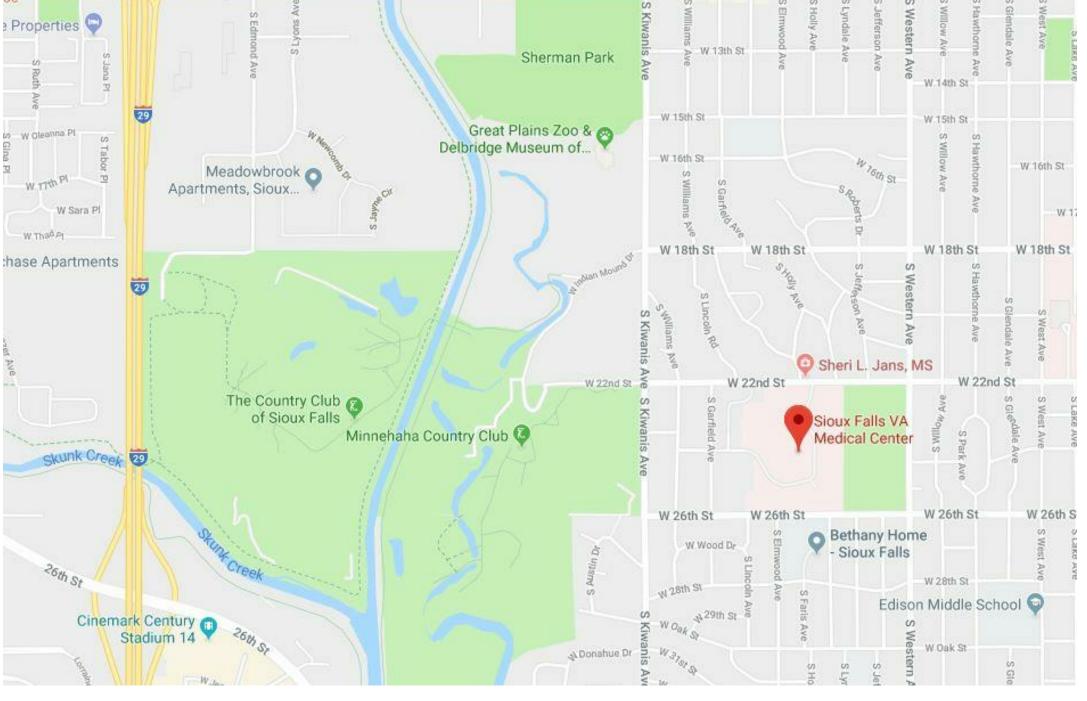
CONTACT: ROBERT HOTOVY PHONE: 402.330.5900

## SITE LOCATION MAP



## KEY PLAN



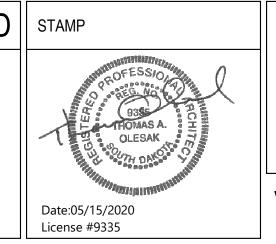


CONSULTANT

ARCHITECT/ENGINEER OF RECORD STAMP

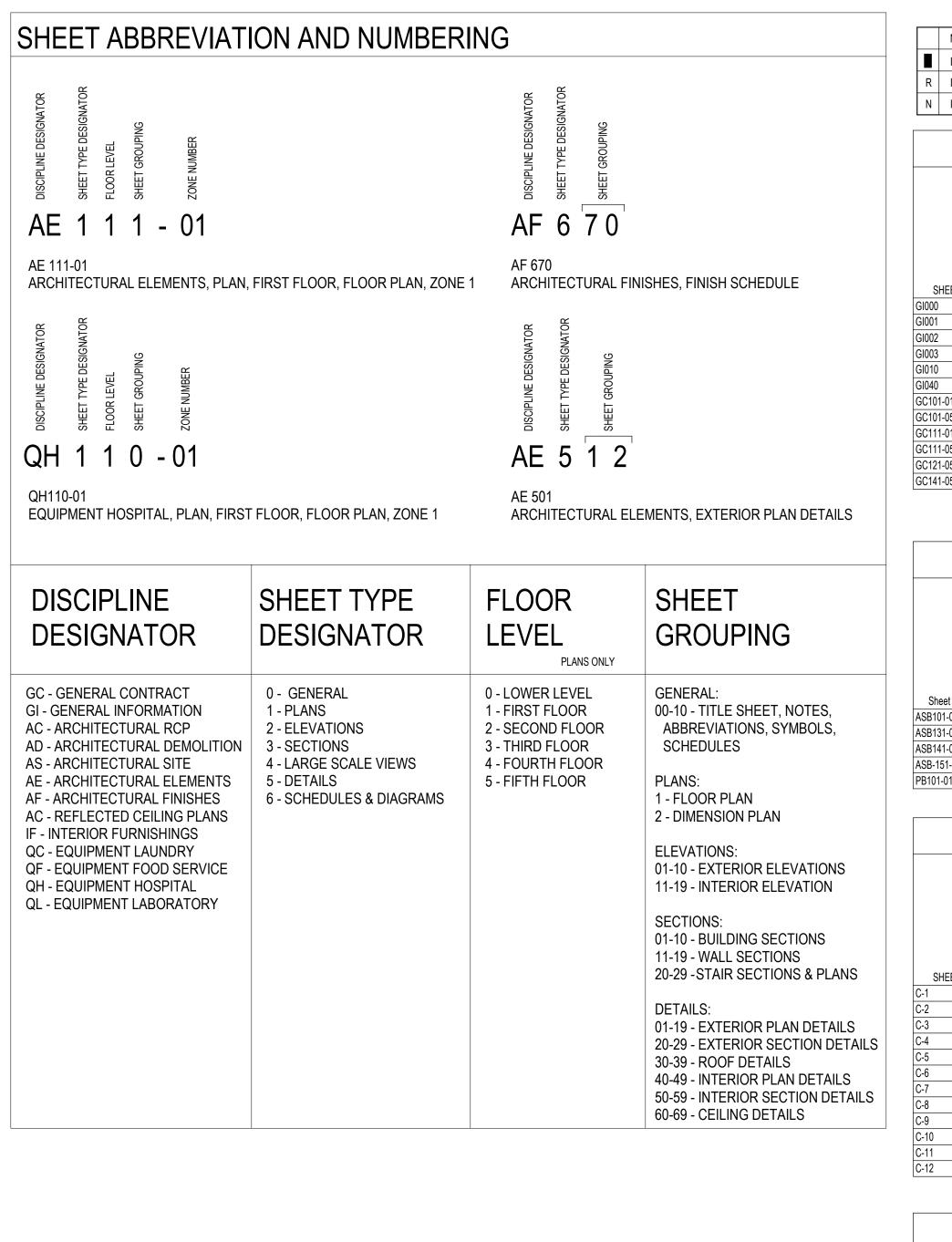


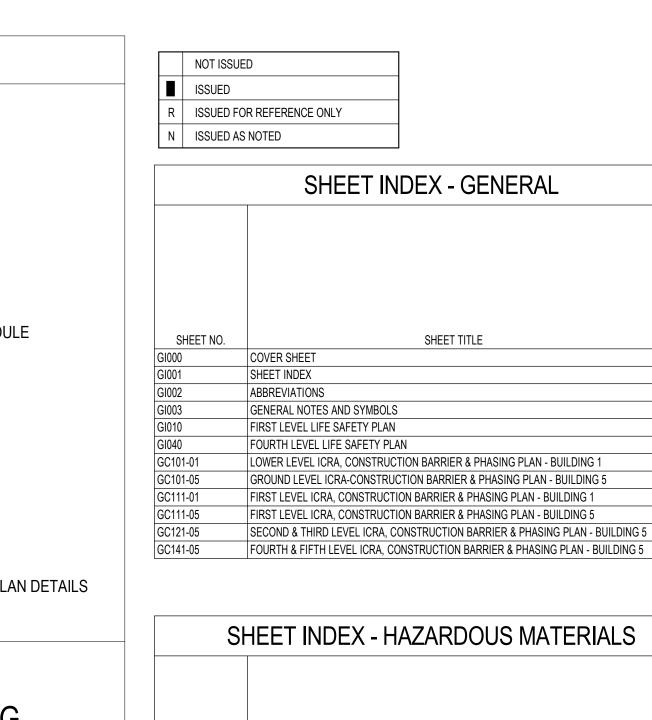
Anderson Engineering of Minnesota, LLC | Proj # 15522

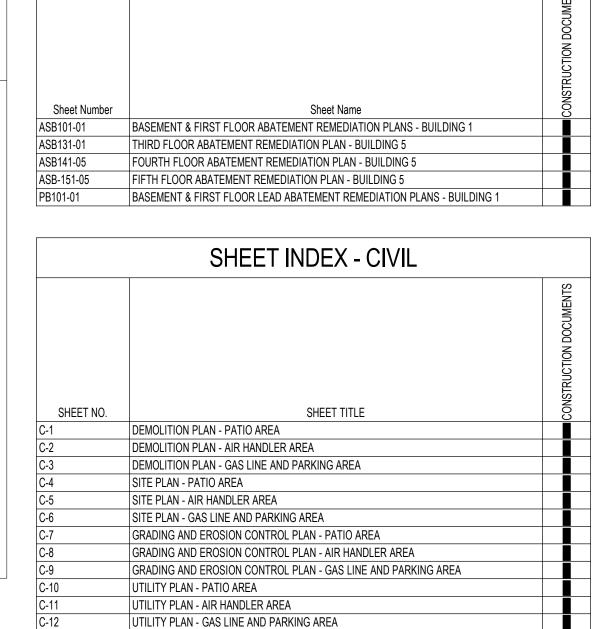


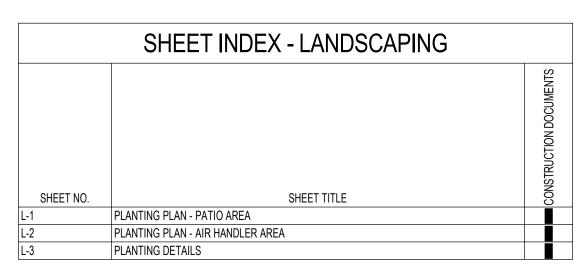
| Co<br>and | Office of nstruction d Facilities nagement |
|-----------|--|
| VA        | U.S. Department<br>of Veterans<br>Affairs  |

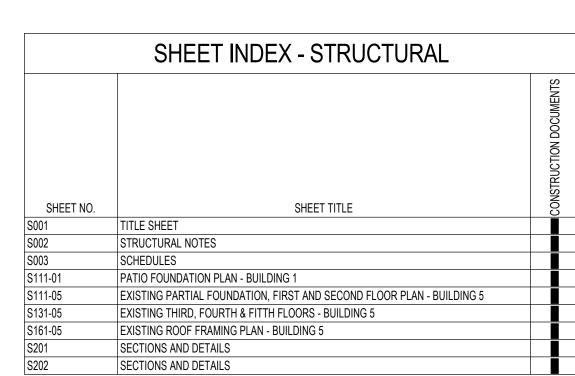
| rawing Title COVER SHEET | CONSTRUCTION DOCUMENTS | Project Title  RENOVATE C  AUDITORIUM          |             | EL AND | Project Number 438-19-301  Building Number 1 & 5 |
|--------------------------|------------------------|--|-------------|--------|--|
| pproved:                 |                        | Location Sioux Falls, SD Issue Date 05/15/2020 | Checked<br> | Drawn  | Drawing Number GI000                             |











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| AW601                  | WAYFINDING MESSAGE SCHEDULES & SIGNAGE DETAILS |                        |  |  |

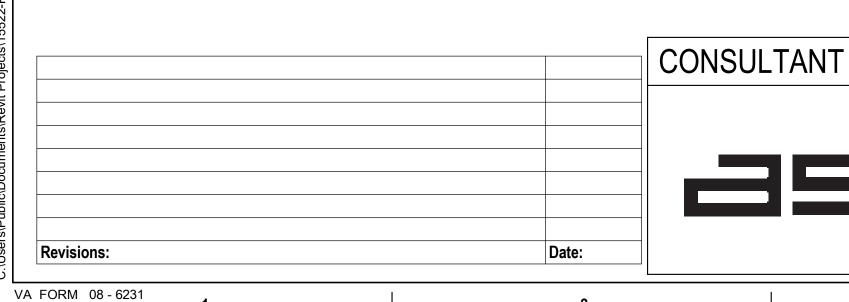
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| MD131-05  | THIRD FLOOR MECHANICAL DEMOLITION PLAN - BUILDING 5     |                        |
| MD141-05  | FOURTH FLOOR MECHANICAL DEMOLITION PLAN - BUILDING 5    |                        |
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| MH131-05  | THIRD FLOOR HVAC PLAN - BUILDING 5                      |                        |
| MH141-05  | FOURTH FLOOR HVAC PLAN - BUILDING 5                     |                        |
| MH151-05  | FIFTH FLOOR HVAC PLAN - BUILDING 5                      |                        |
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| ED131-05  | THIRD FLOOR ELECTRICAL DEMOLITION PLAN - BUILDING 5      |  |
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| ED151-05  | FIFTH FLOOR ELECTRICAL DEMOLITION PLAN - BUILDING 5      |  |
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| EP141-05  | FOURTH FLOOR POWER & SPECIAL SYSTEMS PLAN - BLDG. 5      |  |
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| E601      | ELECTRICAL DIAGRAMS                                      |  |
| E701      | ELECTRICAL SCHEDULES                                     |  |
| E702      | ELECTRICAL SCHEDULES                                     |  |



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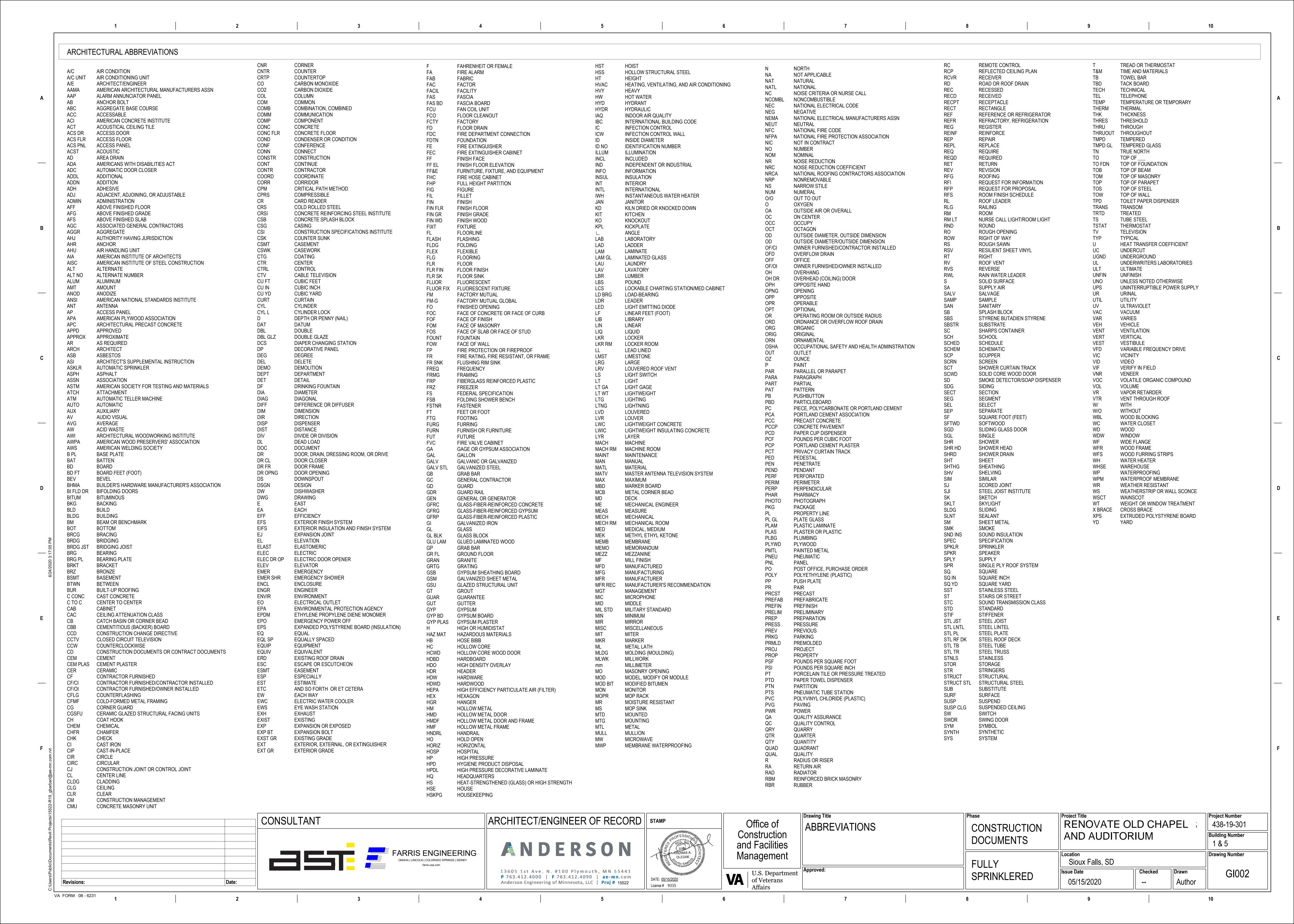




SHEET INDEX VA U.S. Department of Veterans Affairs

Drawing Title

Project Title Project Number RENOVATE FOR PROSTHETICS 438-19-301 CONSTRUCTION **|| & NEW AUDITORIUM Building Number** DOCUMENTS 1 & 5 Drawing Number Sioux Falls, SD **FULLY** Checked Drawn GI001 SPRINKLERED 05/15/2020 GJB



#### RCP GENERAL NOTES

GENERAL CONTRACTOR TO COORDINATE ALL CEILING MOUNTED EQUIPMENT SUPPORT REQUIREMENTS, LOCATIONS, DIMENSIONS, ETC WITH EQUIPMENT SUPPLIER AND OWNER, PRIOR TO INSTALLATION.

- ALL CEILING MOUNTED ITEMS SUCH AS LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS, EXIT LIGHTS, ETC SHALL BE LOCATED IN THE CENTER OF ACT PANELS. GYP BD SOFFITS AND/OR PLASTER SOFFIT BAYS, UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
- FINISHED GYP BD SOFFITS SHALL EXTEND 1" BEYOND FACE AND EXPOSED ENDS OF WALL CABINETS, FULL-HEIGHT CABINETS, ETC UNLESS NOTED OTHERWISE. COORDINATE CABINET DIMENSIONS WITH SUPPLIER. GYP BD FASCIA/SOFFIT DETAILS ARE REFERENCED FROM THE REFLECTED CEILING PLAN.
- SEE MECHANICAL DRAWINGS FOR SPRINKLER HEAD TYPES AND LOCATIONS. CENTER ALL HEADS IN ACT UNLESS NOTED OTHERWISE.
- AT REMODELING WORK IN EXISTING ACT SUSPENSION SYSTEM, REMOVE EXISTING PANELS, CUT AS REQUIRED FOR CONSTRUCTION AND RE-INSTALL. REPLACE ALL DAMAGED AND / OR EXTREMELY SOILED PANELS WITH ACT TO MATCH EXISTING.

#### REFLECTED CEILING PLAN SYMBOLS

|   | / SOFFIT                          |                       | 2'-0" x 4'-0" LIGHT<br>FIXTURE    |
|---|-----------------------------------|-----------------------|-----------------------------------|
|   | ACT CEILING<br>SYSTEM             |                       | 2'-0" x 2'-0" LIGHT<br>FIXTURE    |
|   | EXISTING ACT<br>CEILING<br>SYSTEM | <b>—</b>              | PENDANT STRIP<br>LIGHT FIXTURE    |
|   | IV TRACK                          | 0 0 0                 | PENDANT STRIP<br>LIGHT FIXTURE    |
|   | CUBICLE<br>CURTAIN<br>TRACK       | 0                     | RECESSED LIGHT<br>FIXTURE         |
|   | ACCESS<br>PANEL                   | $\Diamond$            | OCCUPANCY<br>SENSOR               |
| X | MECHANICAL<br>SUPPLY GRILL        |                       | MECHANICAL LINEAR<br>SUPPLY GRILL |
|   | MECHANICAL<br>RETURN GRILL        | 9'-0" AFF<br>ACT      | CEILING ELEVATION<br>AND FINISH   |
|   | NOTE: NO                          | OT ALL SYMBOLS MAY BE | USED ON EACH PLAN                 |

#### REFLECTED CEILING KEYED NOTES

- CUBICAL CURTAIN TRACK. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION
- RC2 VENT HOOD. SEE MECHANICAL
- RC3 SPLIT CEILING GRID AT THIS LOCATION

ADDITIONAL INFORMATION

- RC4 PATIENT LIFT OR PATIENT FALL PROTECTION RAIL. SEE STRUCTURAL FOR ADDITIONAL INFORMATION
- PROVIDE 24" X 24" MINIMUM ACCESS PANELS AS NEEDED PER SPECIFICATION SECTION 08 31 13. SEE MECHANICAL, ELECTRICAL AND
- PLUMBING PLANS FOR ADDITIONAL INFORMATION. MODIFY ACT CEILING IN THIS AREA AS REQUIRED FOR MECHANICAL & RC6 ELECTRICAL WORK. SEE MECHANICAL & ELECTRICAL DRAWINGS FOR
- RC7 SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER SYSTEM
- RC8 REPAIR, PATCH & REFINISH DAMAGE TO WOOD TRUSSES AND ASSOC MEMBERS
- REMOVE AND REINSTALL CEILING TILE AS NEEDED FOR SPINKLER SYSTEM INSTALL
- RC10 PENDENT LIGHT FIXTURES SEE ELEC DRAWINGS
- REINSTALL LIGHT FIXTURES, MECH, ELEC AND FIRE PROTECTION ITEMS IN ORIGINAL LOCATION
- DUE TO NEW SOFFIT CONSTRUCTION, RELOCATE AND REINSTALL LIGHT FIXTURES IN LOCATIONS SIMIL AR AS PER DEEL FOTER OF WAR AS A PER DEEL FOTER OF WAR AND WAR AS A PER DEEL FOTER OF WAR AS A PER DEEL FOTER OF WAR AS A
- RELOCATE MECH, ELEC AND FIRE PROTECTION ITEMS AS NEEDED PROVIDE 2'-0" x 4'-0" ACT-3 AT THESE LOCATIONS. CUT AS REQUIRED FOR SOFFIT. ALIGN GROVE (SHOWN DASHED) IN ACT WITH ADJACENT CEILING
- REPAIR, PATCH AND REFINISH DAMAGE TO PLASTER CEILINGS WITH VENEER PLASTER TYPICAL.

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

#### **GENERAL NOTES**

- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY BE NECESSARY IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL AND PLUMBING ALONG WITH OTHER SYSTEMS. THIS INCIDENTAL WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST.
- CONTRACTORS SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- WHEREVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
- GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO
- FIREPROOFING SHALL BE UNPIERCED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING. AT THE SUBCONTRACTORS EXPENSE.
- EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY, VERIFY SIZE WITH
- ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
- ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO
- VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
- PROVIDE LINTELS AND FRAMING FOR GRILLES, LOUVERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR, VERIFY SIZE AND LOCATION.

STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM

- ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
- AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" FRT PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLAN(S) WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS / ASSEMBLIES MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE, TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CAULK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CAULK.

### FLOOR PLAN SYMBOLS

|                 | EXISTING WALL TO<br>REMAIN        | 8'-0"       | DIMENSION LINE,<br>NOMINAL             |
|-----------------|-----------------------------------|-------------|--|
|                 | WALL                              | 8'-0"       | EXTENDED<br>DIMENSION LINE,<br>NOMINAL |
|                 | EXISTING DOOR AND FRAME TO REMAIN | 1A AE211 2B | INTERIOR ELEVATION INDICATOR TAG       |
| 101A            | DOOR                              | 1A<br>AE201 | EXTERIOR ELEVATION INDICATOR TAG       |
| (101B)          | INTERIOR BORROWED<br>LIGHT        | <u>203</u>  | EQUIPMENT TAG                          |
| <del>-</del> B3 | WALL TAG                          | 100         | FLOOR SPOT<br>ELEVATION                |
| OFFICE 101      | ROOM NAME AND<br>NUMBER           | 1A<br>AE501 | DETAIL REFERENCE<br>TAG                |
| FP10            | KEY NOTE                          |             |  |
| 1A<br>AE2O1     | INTERIOR SECTION<br>REFERENCE TAG | 1A<br>AE2O1 | EXTERIOR SECTION<br>REFERENCE TAG      |
| ^               |                                   |             |  |

REVISION CLOUD

## FLOOR PLAN KEYED NOTES

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

REVISION TAG

GRIDLINE

/ PR01  $\setminus$ 

- SEE MECHANICAL / ELECTRICAL FOR ADDITIONAL INFORMATION.
- PROVIDE PARTITION TYPE XP3 INFILL AT REMOVED RADIATOR GRILLS. BLEND PLASTER PATCH PLASTER AT INFILL TO MATCH EXISTING
- FL3 INFILL FLOOR TO MATCH EXISTING HEIGHT. SEE STRUCTURAL
- FL4 PATCH PARTITION AS REQUIRED FROM DEMOLITION
- 4" HIGH CONCRETE CURB AT DUCTWORK AND OPENING IN SLAB. COORDINATE LOCATION AND SIZE WITH MECHANICAL AND STRUCTURAL.
- PROVIDE 5/8" GYP BD ON EXISTING WALL FROM FLOOR TO 6" ABOVE
- 4" HIGH CONCRETE PAD FOR EQUIPMENT. COORDINATE SIZE AND (FL7) LOCATION WITH MEP AND STRUCTURAL
- FL8 INSTALL SALVAGED DOOR, FRAME AND ALL ASSOCIATED HARDWARE
- INSTALL SALVAGED TALL CABINET, COUNTERTOP AND/OR BASE CABINET. MODIFY AS REQUIRED. PROVIDE FINISHED END PANEL AND/OR FILLER STRIP AS REQUIRED.
- FL10 REINSTALL SALVAGED SIGN(S)
- REINSTALL SALVAGED CEILING REMOVED FOR INSTALLATION OF MEP ITEMS. SEE MEP PLANS FOR ADDITIONAL INFORMATION
- FOR DUCTWORK PENETRATION THRU WALL SEE MECHANICAL FOR ADDITIONAL INFORMATION
- ALIGN CENTERLINE OF FAUX PILASTER WITH CENTERLINE OF EXISTING ROOF TRUSS ABOVE
- PATCH FLOORING TO MATCH EXISTING CORRIDOR FLOORING AS NECESSARY, CONTRACTOR TO PROVIDE LABOR AND MATERIALS.
- COORDINATE WITH OWNER FOR EXISTING FLOOR FINISH. FL15 PATCH CONCRETE FLOOR AT REMOVED PARTITION

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

### DEMOLITION PLAN KEYED NOTES

- REMOVE FLOOR FINISH IN ITS ENTIRETY. PATCH & PREP FLOOR FOR SCHEDULED FINISH. SEE SPECIFICATION SECTION 09 05 16 SUBSURFACE PREPARATION FOR FLOOR FINISHES
- REMOVE CEILING IN ITS ENTIRETY. INCLUDING ALL MECHANICAL & ELECTRICAL ITEMS. SEE MECHANICAL / ELECTRICAL.
- REMOVE GYP BD ON ONE SIDE OF PARTITION AS REQUIRED. SEE PLANS AND MECHANICAL / ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- REMOVE WOOD SILL AND TRIM AT WINDOW.
- CUT OPENING IN PARTITION AS REQUIRED FOR INSTALLATION OF DOOR AND FRAME AND/ OR BORROWED LIGHT AS SCHEDULED. SEE PLAN
- REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. -SEE MEP
- DRAWINGS FOR ADDITIONAL INFORMATION
- COUNTERTOP REMOVE ELEVATOR CAB, DOORS, RAILS AND ALL ASSOCIATED HARDWARE.
- SEE MEP PLANS FOR ADDITIONAL INFORMATION. REMOVE PORTION OF SOFFIT ABOVE AS REQUIRED. SEE PLANS FOR

REMOVE BASE CABINETS, UPPER CABINETS, TALL CABINETS AND/ OR

- ADDITIONAL INFORMATION REMOVE PORTION OF CEILING AS REQUIRED. SEE PLANS FOR ADDITIONAL
- DE10 REMOVE PORTI SAW CUT CONCRETE FLOOR AS REQUIRED. SEE FLOOR PLANS FOR
- ADDITIONAL WORK REMOVE BASE CABINETS, UPPER CABINETS, TALL CABINETS AND/ OR DE12 COUNTERTOP. SALVAGE FOR REINSTALLATION. SEE PLAN FOR ADDITIONAL
- REMOVE BUILT UP ROOFING SYSTEM IN ITS ENTIRETY TO TOP OF ROOF
- DECK. PREP SURFACE FOR REROOFING REMOVE METAL FLASHING, WOOD BLOCKING AND ALL ASSOCIATED HARDWARE AT PARAPET, METAL SUPPERS AND MECHANICAL EQUIPMENT AS REQUIRED, -SEE MECHANICAL AND ELECTRICAL FOR ADDITIONAL
- REMOVE CONCRETE EQUIPMENT PAD AND/OR CURB. SEE MECHANICAL FOR ADDITIONAL INFORMATION
- REMOVE ALUMINUM WINDOW SYSTEM AND ALL ASSOCIATED HARDWARE
- REMOVE PORTION OF CONCRETE BLOCK WALL, HOLLOW METAL DOOR
- FRAMES AND WOOD DOORS. SEE PLANS FOR ADDITIONAL INFORMATION. REMOVE METAL COUNTER WEIGHT SYSTEM AND ALL ASSOCIATED
- REMOVE CONCRETE AND METAL PAN STAIRS, RAILING, STRINGERS AND ALL ASSOCIATED HARDWARE.
- SAW CUT CONCRETE CURB AT BASE OF PARTITION. GRIND FLOOR LEVEL AND PREP FOR FINISHES AS SCHEDULED
- (DE21) REMOVE METAL STAIRS, RAILING, STRINGERS AND ALL ASSOCIATED HARDWARE
- REMOVE ELEVATOR HOIST EQUIPMENT AND SWITCH GEAR. SEE MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION
- REMOVE CONCRETE FLOOR STRUCTURE AND CMU WALLS TO FLOOR BELOW. SEE PLAN FOR ADDITIONAL WORK IN THIS AREA.
- REMOVE DOOR, FRAME AND ALL ASSOCIATED HARDWARE. SALVAGE FOR DE24 REINSTALLATION. SEE PLAN

REMOVE PLYWOOD AND ALL ASSOCIATED INFILL MATERIAL BEHIND

- PLYWOOD AT OPENING IN WALL. PREP OPINING FOR WINDOW. SEE PLAN FOR ADDITIONAL INFORMATION. DE26 REMOVE ENTIRELY CONCRETE RAMP-SEE CIVIL DRAWINGS
- REMOVED RADIATOR. PATCH WALL TO MATCH. SEE MECHANICAL FOR
- ADDITIONAL INFORMATION REMOVE FRITTED / PRIVACY INSULATED GLASS INSERT, WINDOW FRAME
- TO REMAIN. SEE PLANS FOR ADDITIONAL INFORMATION. REMOVE ROOF MOUNTED HVAC MECHANICAL AND / OR ROOF DRAIN. SEE
- MECHANICAL, PLUMBING AND ELECTRICAL FOR ADDITIONAL INFORMATION REMOVE WALL AND FLOOR EXPANSION JOINT COVERS AND ALL ASSOCIATED HARDWARE
- REMOVE SIGN. SALVAGE FOR REINSTALLATION. SEE PLAN FOR ADDITIONAL (DE31) INFORMATION
- REMOVE CEILING IN THIS AREA AS REQUIRED FOR MEP WORK. SALVAGE
- CEILING WHERE APPROPRIATE FOR REINSTALLATION. SEE PLANS FOR ADDITIONAL WORK REMOVE METAL LADDER WITH CAGE AND METAL PLATFORM WITH STEEL SUPPORT SYSTEM ABOVE, APPROXIMATELY 19'-0". SALVAGE AND RETURN
- DE34) REMOVE DOORS. FRAME TO REMAIN
- REMOVE AND MODIFY TOP PORTION OF WALL FOR NEW MECH PENETRATION. PATCH AS NEEDED.
- DE36 REMOVE WDWS AS REQUIRED FOR MECH WORK.
- DE37 REMOVE INFILL @ EXISTING DOOR OPENING. RESTORE TO ORIGINAL.
- REMOVE ENTIRELY CURTAINWALL & BRICK/MASONRY SILL WALL. SEE PLAN FOR ADDITIONAL INFORMATION

REMOVE CONC STAIRS AS NEEDED TO INSTALL NEW PATIO. SEE CIVIL

- DRAWINGS FOR ADDITIONAL DEMO.
- REMOVE HOLLOW METAL FRAME(S). SEE PLAN FOR ADDITIONAL INFORMATION

(DE41) REMOVE MASONRY WALL AS REQUIRED FOR DOOR AS SCHEDULED.

- REMOVE TEXTURED GLASS WINDOW PANES FOR NEW WINDOW PANE install. Salvage window grille for reinstall see elevations for
- REMOVE LOUVER & PANEL INFILLS AT WINDOW OPENINGS. SEE ELEVATIONS FOR EXTENT.
- DE44 REMOVE ENTIRELY PAINT ON STONE TRIM AROUND WINDOW/DOOR OPENING.
- REMOVE CRACKED AND FLAKED PAINT AND CLEAN & PREP ELEMENTS OF FIREPLACE AS NEEDED TO RESTORE TO ORIGINAL. SEE ELEVATION &
- ENLARGED PLAN FOR NOTES FOR ADDITIONAL PREP WORK. SAWCUT OPENINGS IN CONC FLOOR PLANK AS REQUIRED FOR MECH DUCT PENETRATIONS. SEE MECH DRAWINGS FOR ADD NOTES & EXTENT.
- REMOVE MAS BLOCK AND PLASTER FINISH AT ORIGINAL OPENING TO PULPIT. PATCH & PREP WALL & FLOOR TO MATCH ADJACENT FINISHES. CLEAN & PREP ALL INTERIOR SURFACES OF WDW FRAMES TO RECEIVE TO

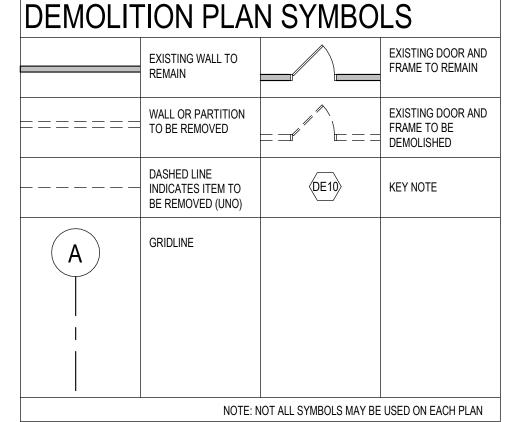
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

## DEMOLITION GENERAL NOTES

- GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER PLANNING PURPOSES ONLY, UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL
- TRADES FOR THE DEMOLITION WORK REQUIRED FOR THIS PROJECT. WHERE PARTITIONS ARE INDICATED TO BE REMOVED, REMOVE PARTITION ALONG
- WITH ALL ITEMS CONTAINED WITHIN, INCLUDING DOORS, FRAMES, HARDWARE, SIDELIGHTS, WINDOWS, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
- WHERE FLOOR FINISH IS INDICATED TO BE DEMOLISHED, REMOVE FINISH TO FLOOR SLAB AS REQUIRED AND PREPARE SLAB SURFACE FOR SCHEDULED FINISHES WITHIN AREA TO BE REMODELED, UNLESS NOTED OTHERWISE. SEE FINISH SCHEDULE FOR EXISTING FLOOR FINISHES TO REMAIN UNDISTURBED.
- WHERE CEILING IS INDICATED TO BE DEMOLISHED, REMOVE CEILING SUSPENSION SYSTEM ALONG WITH ALL ASSOCIATED MECHANICAL AND ELECTRICAL ITEMS, UNLESS NOTED OTHERWISE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF
- CONDUIT. PIPING AND DUCTWORK DEMOLITION WITHIN AREA TO BE REMODELED. WHERE INDICATED, REMOVE ALL WALL/PARTITION EXISTING FINISHES AND PREPARE THE SURFACES FOR SCHEDULED FINISHES, SEE FINISH SCHEDULE FOR FINISHES.
- ALL DISTURBED AREAS, WALLS, PARTITIONS, FLOORS, ETC, DAMAGED BY DEMOLITION WORK SHALL BE PATCHED TO MATCH ADJACENT AREA.
- OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL SALVAGED ITEMS SUCH AS: DOORS, LIGHT FIXTURES, PLUMBING FIXTURES ETC.
- SALVAGED ITEMS SCHEDULED FOR REUSE SHALL BE CLEANED, RESTORED AND/OR REFINISHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
- DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD-BEARING PARTITIONS ETC, UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED, COORDINATE WITH STRUCTURAL
- SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED
- DEMOLITION AND PREP WORK. WALL AND CEILING MOUNTED ITEMS SHOWN DASHED, SUCH AS WALL CABINETS, SHELVING, CUBICLE CURTAIN TRACKS, PROJECTION SCREENS ETC, SHALL BE
- REMOVED, UNLESS NOTED OTHERWISE. WITHIN ALL EXISTING ROOMS/SPACES RECEIVING SCHEDULED FLOOR, OR WALL, OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL, OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED

ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL AND

ELECTRICAL.



CONSULTANT

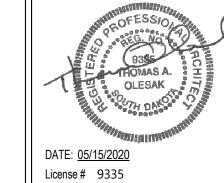
FARRIS ENGINEERING

OMAHA | LINCOLN | COLORADO SPRINGS | SIDNEY

ANDERSON

ARCHITECT/ENGINEER OF RECORD | STAMP

Anderson Engineering of Minnesota, LLC | Proj # 15522



Office of

Construction and Facilities Management

of Veterans

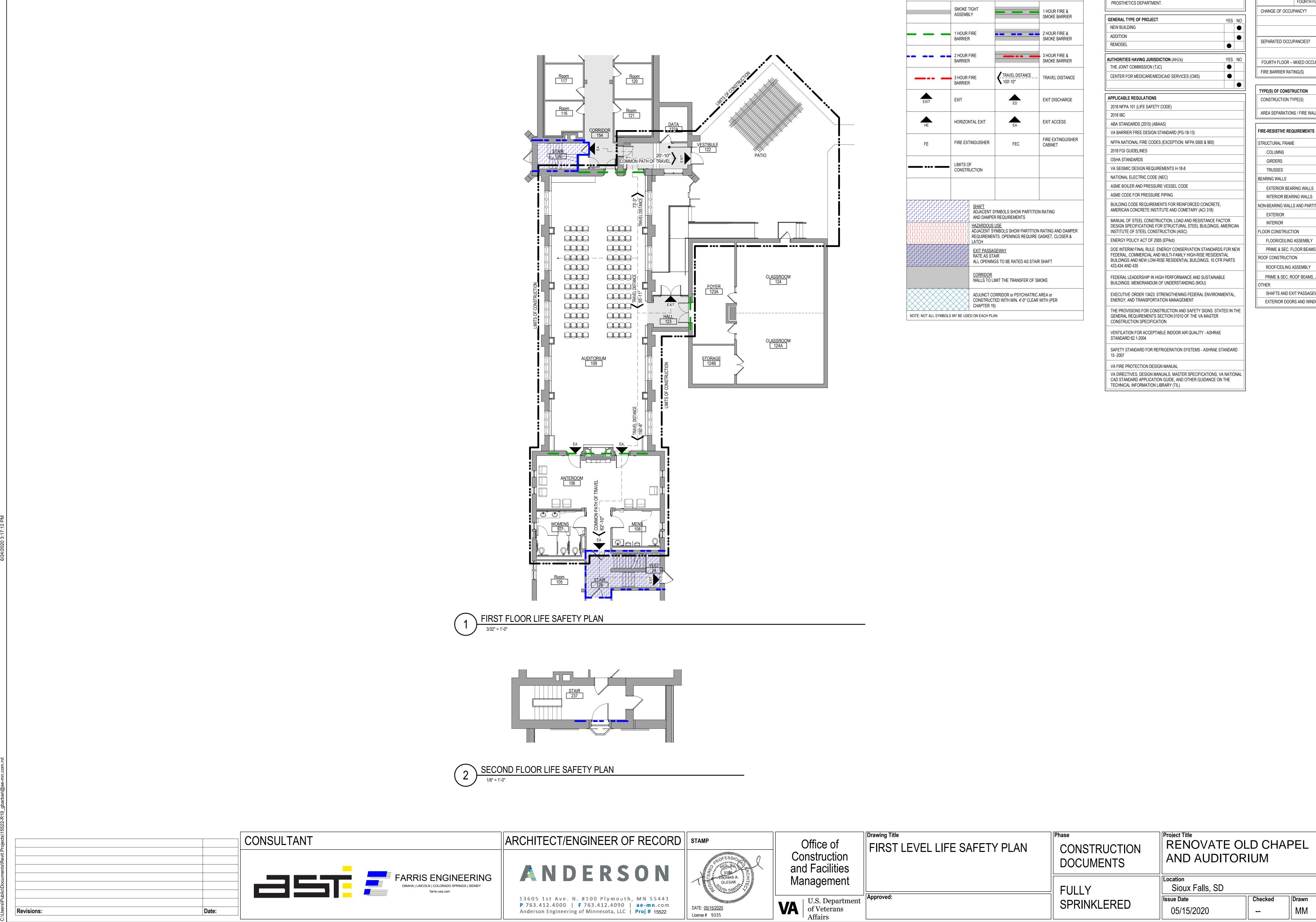
| U.S. Department

Project Title Project Number Drawing Title RENOVATE FOR PROSTHETICS 438-19-301 **GENERAL NOTES AND SYMBOLS** CONSTRUCTION **Building Number** & NEW AUDITORIUM **DOCUMENTS** 1 & 5 Drawing Number Sioux Falls, SD **FULLY** Checked Drawn GI003 SPRINKLERED 05/15/2020 Author

Revisions:

VA FORM 08 - 6231

13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 | F 763.412.4090 | ae-mn.com



VA FORM 08 - 6231

AUDITORIUM FOURTH FLOOR SEPARATED OCCUPANCIES? 2018 LSC (6.1.14.4) AUDITORIUM FOURTH FLOOR -- MIXED OCCUPANCIES (2018 LSC 6.1.14.3) (Section 8.3) SEE LIFE SAFETY PLANS TYPE(S) OF CONSTRUCTION (LSC Chapter 18) LSC II(222) CONSTRUCTION TYPE(S) (IBC Chapter 6) IBC II-B AREA SEPARATIONS / FIRE WALLS SEE LIFE SAFETY PLANS FIRE-RESISTIVE REQUIREMENTS RATING (HRS) TEST STRUCTURAL FRAME 2 HR ASTM E119 2 HR ASTM E119 2 HR ASTM E119 BEARING WALLS 2 HR ASTM E119 EXTERIOR BEARING WALLS 2 HR ASTM E119 INTERIOR BEARING WALLS NON-BEARING WALLS AND PARTITIONS 0 HR NA INTERIOR See Life Safety Plans FLOOR CONSTRUCTION FLOOR/CEILING ASSEMBLY 2 HR ASTM E119 PRIME & SEC. FLOOR BEAMS, JOISTS 1 HR ASTM E119 ROOF CONSTRUCTION ROOF/CEILING ASSEMBLY 2 HR ASTM E119 PRIME & SEC. ROOF BEAMS, JOISTS 2 HR ASTM E119 SHAFTS AND EXIT PASSAGEWAYS 2 HR ASTM E119 EXTERIOR DOORS AND WINDOWS 0 HR

OCCUPANCY CLASSIFICATION(S)

OCCUPANCIES (LSC CH 12-42)

AUDITORIUM

FOURTH FLOOR

BUSINESS YES NO

Project Number

Building Number

Drawing Number

GI010

1 & 5

Drawn

MM

438-19-301

CODE SUMMARY

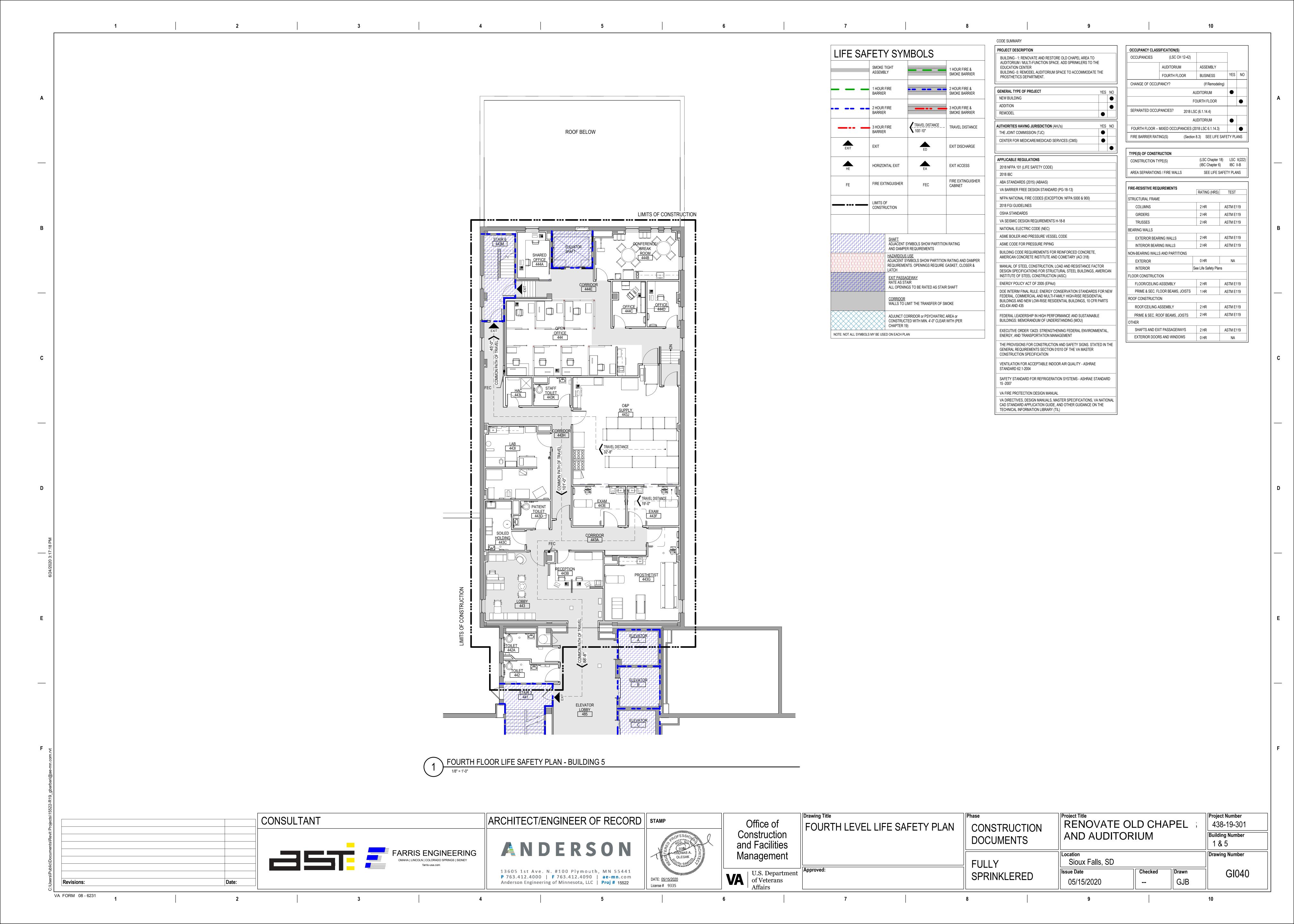
LIFE SAFETY SYMBOLS

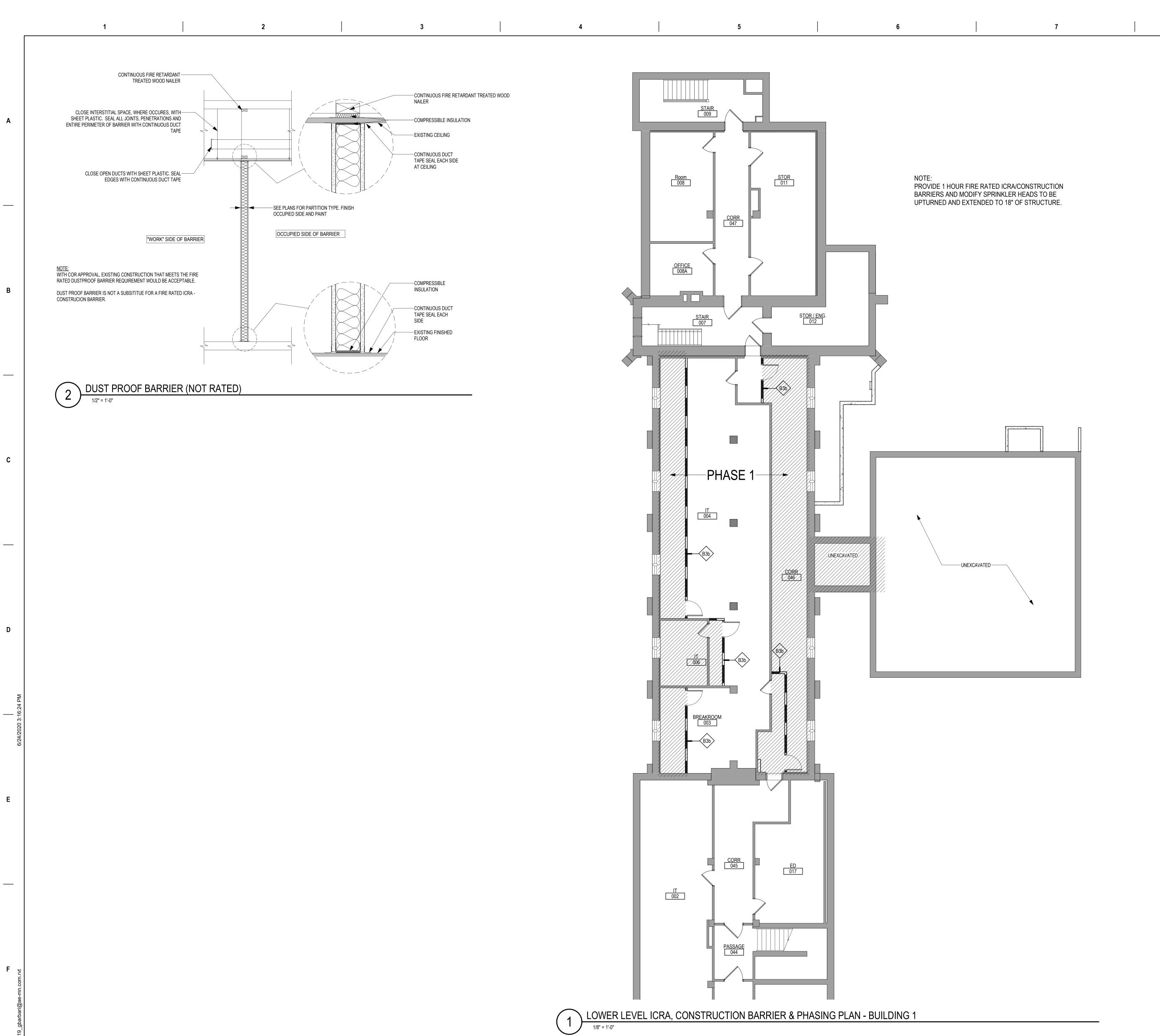
PROJECT DESCRIPTION

EDUCATION CENTER

BUILDING - 1: RENOVATE AND RESTORE OLD CHAPEL AREA TO AUDITORIUM / MULTI-FUNCTION SPACE. ADD SPRINKLERS TO THE

BUILDING -5: REMODEL AUDITORIUM SPACE TO ACCOMMODATE THE





ANDERSON

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FARRIS ENGINEERING

OMAHA | LINCOLN | COLORADO SPRINGS | SIDNEY

CONSULTANT

Revisions:

VA FORM 08 - 6231

### INFECTION CONTROL & CONSTRUCTION BARRIER **GENERAL NOTES**

- SEE SPEC SECTION 01 35 26 SAFETY REQUIREMENTS FOR ADDITIONAL INFORMATION
- THE INTENT OF INFECTION CONTROL ISOLATION IS TO CONTAIN DUST AND PARTICULATE MATTER TO THE CONSTRUCTION AREA. CONSTRUCTION AREA PERIMETER NEEDS TO BE SEALED COMPLETELY WITH SHEET PLASTIC AS SPECIFIED AND DUCT TAPE DURING OPERATIONS, WHERE PERMITTED BY CLASS. ICRA -CONSTRUCTION BARRIER TO BE PROVIDED AS SPECIFIED AND LISTED IN ICRA
- PROVIDE NEGATIVE PRESSURE MONITORS DURING CONSTRUCTION OPERATIONS AS SPECIFIED. MONITOR TO MEASURE PRESSURE DIFFERENTIAL BETWEEN CONSTRUCTION AREA AND ADJACENT CORRIDOR OR ROOM AS DIRECTED BY VA.
- AS CONSTRUCTION PROGRESSES, FROM TYPE D TO TYPE C AND THEREON, PROVIDE A REQUEST VIA "INFECTION CONTROL CONSTRUCTION PERMIT" TO THE VA INFECTION CONTROL NURSE. UPON AUTHORIZATION, PROCEED TO NEXT TYPE OF CONSTRUCTION. PROVIDE AT LEAST TEN (10) WORKING DAYS NOTICE FOR EACH
- CONSTRUCT IC (INFECTION CONTROL) CONSTRUCTION BARRIER(S) FROM FLOOR TO DECK/FLOOR ABOVE. EXCEPTION. IF BARRIER IS ADJACENT TO SMOKE, FIRE, OR EXISTING WALL CONSTRUCTION WHICH WILL NOT BE DEMOLISHED AND TERMINATES TO FLOOR/DECK ABOVE, THEN CONSTRUCT DUST PROOF IC BARRIER, SEE DETAIL(S). TAPE, MUD, SAND JOINTS AND PAINT ON NON-CONSTRUCTION SIDE OF
- CONTROL BARRIERS ARE TO BE INSTALLED AND REMOVED ONLY BEFORE 7:00 A.M. AND AFTER 8:00 P.M.
- DURING CONSTRUCTION OPERATIONS IN EACH ENCLOSED AREA PROVIDE NEGATIVE PRESSURE MONITORS, MINIMUM (1) ONE IN AREAS LESS THAN 1000 SF, (2) TWO MINIMUM IN AREAS BETWEEN 1000 SF AND 5000 SF, AND (3) THREE FOR AREAS BETWEEN 5000 SF AND 10000 SF.
- LIFE SAFETY EGRESS IS TO BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL PROVIDE ENOUGH NEGATIVE AIR MACHINES TO COMPLETELY EXCHANGE THE REGULATED AREA AIR VOLUME (4) FOUR ACTUAL TIMES PER HOUR. THE COMPETENT PERSON SHALL DETERMINE THE NUMBER OF UNITS NEEDED FOR EACH REGULATED AREA BY DIVIDING THE CUBIC FEET IN THE REGULATED AREA BY (15) FIFTEEN AND THEN DIVIDING THAT RESULT BY THE ACTUAL CUBIC FEET PER MINUTE (CFM) FOR EACH UNIT TO DETERMINE THE NUMBER OF UNITS NEEDED TO EFFECT (4) FOUR AIR CHANGES PER HOUR. PROVIDE A STANDBY UNIT IN THE EVENT OF MACHINE FAILURE AND/OR EMERGENCY IN AN ADJACENT AREA.
- PRIOR TO ANY REMOVAL OF SMOKE BARRIER FIRE RATED PARTITIONS, CONSTRUCT NEW SMOKE BARRIER/APPROPRIATE FIRE RATED PARTITIONS PER PLANS OR CONSTRUCT INFECTION CONTROL BARRIER TO ACT AS SMOKE BARRIER.

### CONSTRUCTION PHASING **GENERAL NOTES**

THE WORK UNDER THIS CONTRACT SHALL BE DIVIDED INTO PHASES. A PHASE CAN INVOLVE MULTIPLE LOCATION AREAS. SEE SPECIFICATIONS SECTION 01 00 00 1.6.G

VALIDATING AND ELABORATING ON THIS PHASING DESCRIPTION.

- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING AND SEQUENCING WITH ALL TRADES AND THE OWNER. THE GENERAL CONTRACTOR SHALL PROVIDE A WRITTEN NARRATIVE TO OUTLINE CONSTRUCTION PHASING AND SEQUENCE PLANS,
- THE GENERAL CONTRACTOR SHALL COOPERATE FULLY WITH THE OWNER SO WORK MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT, OR OTHER CONTRACTS ON THE PROJECT SITE OR
- WORK BY OWNER. THE GENERAL CONTRACTOR'S CONSTRUCTION SCHEDULE SHALL INDICATE THE SEQUENCE, COMMENCEMENT AND COMPLETION DATES, OWNER INSPECTION AND APPROVAL DATES AND MOVE-OUT AND MOVE-IN DATES OF OWNER'S PERSONNEL
- FOR ALL PHASES OF THE WORK. THE GENERAL CONTRACTOR SHALL PERFORM THE WORK IN EACH PHASE IN THE SEQUENCE SHOWN ON THE PHASING PLAN DRAWING(S) AND CONSTRUCTION
- PHASING DESCRIPTION. THE GENERAL CONTRACTOR MUST COMPLETE ALL WORK IN EACH PHASE WITH THE VA INSPECTING AND ACCEPTING THE WORK PRIOR TO VA OCCUPANCY AND THE CONTRACTOR PROCEEDING TO THE NEXT SCHEDULED PHASE. UPON COMPLETION

OF A PARTICULAR PHASE, THE ENTIRE AREA COVERED BY THAT PHASE CAN BE OCCUPIED BY THE VA PERSONNEL WITH ALL SYSTEMS FUNCTIONING PROPERLY.

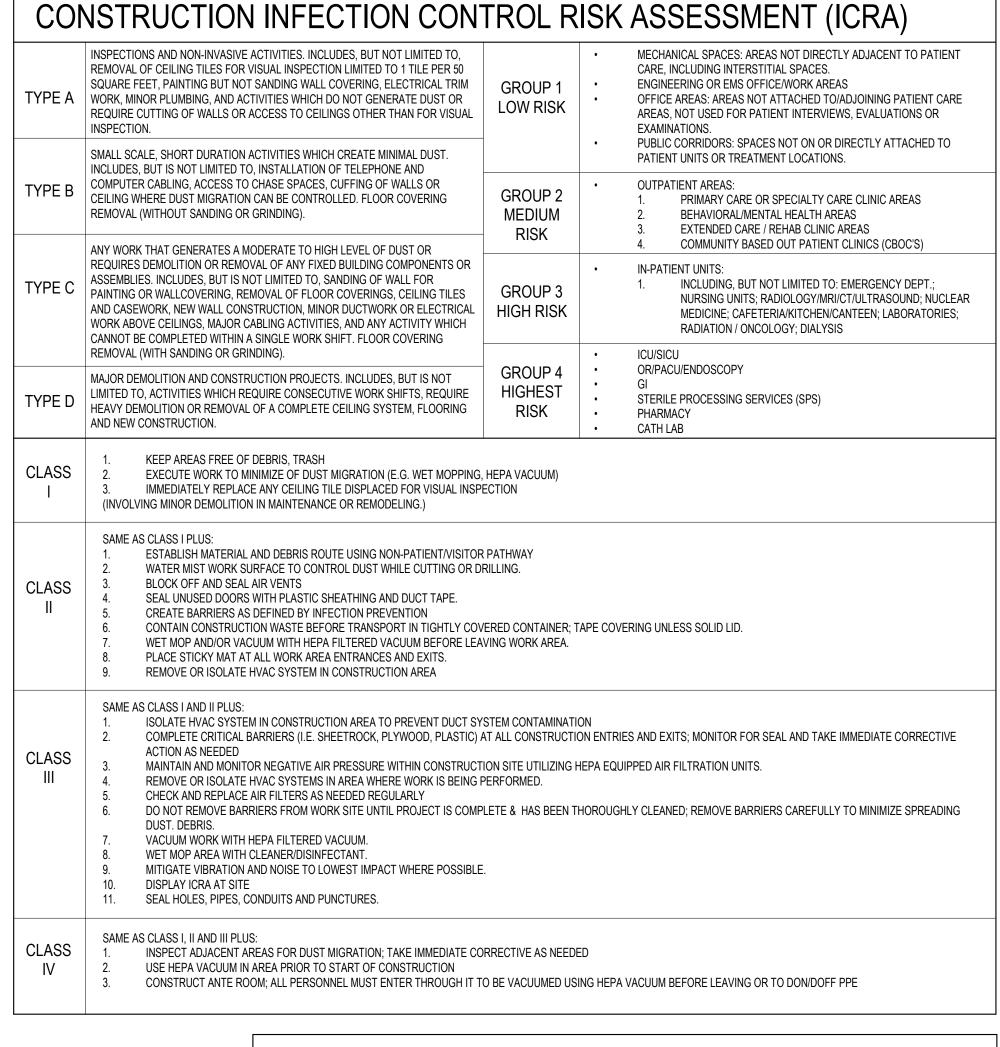
BEFORE COMMENCING WORK ON EACH SUCCESSIVE PHASE, THE GENERAL CONTRACTOR SHALL SUBMIT AN UPDATED COPY OF THE SCHEDULE.

SUBSEQUENT PHASE WHERE REQUIRED.

EGRESS THROUGHOUT ALL PHASING.

AND WILL NOTIFY THE CONTRACTOR IF THIS OCCURS.

- ANY DUST PARTITIONS CONSTRUCTED BY THE CONTRACTOR PRIOR TO THE START OF DEMOLITION MUST REMAIN IN PLACE UNTIL THE COMPLETION OF THAT PHASE OR
- THE CONTRACTOR SHALL PERFORM ALL WORK ADJACENT TO VA OCCUPIED AREAS IN SUCH A MANNER TO ENSURE THE CONTINUOUS AND UNINTERRUPTED USE OF ALL OCCUPIED AREAS, INCLUDING THE APPLICABLE MECHANICAL AND ELECTRICAL SYSTEMS SERVING THESE AREAS.
- FOR ADDITIONAL NOTES AND INFORMATION REFER TO INFECTION CONTROL
- DRAWING(S) AND DEMOLITION PLANS. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THE DOCUMENTS IS FOR
- ARCHITECT-OWNER PLANNING PURPOSES ONLY. THE CONTRACTOR DURING CONSTRUCTION SHALL MAINTAIN REQUIRED MEANS OF
- THE CONTRACTOR SHALL PLAN FOR A MINIMUM OF 4 WEEKS' TIME BETWEEN PHASES TO ALLOW THE VA TO OCCUPY THE NEWLY ACCEPTED SPACE AND VACATE THE FOLLOW-ON PHASES. THE VA WILL ACCELERATE THIS TIME WHEN POSSIBLE

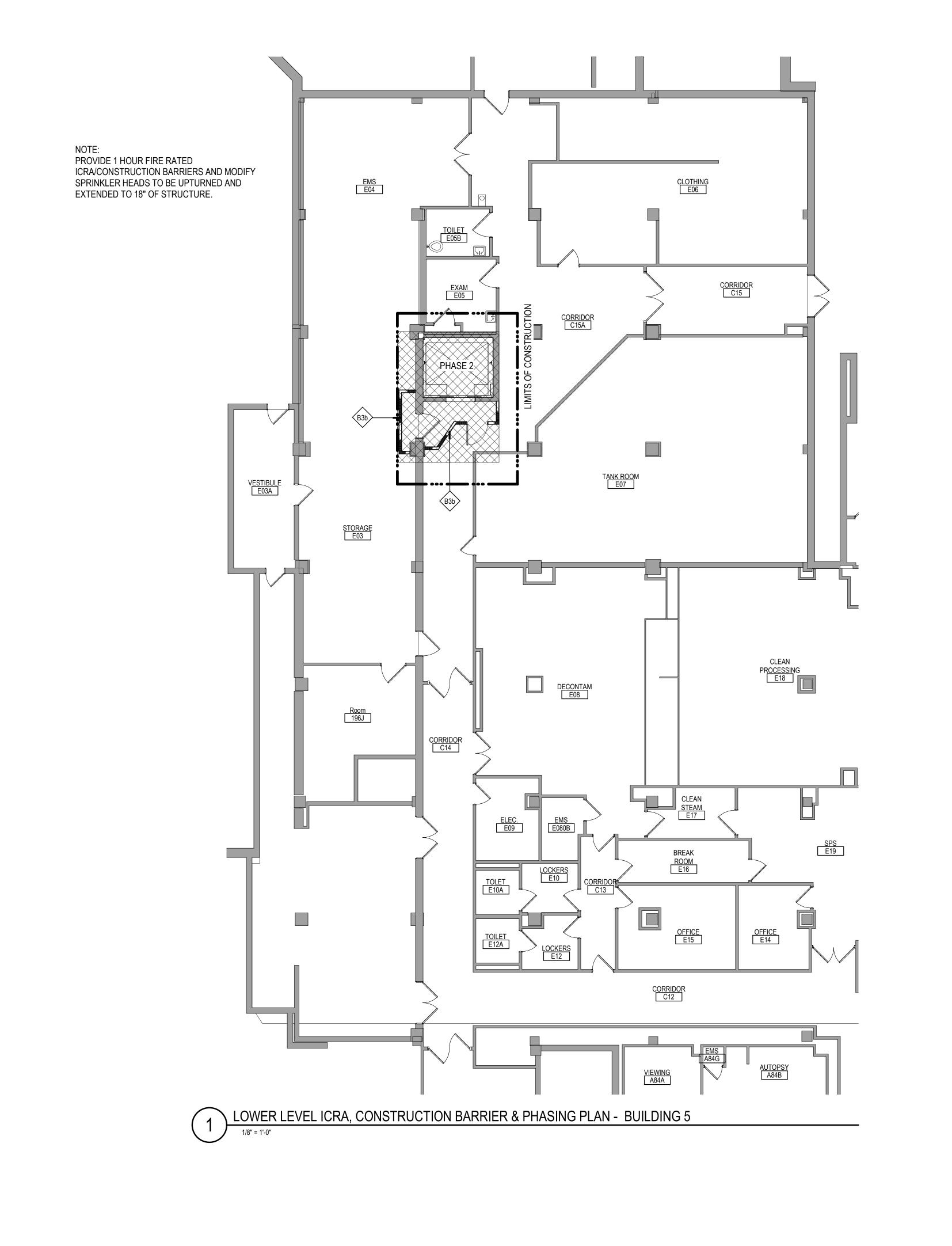


### INFECTION CONTROL RISK ASSESSMENT (ICRA) BY PROJECT AREA USE AND PHASE

CONSTRUCTION PROJECT ACTIVITY TYPE - C INFECTION CONTROL RISK GROUP - GROUP 2 : MEDIUM RISK CONTROL PROCEDURE CLASS - III

CONSTRUCTION PROJECT ACTIVITY TYPE - C INFECTION CONTROL RISK GROUP - GROUP 3: HIGH RISK CONTROL PROCEDURE CLASS - III

Project Title
RENOVATE OLD CHAPEL Drawing Title Project Number ARCHITECT/ENGINEER OF RECORD | STAMP Office of 438-19-301 LOWER LEVEL ICRA, CONSTRUCTION Construction AND AUDITORIUM **Building Number** CONSTRUCTION BARRIER & DOCUMENTS 1 & 5 and Facilities PHASING PLAN - BUILDING 1 Drawing Number Management Sioux Falls, SD **FULLY** Checked Drawn VA U.S. Department of Veterans Affairs GC101-01 SPRINKLERED DATE: <u>05/15/2020</u> 05/15/2020 Author License # 9335



# INFECTION CONTROL & CONSTRUCTION BARRIER GENERAL NOTES

- SEE SPEC SECTION 01 35 26 SAFETY REQUIREMENTS FOR ADDITIONAL INFORMATION

   THE INTENT OF INFECTION CONTROL ISOLATION IS TO CONTAIN DUST AND PARTICULATE MATTER TO THE CONSTRUCTION AREA. CONSTRUCTION AREA PERIMETER NEEDS TO BE SEALED COMPLETELY WITH SHEET PLASTIC AS SPECIFIED AND DUCT TAPE DURING OPERATIONS, WHERE PERMITTED BY CLASS. ICRA CONSTRUCTION BARRIER TO BE PROVIDED AS SPECIFIED AND LISTED IN ICRA
- CLASS.

  3. PROVIDE NEGATIVE PRESSURE MONITORS DURING CONSTRUCTION OPERATIONS AS SPECIFIED. MONITOR TO MEASURE PRESSURE DIFFERENTIAL BETWEEN

CONSTRUCTION AREA AND ADJACENT CORRIDOR OR ROOM AS DIRECTED BY VA.

- 4. AS CONSTRUCTION PROGRESSES, FROM TYPE D TO TYPE C AND THEREON,
  PROVIDE A REQUEST VIA "INFECTION CONTROL CONSTRUCTION PERMIT" TO THE VA
  INFECTION CONTROL NURSE. UPON AUTHORIZATION, PROCEED TO NEXT TYPE OF
  CONSTRUCTION. PROVIDE AT LEAST TEN (10) WORKING DAYS NOTICE FOR EACH
  PERMIT.
- 5. CONSTRUCT IC (INFECTION CONTROL) CONSTRUCTION BARRIER(S) FROM FLOOR TO DECK/FLOOR ABOVE. EXCEPTION. IF BARRIER IS ADJACENT TO SMOKE, FIRE, OR EXISTING WALL CONSTRUCTION WHICH WILL NOT BE DEMOLISHED AND TERMINATES TO FLOOR/DECK ABOVE, THEN CONSTRUCT DUST PROOF IC BARRIER, SEE DETAIL(S). TAPE, MUD, SAND JOINTS AND PAINT ON NON-CONSTRUCTION SIDE OF
- 6. CONTROL BARRIERS ARE TO BE INSTALLED AND REMOVED ONLY BEFORE 7:00 A.M. AND AFTER 8:00 P.M.
- 7. DURING CONSTRUCTION OPERATIONS IN EACH ENCLOSED AREA PROVIDE NEGATIVE PRESSURE MONITORS, MINIMUM (1) ONE IN AREAS LESS THAN 1000 SF, (2) TWO MINIMUM IN AREAS BETWEEN 1000 SF AND 5000 SF, AND (3) THREE FOR AREAS BETWEEN 5000 SF AND 10000 SF.
- 8. LIFE SAFETY EGRESS IS TO BE MAINTAINED AT ALL TIMES.
- 9. THE CONTRACTOR SHALL PROVIDE ENOUGH NEGATIVE AIR MACHINES TO COMPLETELY EXCHANGE THE REGULATED AREA AIR VOLUME (4) FOUR ACTUAL TIMES PER HOUR. THE COMPETENT PERSON SHALL DETERMINE THE NUMBER OF UNITS NEEDED FOR EACH REGULATED AREA BY DIVIDING THE CUBIC FEET IN THE REGULATED AREA BY (15) FIFTEEN AND THEN DIVIDING THAT RESULT BY THE ACTUAL CUBIC FEET PER MINUTE (CFM) FOR EACH UNIT TO DETERMINE THE NUMBER OF UNITS NEEDED TO EFFECT (4) FOUR AIR CHANGES PER HOUR. PROVIDE A STANDBY UNIT IN THE EVENT OF MACHINE FAILURE AND/OR EMERGENCY IN AN ADJACENT AREA.
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## CONSTRUCTION PHASING GENERAL NOTES

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- THE GENERAL CONTRACTOR SHALL COOPERATE FULLY WITH THE OWNER SO WORK MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT, OR OTHER CONTRACTS ON THE PROJECT SITE OR
- THE GENERAL CONTRACTOR'S CONSTRUCTION SCHEDULE SHALL INDICATE THE SEQUENCE, COMMENCEMENT AND COMPLETION DATES, OWNER INSPECTION AND APPROVAL DATES AND MOVE-OUT AND MOVE-IN DATES OF OWNER'S PERSONNEL FOR ALL PHASES OF THE WORK.
- THE GENERAL CONTRACTOR SHALL PERFORM THE WORK IN EACH PHASE IN THE SEQUENCE SHOWN ON THE PHASING PLAN DRAWING(S) AND CONSTRUCTION PHASING DESCRIPTION.
- THE GENERAL CONTRACTOR MUST COMPLETE ALL WORK IN EACH PHASE WITH THE VA INSPECTING AND ACCEPTING THE WORK PRIOR TO VA OCCUPANCY AND THE CONTRACTOR PROCEEDING TO THE NEXT SCHEDULED PHASE. UPON COMPLETION OF A PARTICULAR PHASE, THE ENTIRE AREA COVERED BY THAT PHASE CAN BE
- BEFORE COMMENCING WORK ON EACH SUCCESSIVE PHASE, THE GENERAL CONTRACTOR SHALL SUBMIT AN UPDATED COPY OF THE SCHEDULE.

OCCUPIED BY THE VA PERSONNEL WITH ALL SYSTEMS FUNCTIONING PROPERLY.

- ANY DUST PARTITIONS CONSTRUCTED BY THE CONTRACTOR PRIOR TO THE START OF DEMOLITION MUST REMAIN IN PLACE UNTIL THE COMPLETION OF THAT PHASE OR SUBSEQUENT PHASE WHERE REQUIRED.
- THE CONTRACTOR SHALL PERFORM ALL WORK ADJACENT TO VA OCCUPIED AREAS IN SUCH A MANNER TO ENSURE THE CONTINUOUS AND UNINTERRUPTED USE OF ALL OCCUPIED AREAS, INCLUDING THE APPLICABLE MECHANICAL AND ELECTRICAL SYSTEMS SERVING THESE AREAS.
- FOR ADDITIONAL NOTES AND INFORMATION REFER TO INFECTION CONTROL DRAWING(S) AND DEMOLITION PLANS.
- ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THE DOCUMENTS IS FOR ARCHITECT-OWNER PLANNING PURPOSES ONLY.
- THE CONTRACTOR DURING CONSTRUCTION SHALL MAINTAIN REQUIRED MEANS OF

EGRESS THROUGHOUT ALL PHASING.

THE CONTRACTOR SHALL PLAN FOR A MINIMUM OF 4 WEEKS' TIME BETWEEN PHASES TO ALLOW THE VA TO OCCUPY THE NEWLY ACCEPTED SPACE AND VACATE THE FOLLOW-ON PHASES. THE VA WILL ACCELERATE THIS TIME WHEN POSSIBLE AND WILL NOTIFY THE CONTRACTOR IF THIS OCCURS.

#### CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) INSPECTIONS AND NON-INVASIVE ACTIVITIES. INCLUDES, BUT NOT LIMITED TO, MECHANICAL SPACES: AREAS NOT DIRECTLY ADJACENT TO PATIENT REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 CARE. INCLUDING INTERSTITIAL SPACES. SQUARE FEET, PAINTING BUT NOT SANDING WALL COVERING, ELECTRICAL TRIM | GROUP 1 ENGINEERING OR EMS OFFICE/WORK AREAS TYPE A WORK, MINOR PLUMBING, AND ACTIVITIES WHICH DO NOT GENERATE DUST OR OFFICE AREAS: AREAS NOT ATTACHED TO/ADJOINING PATIENT CARE REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL AREAS, NOT USED FOR PATIENT INTERVIEWS, EVALUATIONS OR PUBLIC CORRIDORS: SPACES NOT ON OR DIRECTLY ATTACHED TO SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST. PATIENT UNITS OR TREATMENT LOCATIONS. INCLUDES, BUT IS NOT LIMITED TO, INSTALLATION OF TELEPHONE AND TYPE B COMPUTER CABLING, ACCESS TO CHASE SPACES, CUFFING OF WALLS OR CEILING WHERE DUST MIGRATION CAN BE CONTROLLED. FLOOR COVERING **OUTPATIENT AREAS:** GROUP 2 PRIMARY CARE OR SPECIALTY CARE CLINIC AREAS REMOVAL (WITHOUT SANDING OR GRINDING). MEDIUM BEHAVIORAL/MENTAL HEALTH AREAS EXTENDED CARE / REHAB CLINIC AREAS COMMUNITY BASED OUT PATIENT CLINICS (CBOC'S) ANY WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENTS OR TYPE C ASSEMBLIES. INCLUDES, BUT IS NOT LIMITED TO, SANDING OF WALL FOR PAINTING OR WALLCOVERING, REMOVAL OF FLOOR COVERINGS, CEILING TILES INCLUDING, BUT NOT LIMITED TO: EMERGENCY DEPT.; NURSING UNITS; RADIOLOGY/MRI/CT/ULTRASOUND; NUCLEAR AND CASEWORK, NEW WALL CONSTRUCTION, MINOR DUCTWORK OR ELECTRICAL HIGH RISK MEDICINE; CAFETERIA/KITCHEN/CANTEEN; LABORATORIES; WORK ABOVE CEILINGS, MAJOR CABLING ACTIVITIES, AND ANY ACTIVITY WHICH RADIATION / ONCOLOGY; DIALYSIS CANNOT BE COMPLETED WITHIN A SINGLE WORK SHIFT. FLOOR COVERING REMOVAL (WITH SANDING OR GRINDING). ICU/SICU OR/PACU/ENDOSCOPY MAJOR DEMOLITION AND CONSTRUCTION PROJECTS. INCLUDES, BUT IS NOT HIGHEST TYPE D LIMITED TO, ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTS, REQUIRE HEAVY DEMOLITION OR REMOVAL OF A COMPLETE CEILING SYSTEM, FLOORING STERILE PROCESSING SERVICES (SPS) RISK AND NEW CONSTRUCTION. CATH LAB KEEP AREAS FREE OF DEBRIS, TRASH EXECUTE WORK TO MINIMIZE OF DUST MIGRATION (E.G. WET MOPPING, HEPA VACUUM) IMMEDIATELY REPLACE ANY CEILING TILE DISPLACED FOR VISUAL INSPECTION (INVOLVING MINOR DEMOLITION IN MAINTENANCE OR REMODELING.) SAME AS CLASS I PLUS: ESTABLISH MATERIAL AND DEBRIS ROUTE USING NON-PATIENT/VISITOR PATHWAY WATER MIST WORK SURFACE TO CONTROL DUST WHILE CUTTING OR DRILLING. BLOCK OFF AND SEAL AIR VENTS SEAL UNUSED DOORS WITH PLASTIC SHEATHING AND DUCT TAPE. CREATE BARRIERS AS DEFINED BY INFECTION PREVENTION CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINER; TAPE COVERING UNLESS SOLID LID. WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREA. PLACE STICKY MAT AT ALL WORK AREA ENTRANCES AND EXITS. REMOVE OR ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA SAME AS CLASS I AND II PLUS: ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA TO PREVENT DUCT SYSTEM CONTAMINATION COMPLETE CRITICAL BARRIERS (I.E. SHEETROCK, PLYWOOD, PLASTIC) AT ALL CONSTRUCTION ENTRIES AND EXITS; MONITOR FOR SEAL AND TAKE IMMEDIATE CORRECTIVE MAINTAIN AND MONITOR NEGATIVE AIR PRESSURE WITHIN CONSTRUCTION SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS. REMOVE OR ISOLATE HVAC SYSTEMS IN AREA WHERE WORK IS BEING PERFORMED. CHECK AND REPLACE AIR FILTERS AS NEEDED REGULARLY DO NOT REMOVE BARRIERS FROM WORK SITE UNTIL PROJECT IS COMPLETE & HAS BEEN THOROUGHLY CLEANED; REMOVE BARRIERS CAREFULLY TO MINIMIZE SPREADING DUST. DEBRIS. VACUUM WORK WITH HEPA FILTERED VACUUM. WET MOP AREA WITH CLEANER/DISINFECTANT. MITIGATE VIBRATION AND NOISE TO LOWEST IMPACT WHERE POSSIBLE. DISPLAY ICRA AT SITE 11. SEAL HOLES, PIPES, CONDUITS AND PUNCTURES. SAME AS CLASS I, II AND III PLUS: INSPECT ADJACENT AREAS FOR DUST MIGRATION; TAKE IMMEDIATE CORRECTIVE AS NEEDED USE HEPA VACUUM IN AREA PRIOR TO START OF CONSTRUCTION

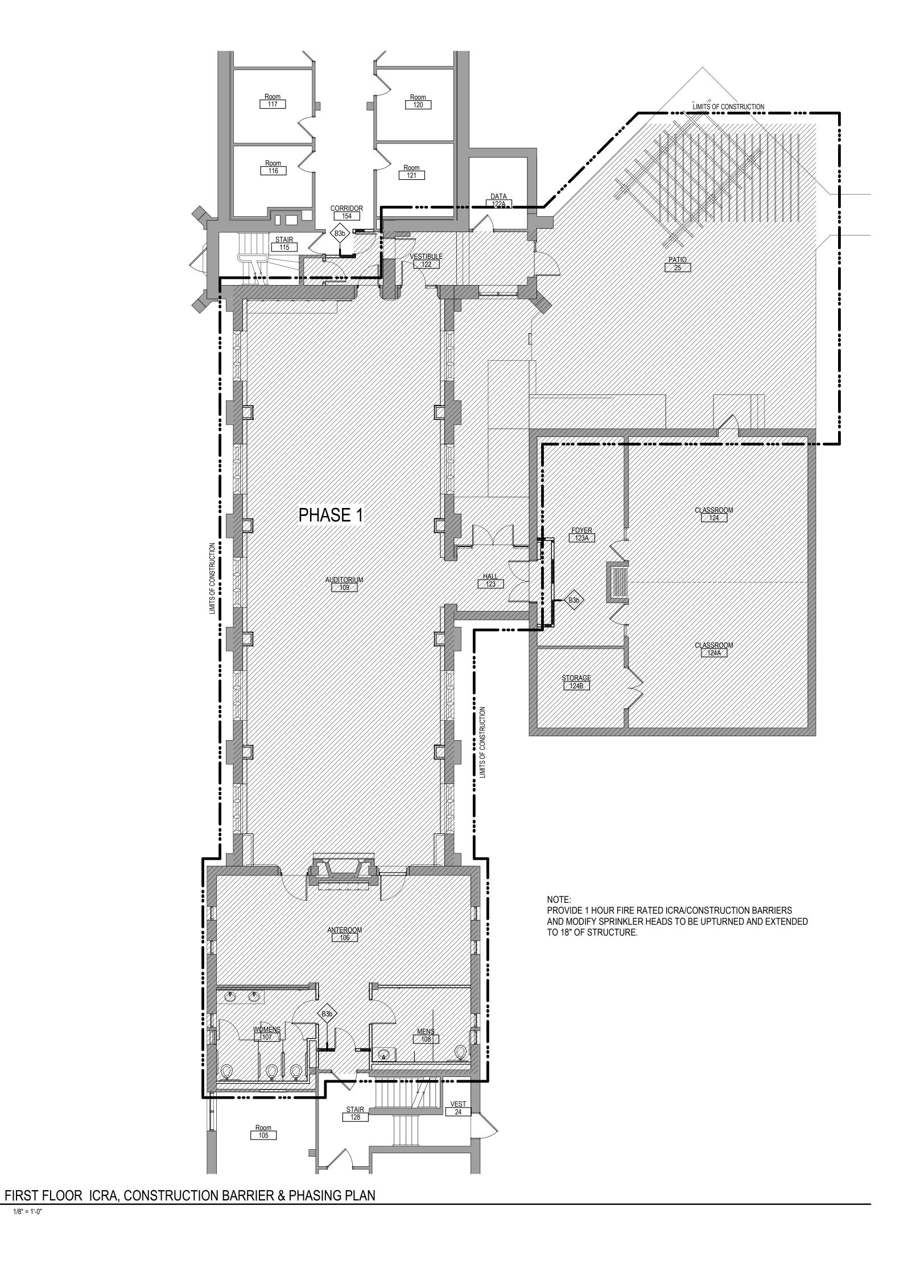
CONSTRUCT ANTE ROOM; ALL PERSONNEL MUST ENTER THROUGH IT TO BE VACUUMED USING HEPA VACUUM BEFORE LEAVING OR TO DON/DOFF PPE

## INFECTION CONTROL RISK ASSESSMENT (ICRA) BY PROJECT AREA USE AND PHASE

PHASE 1:
CONSTRUCTION PROJECT ACTIVITY TYPE - C
INFECTION CONTROL RISK GROUP - GROUP 2 : MEDIUM RISK
CONTROL PROCEDURE CLASS - III

PHASE 2: CONSTRUCTION PROJECT ACTIVITY TYPE - C INFECTION CONTROL RISK GROUP - GROUP 3: HIGH RISK CONTROL PROCEDURE CLASS - III

|            | CONSULTANT  | Construction and Facilities GROUND L  | ROUND LEVEL                            | Phase CONSTRUCTION                     | Project Title RENOVATE OLD CHAPEL |                          | Project Number<br>438-19-301 |                              |          |
|------------|---|---|--|--|-----------------------------------|--------------------------|------------------------------|------------------------------|----------|
|            |   |   | Construction                           | ICRA-CONSTRUCTION BARRIER &            | DOCUMENTS                         |                          | Building Number 1 & 5        |                              |          |
|            | FARRIS ENGINEERING OMAHA   LINCOLN   COLORADO SPRINGS   SIDNEY farris-usa.com | GANDERSON   |  | Management PHASING PLAN - BUILDING 5   | FULLY                             | Location Sioux Falls, SD |                              | Drawing Number               |          |
| Revisions: | Date:   | 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # 15522 | DATE: <u>05/15/2020</u> License # 9335 | VA U.S. Department of Veterans Affairs | Approved:                         | SPRINKLERED              |                              | Checked Drawn Checker Author | GC101-05 |



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Revisions:

VA FORM 08 - 6231

#### CONSTRUCTION PHASING INFECTION CONTROL & CONSTRUCTION BARRIER **GENERAL NOTES GENERAL NOTES**

THE INTENT OF INFECTION CONTROL ISOLATION IS TO CONTAIN DUST AND

PARTICULATE MATTER TO THE CONSTRUCTION AREA. CONSTRUCTION AREA

AND DUCT TAPE DURING OPERATIONS, WHERE PERMITTED BY CLASS. ICRA -CONSTRUCTION BARRIER TO BE PROVIDED AS SPECIFIED AND LISTED IN ICRA

SPECIFIED. MONITOR TO MEASURE PRESSURE DIFFERENTIAL BETWEEN

AS CONSTRUCTION PROGRESSES, FROM TYPE D TO TYPE C AND THEREON,

PERIMETER NEEDS TO BE SEALED COMPLETELY WITH SHEET PLASTIC AS SPECIFIED

PROVIDE NEGATIVE PRESSURE MONITORS DURING CONSTRUCTION OPERATIONS AS

PROVIDE A REQUEST VIA "INFECTION CONTROL CONSTRUCTION PERMIT" TO THE VA

INFECTION CONTROL NURSE. UPON AUTHORIZATION, PROCEED TO NEXT TYPE OF CONSTRUCTION. PROVIDE AT LEAST TEN (10) WORKING DAYS NOTICE FOR EACH

CONSTRUCT IC (INFECTION CONTROL) CONSTRUCTION BARRIER(S) FROM FLOOR TO DECK/FLOOR ABOVE. EXCEPTION. IF BARRIER IS ADJACENT TO SMOKE, FIRE, OR

EXISTING WALL CONSTRUCTION WHICH WILL NOT BE DEMOLISHED AND TERMINATES

TO FLOOR/DECK ABOVE, THEN CONSTRUCT DUST PROOF IC BARRIER, SEE

AND AFTER 8:00 P.M.

ADJACENT AREA.

BETWEEN 5000 SF AND 10000 SF.

LIFE SAFETY EGRESS IS TO BE MAINTAINED AT ALL TIMES.

DETAIL(S). TAPE, MUD, SAND JOINTS AND PAINT ON NON-CONSTRUCTION SIDE OF

CONTROL BARRIERS ARE TO BE INSTALLED AND REMOVED ONLY BEFORE 7:00 A.M.

DURING CONSTRUCTION OPERATIONS IN EACH ENCLOSED AREA PROVIDE NEGATIVE

PRESSURE MONITORS, MINIMUM (1) ONE IN AREAS LESS THAN 1000 SF, (2) TWO

MINIMUM IN AREAS BETWEEN 1000 SF AND 5000 SF, AND (3) THREE FOR AREAS

THE CONTRACTOR SHALL PROVIDE ENOUGH NEGATIVE AIR MACHINES TO

COMPLETELY EXCHANGE THE REGULATED AREA AIR VOLUME (4) FOUR ACTUAL TIMES PER HOUR. THE COMPETENT PERSON SHALL DETERMINE THE NUMBER OF

UNITS NEEDED FOR EACH REGULATED AREA BY DIVIDING THE CUBIC FEET IN THE

NUMBER OF UNITS NEEDED TO EFFECT (4) FOUR AIR CHANGES PER HOUR. PROVIDE

A STANDBY UNIT IN THE EVENT OF MACHINE FAILURE AND/OR EMERGENCY IN AN

PRIOR TO ANY REMOVAL OF SMOKE BARRIER FIRE RATED PARTITIONS, CONSTRUCT NEW SMOKE BARRIER/APPROPRIATE FIRE RATED PARTITIONS PER PLANS OR

INSPECTIONS AND NON-INVASIVE ACTIVITIES. INCLUDES, BUT NOT LIMITED TO, REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50

CONSTRUCT INFECTION CONTROL BARRIER TO ACT AS SMOKE BARRIER.

REGULATED AREA BY (15) FIFTEEN AND THEN DIVIDING THAT RESULT BY THE ACTUAL CUBIC FEET PER MINUTE (CFM) FOR EACH UNIT TO DETERMINE THE

CONSTRUCTION AREA AND ADJACENT CORRIDOR OR ROOM AS DIRECTED BY VA.

- THE WORK UNDER THIS CONTRACT SHALL BE DIVIDED INTO PHASES. A PHASE CAN INVOLVE MULTIPLE LOCATION AREAS. SEE SPECIFICATIONS SECTION 01 00 00 1.6.G SEE SPEC SECTION 01 35 26 SAFETY REQUIREMENTS FOR ADDITIONAL INFORMATION
  - THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING AND SEQUENCING WITH ALL TRADES AND THE OWNER. THE GENERAL CONTRACTOR SHALL PROVIDE A WRITTEN NARRATIVE TO OUTLINE CONSTRUCTION PHASING AND SEQUENCE PLANS, VALIDATING AND ELABORATING ON THIS PHASING DESCRIPTION.
  - THE GENERAL CONTRACTOR SHALL COOPERATE FULLY WITH THE OWNER SO WORK MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT, OR OTHER CONTRACTS ON THE PROJECT SITE OR WORK BY OWNER.
  - THE GENERAL CONTRACTOR'S CONSTRUCTION SCHEDULE SHALL INDICATE THE SEQUENCE, COMMENCEMENT AND COMPLETION DATES, OWNER INSPECTION AND APPROVAL DATES AND MOVE-OUT AND MOVE-IN DATES OF OWNER'S PERSONNEL FOR ALL PHASES OF THE WORK.
  - THE GENERAL CONTRACTOR SHALL PERFORM THE WORK IN EACH PHASE IN THE SEQUENCE SHOWN ON THE PHASING PLAN DRAWING(S) AND CONSTRUCTION PHASING DESCRIPTION.
  - THE GENERAL CONTRACTOR MUST COMPLETE ALL WORK IN EACH PHASE WITH THE VA INSPECTING AND ACCEPTING THE WORK PRIOR TO VA OCCUPANCY AND THE CONTRACTOR PROCEEDING TO THE NEXT SCHEDULED PHASE. UPON COMPLETION OF A PARTICULAR PHASE. THE ENTIRE AREA COVERED BY THAT PHASE CAN BE OCCUPIED BY THE VA PERSONNEL WITH ALL SYSTEMS FUNCTIONING PROPERLY.
  - BEFORE COMMENCING WORK ON EACH SUCCESSIVE PHASE, THE GENERAL CONTRACTOR SHALL SUBMIT AN UPDATED COPY OF THE SCHEDULE.
  - ANY DUST PARTITIONS CONSTRUCTED BY THE CONTRACTOR PRIOR TO THE START OF DEMOLITION MUST REMAIN IN PLACE UNTIL THE COMPLETION OF THAT PHASE OR

SUBSEQUENT PHASE WHERE REQUIRED.

- THE CONTRACTOR SHALL PERFORM ALL WORK ADJACENT TO VA OCCUPIED AREAS IN SUCH A MANNER TO ENSURE THE CONTINUOUS AND UNINTERRUPTED USE OF ALL OCCUPIED AREAS, INCLUDING THE APPLICABLE MECHANICAL AND ELECTRICAL SYSTEMS SERVING THESE AREAS.
- FOR ADDITIONAL NOTES AND INFORMATION REFER TO INFECTION CONTROL DRAWING(S) AND DEMOLITION PLANS.
- ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THE DOCUMENTS IS FOR
- ARCHITECT-OWNER PLANNING PURPOSES ONLY. THE CONTRACTOR DURING CONSTRUCTION SHALL MAINTAIN REQUIRED MEANS OF

MECHANICAL SPACES: AREAS NOT DIRECTLY ADJACENT TO PATIENT

EGRESS THROUGHOUT ALL PHASING. THE CONTRACTOR SHALL PLAN FOR A MINIMUM OF 4 WEEKS' TIME BETWEEN PHASES TO ALLOW THE VA TO OCCUPY THE NEWLY ACCEPTED SPACE AND VACATE THE FOLLOW-ON PHASES. THE VA WILL ACCELERATE THIS TIME WHEN POSSIBLE

AND WILL NOTIFY THE CONTRACTOR IF THIS OCCURS.

CARE, INCLUDING INTERSTITIAL SPACES.

## CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA)

| TYPE A      | SQUARE FEET, PAINTING BUT NOT SANDING WALL COVERING, ELECTRICAL TRIM WORK, MINOR PLUMBING, AND ACTIVITIES WHICH DO NOT GENERATE DUST OR REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL INSPECTION.  | GROUP 1<br>LOW RISK             | <ul> <li>ENGINEERING OR EMS OFFICE/WORK AREAS</li> <li>OFFICE AREAS: AREAS NOT ATTACHED TO/ADJOINING PATIENT CARE AREAS, NOT USED FOR PATIENT INTERVIEWS, EVALUATIONS OR EXAMINATIONS.</li> <li>PUBLIC CORRIDORS: SPACES NOT ON OR DIRECTLY ATTACHED TO</li> </ul> |  |  |  |
|-------------|---|---------------------------------|--|--|--|--|
| TYPE B      | SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST. INCLUDES, BUT IS NOT LIMITED TO, INSTALLATION OF TELEPHONE AND COMPUTER CABLING, ACCESS TO CHASE SPACES, CUFFING OF WALLS OR CEILING WHERE DUST MIGRATION CAN BE CONTROLLED. FLOOR COVERING   | GROUP 2                         | PATIENT UNITS OR TREATMENT LOCATIONS.  OUTPATIENT AREAS:  1. PRIMARY CARE OR SPECIALTY CARE CLINIC AREAS   |  |  |  |
|             | REMOVAL (WITHOUT SANDING OR GRINDING).  ANY WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR   | MEDIUM<br>RISK                  | BEHAVIORAL/MENTAL HEALTH AREAS     EXTENDED CARE / REHAB CLINIC AREAS     COMMUNITY BASED OUT PATIENT CLINICS (CBOC'S)   |  |  |  |
| TYPE C      | AND CASEWORK, NEW WALL CONSTRUCTION, MINOR DUCTWORK OR ELECTRICAL WORK ABOVE CEILINGS, MAJOR CABLING ACTIVITIES, AND ANY ACTIVITY WHICH CANNOT BE COMPLETED WITHIN A SINGLE WORK SHIFT. FLOOR COVERING  |                                 | IN-PATIENT UNITS:     INCLUDING, BUT NOT LIMITED TO: EMERGENCY DEPT.;     NURSING UNITS; RADIOLOGY/MRI/CT/ULTRASOUND; NUCLEAR MEDICINE; CAFETERIA/KITCHEN/CANTEEN; LABORATORIES; RADIATION / ONCOLOGY; DIALYSIS  |  |  |  |
| TYPE D      | REMOVAL (WITH SANDING OR GRINDING).  MAJOR DEMOLITION AND CONSTRUCTION PROJECTS. INCLUDES, BUT IS NOT LIMITED TO, ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTS, REQUIRE HEAVY DEMOLITION OR REMOVAL OF A COMPLETE CEILING SYSTEM, FLOORING AND NEW CONSTRUCTION.  | GROUP 4<br>HIGHEST<br>RISK      | ICU/SICU     OR/PACU/ENDOSCOPY     GI     STERILE PROCESSING SERVICES (SPS)     PHARMACY     CATH LAB  |  |  |  |
| CLASS<br>I  | KEEP AREAS FREE OF DEBRIS, TRASH     EXECUTE WORK TO MINIMIZE OF DUST MIGRATION (E.G. WET MOPPING     IMMEDIATELY REPLACE ANY CEILING TILE DISPLACED FOR VISUAL INSP     (INVOLVING MINOR DEMOLITION IN MAINTENANCE OR REMODELING.)   |                                 |  |  |  |  |
| CLASS<br>II | SAME AS CLASS I PLUS:  1. ESTABLISH MATERIAL AND DEBRIS ROUTE USING NON-PATIENT/VISITOF 2. WATER MIST WORK SURFACE TO CONTROL DUST WHILE CUTTING OR D 3. BLOCK OFF AND SEAL AIR VENTS 4. SEAL UNUSED DOORS WITH PLASTIC SHEATHING AND DUCT TAPE. 5. CREATE BARRIERS AS DEFINED BY INFECTION PREVENTION 6. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COV. 7. WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEA 8. PLACE STICKY MAT AT ALL WORK AREA ENTRANCES AND EXITS. 9. REMOVE OR ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA | PRILLING.<br>/ERED CONTAINER; 1 | TAPE COVERING UNLESS SOLID LID.  |  |  |  |
|             | SAME AS CLASS I AND II PLUS:  1. ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA TO PREVENT DUCT SY  2. COMPLETE CRITICAL BARRIERS (I.E. SHEETROCK, PLYWOOD, PLASTIC)  |                                 | ION<br>ION ENTRIES AND EXITS; MONITOR FOR SEAL AND TAKE IMMEDIATE CORRECTIVE   |  |  |  |

MAINTAIN AND MONITOR NEGATIVE AIR PRESSURE WITHIN CONSTRUCTION SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS.

REMOVE OR ISOLATE HVAC SYSTEMS IN AREA WHERE WORK IS BEING PERFORMED. CHECK AND REPLACE AIR FILTERS AS NEEDED REGULARLY

DO NOT REMOVE BARRIERS FROM WORK SITE UNTIL PROJECT IS COMPLETE & HAS BEEN THOROUGHLY CLEANED; REMOVE BARRIERS CAREFULLY TO MINIMIZE SPREADING

VACUUM WORK WITH HEPA FILTERED VACUUM. WET MOP AREA WITH CLEANER/DISINFECTANT.

MITIGATE VIBRATION AND NOISE TO LOWEST IMPACT WHERE POSSIBLE 10. DISPLAY ICRA AT SITE

11. SEAL HOLES, PIPES, CONDUITS AND PUNCTURES.

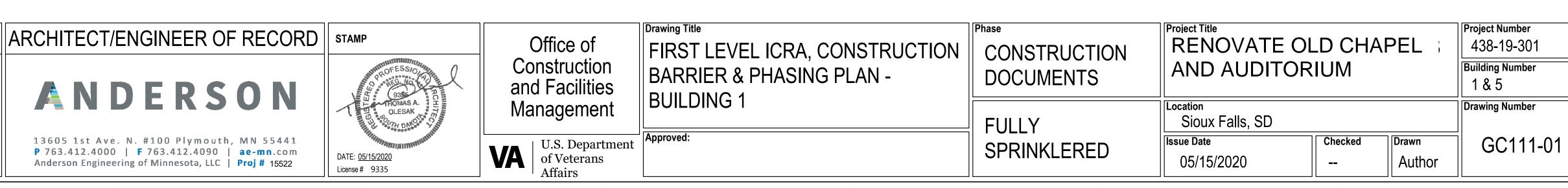
INSPECT ADJACENT AREAS FOR DUST MIGRATION; TAKE IMMEDIATE CORRECTIVE AS NEEDED USE HEPA VACUUM IN AREA PRIOR TO START OF CONSTRUCTION

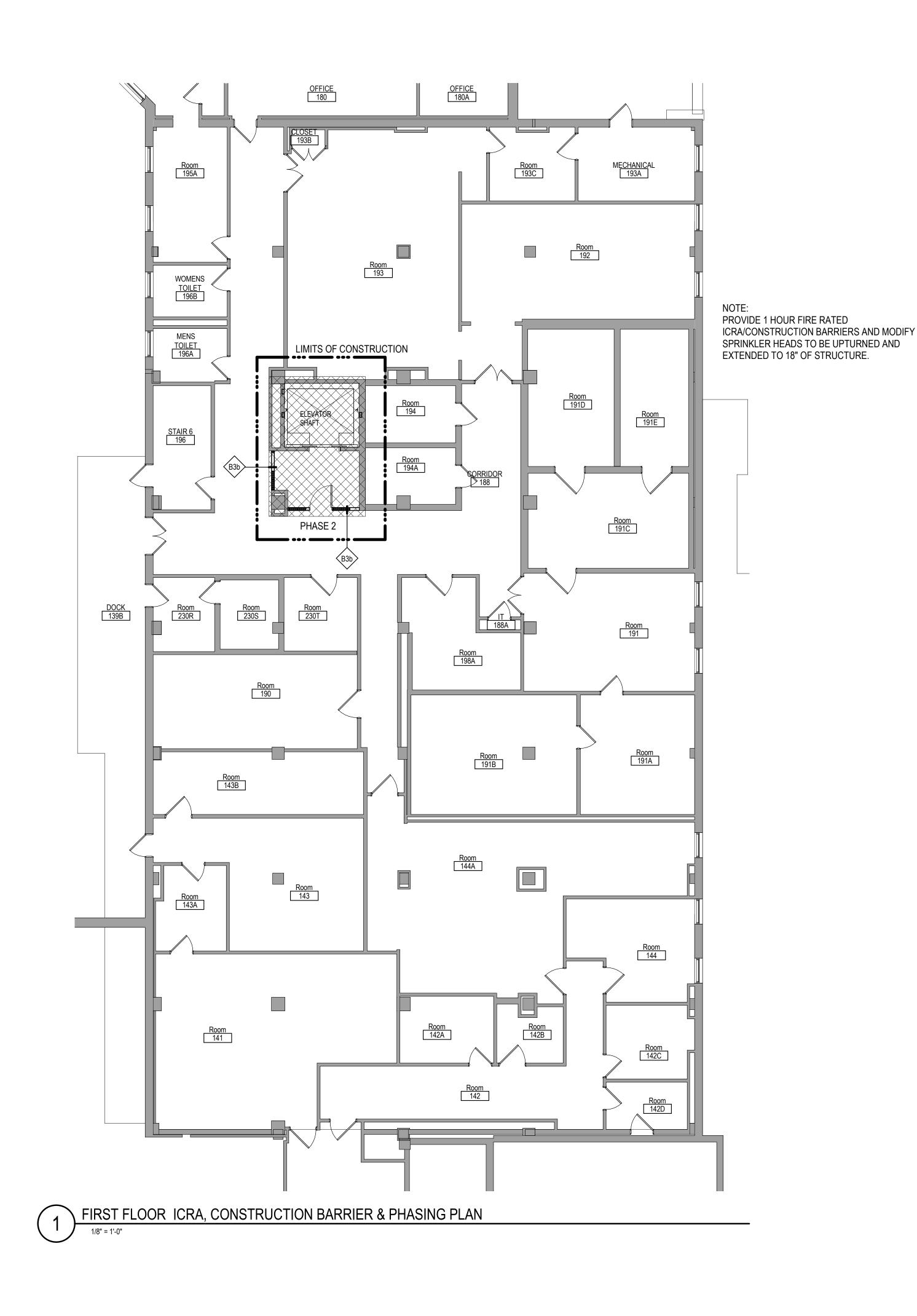
CONSTRUCT ANTE ROOM; ALL PERSONNEL MUST ENTER THROUGH IT TO BE VACUUMED USING HEPA VACUUM BEFORE LEAVING OR TO DON/DOFF PPE

### INFECTION CONTROL RISK ASSESSMENT (ICRA) BY PROJECT AREA USE AND PHASE

CONSTRUCTION PROJECT ACTIVITY TYPE - C INFECTION CONTROL RISK GROUP - GROUP 2: MEDIUM RISK CONTROL PROCEDURE CLASS - III

CONSTRUCTION PROJECT ACTIVITY TYPE - C INFECTION CONTROL RISK GROUP - GROUP 3 : HIGH RISK CONTROL PROCEDURE CLASS - III





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Revisions:

VA FORM 08 - 6231

# INFECTION CONTROL & CONSTRUCTION BARRIER GENERAL NOTES

SEE SPEC SECTION 01 35 26 SAFETY REQUIREMENTS FOR ADDITIONAL INFORMATION

- 2. THE INTENT OF INFECTION CONTROL ISOLATION IS TO CONTAIN DUST AND PARTICULATE MATTER TO THE CONSTRUCTION AREA. CONSTRUCTION AREA PERIMETER NEEDS TO BE SEALED COMPLETELY WITH SHEET PLASTIC AS SPECIFIED AND DUCT TAPE DURING OPERATIONS, WHERE PERMITTED BY CLASS. ICRA CONSTRUCTION BARRIER TO BE PROVIDED AS SPECIFIED AND LISTED IN ICRA
- 3. PROVIDE NEGATIVE PRESSURE MONITORS DURING CONSTRUCTION OPERATIONS AS SPECIFIED. MONITOR TO MEASURE PRESSURE DIFFERENTIAL BETWEEN CONSTRUCTION AREA AND ADJACENT CORRIDOR OR ROOM AS DIRECTED BY VA.
- 4. AS CONSTRUCTION PROGRESSES, FROM TYPE D TO TYPE C AND THEREON, PROVIDE A REQUEST VIA "INFECTION CONTROL CONSTRUCTION PERMIT" TO THE VA INFECTION CONTROL NURSE. UPON AUTHORIZATION, PROCEED TO NEXT TYPE OF CONSTRUCTION. PROVIDE AT LEAST TEN (10) WORKING DAYS NOTICE FOR EACH
- CONSTRUCT IC (INFECTION CONTROL) CONSTRUCTION BARRIER(S) FROM FLOOR TO DECK/FLOOR ABOVE. EXCEPTION. IF BARRIER IS ADJACENT TO SMOKE, FIRE, OR EXISTING WALL CONSTRUCTION WHICH WILL NOT BE DEMOLISHED AND TERMINATES TO FLOOR/DECK ABOVE, THEN CONSTRUCT DUST PROOF IC BARRIER, SEE DETAIL(S). TAPE, MUD, SAND JOINTS AND PAINT ON NON-CONSTRUCTION SIDE OF
- 6. CONTROL BARRIERS ARE TO BE INSTALLED AND REMOVED ONLY BEFORE 7:00 A.M. AND AFTER 8:00 P.M.

DURING CONSTRUCTION OPERATIONS IN EACH ENCLOSED AREA PROVIDE NEGATIVE PRESSURE MONITORS, MINIMUM (1) ONE IN AREAS LESS THAN 1000 SF, (2) TWO MINIMUM IN AREAS BETWEEN 1000 SF AND 5000 SF, AND (3) THREE FOR AREAS BETWEEN 5000 SF AND 10000 SF.

- 8. LIFE SAFETY EGRESS IS TO BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL PROVIDE ENOUGH NEGATIVE AIR MACHINES TO COMPLETELY EXCHANGE THE REGULATED AREA AIR VOLUME (4) FOUR ACTUAL TIMES PER HOUR. THE COMPETENT PERSON SHALL DETERMINE THE NUMBER OF UNITS NEEDED FOR EACH REGULATED AREA BY DIVIDING THE CUBIC FEET IN THE REGULATED AREA BY (15) FIFTEEN AND THEN DIVIDING THAT RESULT BY THE ACTUAL CUBIC FEET PER MINUTE (CFM) FOR EACH UNIT TO DETERMINE THE NUMBER OF UNITS NEEDED TO EFFECT (4) FOUR AIR CHANGES PER HOUR. PROVIDE A STANDBY UNIT IN THE EVENT OF MACHINE FAILURE AND/OR EMERGENCY IN AN ADJACENT AREA.
- 10. PRIOR TO ANY REMOVAL OF SMOKE BARRIER FIRE RATED PARTITIONS, CONSTRUCT NEW SMOKE BARRIER/APPROPRIATE FIRE RATED PARTITIONS PER PLANS OR CONSTRUCT INFECTION CONTROL BARRIER TO ACT AS SMOKE BARRIER.

## CONSTRUCTION PHASING GENERAL NOTES

THE WORK UNDER THIS CONTRACT SHALL BE DIVIDED INTO PHASES. A PHASE CAN INVOLVE MULTIPLE LOCATION AREAS. SEE SPECIFICATIONS SECTION 01 00 00 1.6.G

- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING AND SEQUENCING WITH ALL TRADES AND THE OWNER. THE GENERAL CONTRACTOR SHALL PROVIDE A WRITTEN NARRATIVE TO OUTLINE CONSTRUCTION PHASING AND SEQUENCE PLANS, VALIDATING AND ELAPORATING ON THIS PHASING DESCRIPTION.
- VALIDATING AND ELABORATING ON THIS PHASING DESCRIPTION.

  THE GENERAL CONTRACTOR SHALL COOPERATE FULLY WITH THE OWNER SO WORK MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT, OR OTHER CONTRACTS ON THE PROJECT SITE OR
- WORK BY OWNER.

  THE GENERAL CONTRACTOR'S CONSTRUCTION SCHEDULE SHALL INDICATE THE SEQUENCE, COMMENCEMENT AND COMPLETION DATES, OWNER INSPECTION AND APPROVAL DATES AND MOVE-OUT AND MOVE-IN DATES OF OWNER'S PERSONNEL
- FOR ALL PHASES OF THE WORK.

  THE GENERAL CONTRACTOR SHALL PERFORM THE WORK IN EACH PHASE IN THE SEQUENCE SHOWN ON THE PHASING PLAN DRAWING(S) AND CONSTRUCTION
- PHASING DESCRIPTION.

  THE GENERAL CONTRACTOR MUST COMPLETE ALL WORK IN EACH PHASE WITH THE VA INSPECTING AND ACCEPTING THE WORK PRIOR TO VA OCCUPANCY AND THE CONTRACTOR PROCEEDING TO THE NEXT SCHEDULED PHASE. UPON COMPLETION OF A PARTICULAR PHASE, THE ENTIRE AREA COVERED BY THAT PHASE CAN BE
- OCCUPIED BY THE VA PERSONNEL WITH ALL SYSTEMS FUNCTIONING PROPERLY.

  BEFORE COMMENCING WORK ON EACH SUCCESSIVE PHASE, THE GENERAL
- CONTRACTOR SHALL SUBMIT AN UPDATED COPY OF THE SCHEDULE.

  ANY DUST PARTITIONS CONSTRUCTED BY THE CONTRACTOR PRIOR TO THE START OF DEMOLITION MUST REMAIN IN PLACE UNTIL THE COMPLETION OF THAT PHASE OR SUBSEQUENT PHASE WHERE REQUIRED.
- THE CONTRACTOR SHALL PERFORM ALL WORK ADJACENT TO VA OCCUPIED AREAS IN SUCH A MANNER TO ENSURE THE CONTINUOUS AND UNINTERRUPTED USE OF ALL OCCUPIED AREAS, INCLUDING THE APPLICABLE MECHANICAL AND ELECTRICAL
- SYSTEMS SERVING THESE AREAS.

  FOR ADDITIONAL NOTES AND INFORMATION REFER TO INFECTION CONTROL DRAWING(S) AND DEMOLITION PLANS.
- ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THE DOCUMENTS IS FOR
- ARCHITECT-OWNER PLANNING PURPOSES ONLY.

  THE CONTRACTOR DURING CONSTRUCTION SHALL MAINTAIN REQUIRED MEANS OF
- EGRESS THROUGHOUT ALL PHASING.

  THE CONTRACTOR SHALL PLAN FOR A MINIMUM OF 4 WEEKS' TIME BETWEEN

PHASES TO ALLOW THE VA TO OCCUPY THE NEWLY ACCEPTED SPACE AND VACATE
THE FOLLOW-ON PHASES. THE VA WILL ACCELERATE THIS TIME WHEN POSSIBLE
AND WILL NOTIFY THE CONTRACTOR IF THIS OCCURS.

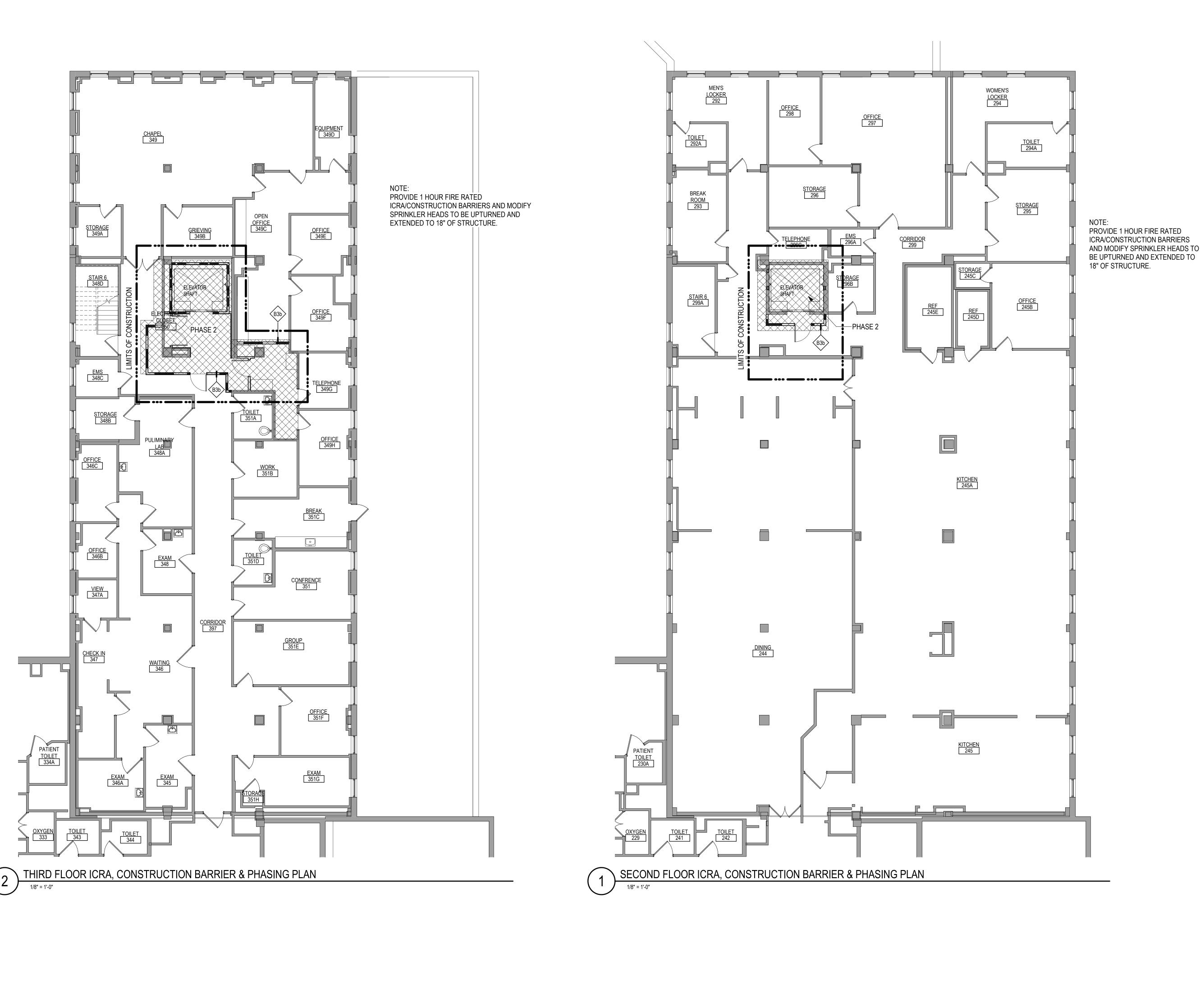
#### CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) INSPECTIONS AND NON-INVASIVE ACTIVITIES. INCLUDES, BUT NOT LIMITED TO, MECHANICAL SPACES: AREAS NOT DIRECTLY ADJACENT TO PATIENT REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 CARE, INCLUDING INTERSTITIAL SPACES. SQUARE FEET, PAINTING BUT NOT SANDING WALL COVERING, ELECTRICAL TRIM ENGINEERING OR EMS OFFICE/WORK AREAS TYPE A WORK, MINOR PLUMBING, AND ACTIVITIES WHICH DO NOT GENERATE DUST OR OFFICE AREAS: AREAS NOT ATTACHED TO/ADJOINING PATIENT CARE REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL AREAS, NOT USED FOR PATIENT INTERVIEWS, EVALUATIONS OR PUBLIC CORRIDORS: SPACES NOT ON OR DIRECTLY ATTACHED TO SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST. PATIENT UNITS OR TREATMENT LOCATIONS. INCLUDES, BUT IS NOT LIMITED TO, INSTALLATION OF TELEPHONE AND TYPE B COMPUTER CABLING, ACCESS TO CHASE SPACES, CUFFING OF WALLS OR CEILING WHERE DUST MIGRATION CAN BE CONTROLLED. FLOOR COVERING OUTPATIENT AREAS: **GROUP 2** PRIMARY CARE OR SPECIALTY CARE CLINIC AREAS **MEDIUM** REMOVAL (WITHOUT SANDING OR GRINDING). BEHAVIORAL/MENTAL HEALTH AREAS EXTENDED CARE / REHAB CLINIC AREAS RISK COMMUNITY BASED OUT PATIENT CLINICS (CBOC'S) ANY WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENTS OR IN-PATIENT UNITS: ASSEMBLIES. INCLUDES, BUT IS NOT LIMITED TO, SANDING OF WALL FOR INCLUDING, BUT NOT LIMITED TO: EMERGENCY DEPT.; TYPE C ASSEMBLIES. INCLUDES, BUT IS NOT LIMITED TO, SANDING OF WALL FOR GROUP 3 NURSING UNITS; RADIOLOGY/MRI/CT/ULTRASOUND; NUCLEAR AND CASEWORK, NEW WALL CONSTRUCTION, MINOR DUCTWORK OR ELECTRICAL HIGH RISK MEDICINE; CAFETERIA/KITCHEN/CANTEEN; LABORATORIES; WORK ABOVE CEILINGS, MAJOR CABLING ACTIVITIES, AND ANY ACTIVITY WHICH RADIATION / ONCOLOGY; DIALYSIS CANNOT BE COMPLETED WITHIN A SINGLE WORK SHIFT. FLOOR COVERING REMOVAL (WITH SANDING OR GRINDING). OR/PACU/ENDOSCOPY MAJOR DEMOLITION AND CONSTRUCTION PROJECTS. INCLUDES, BUT IS NOT TYPE D LIMITED TO, ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTS, REQUIRE HEAVY DEMOLITION OR REMOVAL OF A COMPLETE CEILING SYSTEM, FLOORING HIGHEST STERILE PROCESSING SERVICES (SPS) RISK AND NEW CONSTRUCTION. CATH LAB KEEP AREAS FREE OF DEBRIS, TRASH EXECUTE WORK TO MINIMIZE OF DUST MIGRATION (E.G. WET MOPPING, HEPA VACUUM) 3. IMMEDIATELY REPLACE ANY CEILING TILE DISPLACED FOR VISUAL INSPECTION (INVOLVING MINOR DEMOLITION IN MAINTENANCE OR REMODELING.) SAME AS CLASS I PLUS: ESTABLISH MATERIAL AND DEBRIS ROUTE USING NON-PATIENT/VISITOR PATHWAY WATER MIST WORK SURFACE TO CONTROL DUST WHILE CUTTING OR DRILLING. BLOCK OFF AND SEAL AIR VENTS SEAL UNUSED DOORS WITH PLASTIC SHEATHING AND DUCT TAPE. CREATE BARRIERS AS DEFINED BY INFECTION PREVENTION CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINER; TAPE COVERING UNLESS SOLID LID. WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREA. PLACE STICKY MAT AT ALL WORK AREA ENTRANCES AND EXITS. REMOVE OR ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA SAME AS CLASS I AND II PLUS: ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA TO PREVENT DUCT SYSTEM CONTAMINATION COMPLETE CRITICAL BARRIERS (I.E. SHEETROCK, PLYWOOD, PLASTIC) AT ALL CONSTRUCTION ENTRIES AND EXITS; MONITOR FOR SEAL AND TAKE IMMEDIATE CORRECTIVE MAINTAIN AND MONITOR NEGATIVE AIR PRESSURE WITHIN CONSTRUCTION SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS. REMOVE OR ISOLATE HVAC SYSTEMS IN AREA WHERE WORK IS BEING PERFORMED. CHECK AND REPLACE AIR FILTERS AS NEEDED REGULARLY DO NOT REMOVE BARRIERS FROM WORK SITE UNTIL PROJECT IS COMPLETE & HAS BEEN THOROUGHLY CLEANED; REMOVE BARRIERS CAREFULLY TO MINIMIZE SPREADING VACUUM WORK WITH HEPA FILTERED VACUUM. WET MOP AREA WITH CLEANER/DISINFECTANT. MITIGATE VIBRATION AND NOISE TO LOWEST IMPACT WHERE POSSIBLE. DISPLAY ICRA AT SITE 11. SEAL HOLES, PIPES, CONDUITS AND PUNCTURES. SAME AS CLASS I, II AND III PLUS: INSPECT ADJACENT AREAS FOR DUST MIGRATION; TAKE IMMEDIATE CORRECTIVE AS NEEDED USE HEPA VACUUM IN AREA PRIOR TO START OF CONSTRUCTION CONSTRUCT ANTE ROOM; ALL PERSONNEL MUST ENTER THROUGH IT TO BE VACUUMED USING HEPA VACUUM BEFORE LEAVING OR TO DON/DOFF PPE

## INFECTION CONTROL RISK ASSESSMENT (ICRA) BY PROJECT AREA USE AND PHASE

PHASE 1: CONSTRUCTION PROJECT ACTIVITY TYPE - C INFECTION CONTROL RISK GROUP - GROUP 2 : MEDIUM RISK CONTROL PROCEDURE CLASS - III

PHASE 2:
CONSTRUCTION PROJECT ACTIVITY TYPE - C
INFECTION CONTROL RISK GROUP - GROUP 3: HIGH RISK
CONTROL PROCEDURE CLASS - III

| STAMP  ST | Office of Construction and Facilities           | FIRST LEVEL ICRA, CONSTRUCTION BARRIER & PHASING PLAN - BUILDING 5 | Phase CONSTRUCTION DOCUMENTS | Project Title RENOVATE OLD CHAPEL AND AUDITORIUM |                    | Project Number 438-19-301 Building Number 1 & 5 |
|--|---|--|------------------------------|--|--------------------|---|
| DATE: 05/15/2020<br>License # 9335   | Management  U.S. Department of Veterans Affairs |  | FULLY<br>SPRINKLERED         | Location Sioux Falls, SD  Issue Date 05/15/2020  | Checked<br>Checker | Drawn<br>Author                                 |



VA FORM 08 - 6231

# INFECTION CONTROL & CONSTRUCTION BARRIER GENERAL NOTES

- SEE SPEC SECTION 01 35 26 SAFETY REQUIREMENTS FOR ADDITIONAL INFORMATION

   THE INTENT OF INFECTION CONTROL ISOLATION IS TO CONTAIN DUST AND PARTICULATE MATTER TO THE CONSTRUCTION AREA. CONSTRUCTION AREA PERIMETER NEEDS TO BE SEALED COMPLETELY WITH SHEET PLASTIC AS SPECIFIED AND DUCT TAPE DURING OPERATIONS, WHERE PERMITTED BY CLASS. ICRA CONSTRUCTION BARRIER TO BE PROVIDED AS SPECIFIED AND LISTED IN ICRA
- PROVIDE NEGATIVE PRESSURE MONITORS DURING CONSTRUCTION OPERATIONS AS SPECIFIED. MONITOR TO MEASURE PRESSURE DIFFERENTIAL BETWEEN

CONSTRUCTION AREA AND ADJACENT CORRIDOR OR ROOM AS DIRECTED BY VA.

- AS CONSTRUCTION PROGRESSES, FROM TYPE D TO TYPE C AND THEREON, PROVIDE A REQUEST VIA "INFECTION CONTROL CONSTRUCTION PERMIT" TO THE VAINFECTION CONTROL NURSE. UPON AUTHORIZATION, PROCEED TO NEXT TYPE OF CONSTRUCTION. PROVIDE AT LEAST TEN (10) WORKING DAYS NOTICE FOR EACH DEEMIT
- 5. CONSTRUCT IC (INFECTION CONTROL) CONSTRUCTION BARRIER(S) FROM FLOOR TO DECK/FLOOR ABOVE. EXCEPTION. IF BARRIER IS ADJACENT TO SMOKE, FIRE, OR EXISTING WALL CONSTRUCTION WHICH WILL NOT BE DEMOLISHED AND TERMINATES TO FLOOR/DECK ABOVE, THEN CONSTRUCT DUST PROOF IC BARRIER, SEE DETAIL(S). TAPE, MUD, SAND JOINTS AND PAINT ON NON-CONSTRUCTION SIDE OF BARRIER.
- 6. CONTROL BARRIERS ARE TO BE INSTALLED AND REMOVED ONLY BEFORE 7:00 A.M. AND AFTER 8:00 P.M.
- 7. DURING CONSTRUCTION OPERATIONS IN EACH ENCLOSED AREA PROVIDE NEGATIVE PRESSURE MONITORS, MINIMUM (1) ONE IN AREAS LESS THAN 1000 SF, (2) TWO MINIMUM IN AREAS BETWEEN 1000 SF AND 5000 SF, AND (3) THREE FOR AREAS BETWEEN 5000 SF AND 10000 SF.
- LIFE SAFETY EGRESS IS TO BE MAINTAINED AT ALL TIMES.
- 9. THE CONTRACTOR SHALL PROVIDE ENOUGH NEGATIVE AIR MACHINES TO COMPLETELY EXCHANGE THE REGULATED AREA AIR VOLUME (4) FOUR ACTUAL TIMES PER HOUR. THE COMPETENT PERSON SHALL DETERMINE THE NUMBER OF UNITS NEEDED FOR EACH REGULATED AREA BY DIVIDING THE CUBIC FEET IN THE REGULATED AREA BY (15) FIFTEEN AND THEN DIVIDING THAT RESULT BY THE ACTUAL CUBIC FEET PER MINUTE (CFM) FOR EACH UNIT TO DETERMINE THE NUMBER OF UNITS NEEDED TO EFFECT (4) FOUR AIR CHANGES PER HOUR. PROVIDE A STANDBY UNIT IN THE EVENT OF MACHINE FAILURE AND/OR EMERGENCY IN AN ADJACENT AREA.
- PRIOR TO ANY REMOVAL OF SMOKE BARRIER FIRE RATED PARTITIONS, CONSTRUCT NEW SMOKE BARRIER/APPROPRIATE FIRE RATED PARTITIONS PER PLANS OR CONSTRUCT INFECTION CONTROL BARRIER TO ACT AS SMOKE BARRIER.

## CONSTRUCTION PHASING GENERAL NOTES

- THE WORK UNDER THIS CONTRACT SHALL BE DIVIDED INTO PHASES. A PHASE CAN INVOLVE MULTIPLE LOCATION AREAS. SEE SPECIFICATIONS SECTION 01 00 00 1.6.G

  PLACE OF THE CONTRACT SHALL BE DIVIDED INTO PHASES. A PHASE CAN INVOLVE MULTIPLE LOCATION AREAS. SEE SPECIFICATIONS SECTION 01 00 00 1.6.G
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING AND SEQUENCING WITH ALL TRADES AND THE OWNER. THE GENERAL CONTRACTOR SHALL PROVIDE A WRITTEN NARRATIVE TO OUTLINE CONSTRUCTION PHASING AND SEQUENCE PLANS, VALIDATING AND ELABORATING ON THIS PHASING DESCRIPTION.
- THE GENERAL CONTRACTOR SHALL COOPERATE FULLY WITH THE OWNER SO WORK MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT, OR OTHER CONTRACTS ON THE PROJECT SITE OR
- THE GENERAL CONTRACTOR'S CONSTRUCTION SCHEDULE SHALL INDICATE THE SEQUENCE, COMMENCEMENT AND COMPLETION DATES, OWNER INSPECTION AND APPROVAL DATES AND MOVE-OUT AND MOVE-IN DATES OF OWNER'S PERSONNEL FOR ALL PHASES OF THE WORK.
- THE GENERAL CONTRACTOR SHALL PERFORM THE WORK IN EACH PHASE IN THE SEQUENCE SHOWN ON THE PHASING PLAN DRAWING(S) AND CONSTRUCTION PHASING DESCRIPTION.
- THE GENERAL CONTRACTOR MUST COMPLETE ALL WORK IN EACH PHASE WITH THE VA INSPECTING AND ACCEPTING THE WORK PRIOR TO VA OCCUPANCY AND THE CONTRACTOR PROCEEDING TO THE NEXT SCHEDULED PHASE. UPON COMPLETION OF A PARTICULAR PHASE, THE ENTIRE AREA COVERED BY THAT PHASE CAN BE

OCCUPIED BY THE VA PERSONNEL WITH ALL SYSTEMS FUNCTIONING PROPERLY.

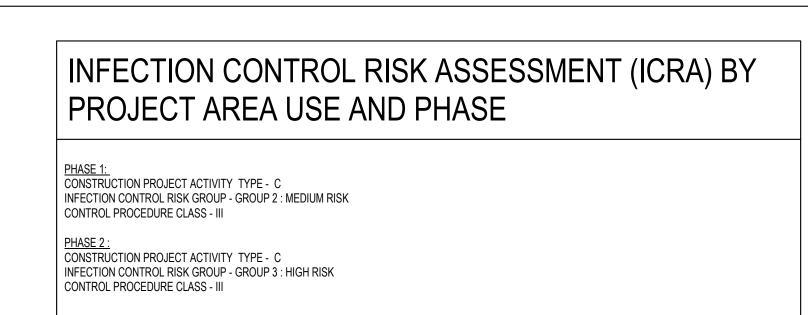
BEFORE COMMENCING WORK ON EACH SUCCESSIVE PHASE, THE GENERAL CONTRACTOR SHALL SUBMIT AN UPDATED COPY OF THE SCHEDULE.

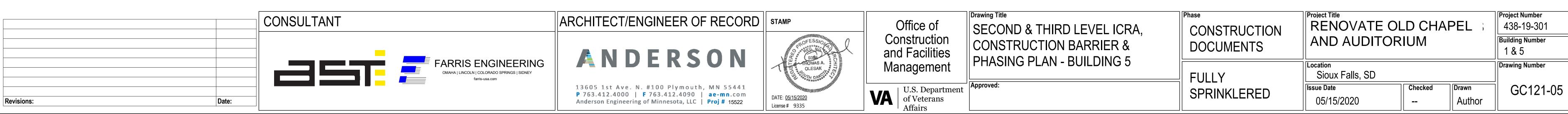
SUBSEQUENT PHASE WHERE REQUIRED.

- ANY DUST PARTITIONS CONSTRUCTED BY THE CONTRACTOR PRIOR TO THE START OF DEMOLITION MUST REMAIN IN PLACE UNTIL THE COMPLETION OF THAT PHASE OR
- THE CONTRACTOR SHALL PERFORM ALL WORK ADJACENT TO VA OCCUPIED AREAS IN SUCH A MANNER TO ENSURE THE CONTINUOUS AND UNINTERRUPTED USE OF ALL OCCUPIED AREAS, INCLUDING THE APPLICABLE MECHANICAL AND ELECTRICAL
- SYSTEMS SERVING THESE AREAS.

  FOR ADDITIONAL NOTES AND INFORMATION REFER TO INFECTION CONTROL DRAWING(S) AND DEMOLITION PLANS.
- 11. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THE DOCUMENTS IS FOR
- ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THE DOCUMENTS IS FOR ARCHITECT-OWNER PLANNING PURPOSES ONLY.
- 12. THE CONTRACTOR DURING CONSTRUCTION SHALL MAINTAIN REQUIRED MEANS OF EGRESS THROUGHOUT ALL PHASING.
- THE CONTRACTOR SHALL PLAN FOR A MINIMUM OF 4 WEEKS' TIME BETWEEN PHASES TO ALLOW THE VA TO OCCUPY THE NEWLY ACCEPTED SPACE AND VACATE THE FOLLOW-ON PHASES. THE VA WILL ACCELERATE THIS TIME WHEN POSSIBLE AND WILL NOTIFY THE CONTRACTOR IF THIS OCCURS.

#### CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) MECHANICAL SPACES: AREAS NOT DIRECTLY ADJACENT TO PATIENT INSPECTIONS AND NON-INVASIVE ACTIVITIES. INCLUDES, BUT NOT LIMITED TO, REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 CARE, INCLUDING INTERSTITIAL SPACES. SQUARE FEET, PAINTING BUT NOT SANDING WALL COVERING, ELECTRICAL TRIM GROUP 1 ENGINEERING OR EMS OFFICE/WORK AREAS OFFICE AREAS: AREAS NOT ATTACHED TO/ADJOINING PATIENT CARE REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL AREAS, NOT USED FOR PATIENT INTERVIEWS, EVALUATIONS OR PUBLIC CORRIDORS: SPACES NOT ON OR DIRECTLY ATTACHED TO SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST. PATIENT UNITS OR TREATMENT LOCATIONS. INCLUDES, BUT IS NOT LIMITED TO, INSTALLATION OF TELEPHONE AND COMPUTER CABLING, ACCESS TO CHASE SPACES, CUFFING OF WALLS OR **OUTPATIENT AREAS: GROUP 2** CEILING WHERE DUST MIGRATION CAN BE CONTROLLED. FLOOR COVERING PRIMARY CARE OR SPECIALTY CARE CLINIC AREAS REMOVAL (WITHOUT SANDING OR GRINDING). MEDIUM BEHAVIORAL/MENTAL HEALTH AREAS EXTENDED CARE / REHAB CLINIC AREAS RISK COMMUNITY BASED OUT PATIENT CLINICS (CBOC'S) ANY WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENTS OR TYPE C ASSEMBLIES. INCLUDES, BUT IS NOT LIMITED TO, SANDING OF WALL FOR INCLUDING, BUT NOT LIMITED TO: EMERGENCY DEPT PAINTING OR WALLCOVERING, REMOVAL OF FLOOR COVERINGS, CEILING TILES NURSING UNITS; RADIOLOGY/MRI/CT/ULTRASOUND; NUCLEAR AND CASEWORK, NEW WALL CONSTRUCTION, MINOR DUCTWORK OR ELECTRICAL | HIGH RISK MEDICINE; CAFETERIA/KITCHEN/CANTEEN; LABORATORIES; WORK ABOVE CEILINGS, MAJOR CABLING ACTIVITIES, AND ANY ACTIVITY WHICH RADIATION / ONCOLOGY; DIALYSIS CANNOT BE COMPLETED WITHIN A SINGLE WORK SHIFT. FLOOR COVERING REMOVAL (WITH SANDING OR GRINDING). OR/PACU/ENDOSCOPY **GROUP 4** MAJOR DEMOLITION AND CONSTRUCTION PROJECTS. INCLUDES, BUT IS NOT HIGHEST LIMITED TO, ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTS, REQUIRE STERILE PROCESSING SERVICES (SPS) HEAVY DEMOLITION OR REMOVAL OF A COMPLETE CEILING SYSTEM, FLOORING RISK PHARMACY AND NEW CONSTRUCTION. CATH LAB KEEP AREAS FREE OF DEBRIS, TRASH EXECUTE WORK TO MINIMIZE OF DUST MIGRATION (E.G. WET MOPPING, HEPA VACUUM) IMMEDIATELY REPLACE ANY CEILING TILE DISPLACED FOR VISUAL INSPECTION (INVOLVING MINOR DEMOLITION IN MAINTENANCE OR REMODELING.) SAME AS CLASS I PLUS: ESTABLISH MATERIAL AND DEBRIS ROUTE USING NON-PATIENT/VISITOR PATHWAY WATER MIST WORK SURFACE TO CONTROL DUST WHILE CUTTING OR DRILLING. BLOCK OFF AND SEAL AIR VENTS SEAL UNUSED DOORS WITH PLASTIC SHEATHING AND DUCT TAPE. CREATE BARRIERS AS DEFINED BY INFECTION PREVENTION CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINER; TAPE COVERING UNLESS SOLID LID. WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREA. PLACE STICKY MAT AT ALL WORK AREA ENTRANCES AND EXITS. REMOVE OR ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA SAME AS CLASS I AND II PLUS: ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA TO PREVENT DUCT SYSTEM CONTAMINATION COMPLETE CRITICAL BARRIERS (I.E. SHEETROCK, PLYWOOD, PLASTIC) AT ALL CONSTRUCTION ENTRIES AND EXITS; MONITOR FOR SEAL AND TAKE IMMEDIATE CORRECTIVE MAINTAIN AND MONITOR NEGATIVE AIR PRESSURE WITHIN CONSTRUCTION SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS. REMOVE OR ISOLATE HVAC SYSTEMS IN AREA WHERE WORK IS BEING PERFORMED. CHECK AND REPLACE AIR FILTERS AS NEEDED REGULARLY DO NOT REMOVE BARRIERS FROM WORK SITE UNTIL PROJECT IS COMPLETE & HAS BEEN THOROUGHLY CLEANED; REMOVE BARRIERS CAREFULLY TO MINIMIZE SPREADING VACUUM WORK WITH HEPA FILTERED VACUUM. WET MOP AREA WITH CLEANER/DISINFECTANT. MITIGATE VIBRATION AND NOISE TO LOWEST IMPACT WHERE POSSIBLE. DISPLAY ICRA AT SITE SEAL HOLES, PIPES, CONDUITS AND PUNCTURES. SAME AS CLASS I, II AND III PLUS: INSPECT ADJACENT AREAS FOR DUST MIGRATION: TAKE IMMEDIATE CORRECTIVE AS NEEDED USE HEPA VACUUM IN AREA PRIOR TO START OF CONSTRUCTION CONSTRUCT ANTE ROOM; ALL PERSONNEL MUST ENTER THROUGH IT TO BE VACUUMED USING HEPA VACUUM BEFORE LEAVING OR TO DON/DOFF PPE





**ROOF BELOW** LIMITS OF CONSTRUCTION PROVIDE 1 HOUR FIRE RATED ICRA/CONSTRUCTION BARRIERS AND MODIFY SPRINKLER HEADS TO BE UPTURNED AND EXTENDED TO 18" OF STRUCTURE. PHASE 2 ELEVATOR B FOURTH FLOOR ICRA, CONSTRUCTION BARRIER & PHASING PLAN - BUILDING 5

INFECTION CONTROL & CONSTRUCTION BARRIER GENERAL NOTES

- SEE SPEC SECTION 01 35 26 SAFETY REQUIREMENTS FOR ADDITIONAL INFORMATION
- 2. THE INTENT OF INFECTION CONTROL ISOLATION IS TO CONTAIN DUST AND PARTICULATE MATTER TO THE CONSTRUCTION AREA. CONSTRUCTION AREA PERIMETER NEEDS TO BE SEALED COMPLETELY WITH SHEET PLASTIC AS SPECIFIED AND DUCT TAPE DURING OPERATIONS, WHERE PERMITTED BY CLASS. ICRA CONSTRUCTION BARRIER TO BE PROVIDED AS SPECIFIED AND LISTED IN ICRA CLASS.
- 3. PROVIDE NEGATIVE PRESSURE MONITORS DURING CONSTRUCTION OPERATIONS AS SPECIFIED. MONITOR TO MEASURE PRESSURE DIFFERENTIAL BETWEEN
- CONSTRUCTION AREA AND ADJACENT CORRIDOR OR ROOM AS DIRECTED BY VA.

  AS CONSTRUCTION PROGRESSES, FROM TYPE D TO TYPE C AND THEREON,
  PROVIDE A REQUEST VIA "INFECTION CONTROL CONSTRUCTION PERMIT" TO THE VA
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- 5. CONSTRUCT IC (INFECTION CONTROL) CONSTRUCTION BARRIER(S) FROM FLOOR TO DECK/FLOOR ABOVE. EXCEPTION. IF BARRIER IS ADJACENT TO SMOKE, FIRE, OR EXISTING WALL CONSTRUCTION WHICH WILL NOT BE DEMOLISHED AND TERMINATES TO FLOOR/DECK ABOVE, THEN CONSTRUCT DUST PROOF IC BARRIER, SEE DETAIL(S). TAPE, MUD, SAND JOINTS AND PAINT ON NON-CONSTRUCTION SIDE OF
- 6. CONTROL BARRIERS ARE TO BE INSTALLED AND REMOVED ONLY BEFORE 7:00 A.M. AND AFTER 8:00 P.M.
- 7. DURING CONSTRUCTION OPERATIONS IN EACH ENCLOSED AREA PROVIDE NEGATIVE PRESSURE MONITORS, MINIMUM (1) ONE IN AREAS LESS THAN 1000 SF, (2) TWO MINIMUM IN AREAS BETWEEN 1000 SF AND 5000 SF, AND (3) THREE FOR AREAS BETWEEN 5000 SF AND 10000 SF.
- LIFE SAFETY EGRESS IS TO BE MAINTAINED AT ALL TIMES.
- 9. THE CONTRACTOR SHALL PROVIDE ENOUGH NEGATIVE AIR MACHINES TO COMPLETELY EXCHANGE THE REGULATED AREA AIR VOLUME (4) FOUR ACTUAL TIMES PER HOUR. THE COMPETENT PERSON SHALL DETERMINE THE NUMBER OF UNITS NEEDED FOR EACH REGULATED AREA BY DIVIDING THE CUBIC FEET IN THE REGULATED AREA BY (15) FIFTEEN AND THEN DIVIDING THAT RESULT BY THE ACTUAL CUBIC FEET PER MINUTE (CFM) FOR EACH UNIT TO DETERMINE THE NUMBER OF UNITS NEEDED TO EFFECT (4) FOUR AIR CHANGES PER HOUR. PROVIDE A STANDBY UNIT IN THE EVENT OF MACHINE FAILURE AND/OR EMERGENCY IN AN ADJACENT AREA.
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## CONSTRUCTION PHASING GENERAL NOTES

FOR ALL PHASES OF THE WORK.

SUBSEQUENT PHASE WHERE REQUIRED.

SYSTEMS SERVING THESE AREAS.

PHASING DESCRIPTION.

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WORK UNDER THIS CONTRACT, OR OTHER CONTRACTS ON THE PROJECT SITE OR

- THE GENERAL CONTRACTOR SHALL PERFORM THE WORK IN EACH PHASE IN THE SEQUENCE SHOWN ON THE PHASING PLAN DRAWING(S) AND CONSTRUCTION
- 6. THE GENERAL CONTRACTOR MUST COMPLETE ALL WORK IN EACH PHASE WITH THE VA INSPECTING AND ACCEPTING THE WORK PRIOR TO VA OCCUPANCY AND THE CONTRACTOR PROCEEDING TO THE NEXT SCHEDULED PHASE. UPON COMPLETION OF A PARTICULAR PHASE, THE ENTIRE AREA COVERED BY THAT PHASE CAN BE OCCUPIED BY THE VA PERSONNEL WITH ALL SYSTEMS FUNCTIONING PROPERLY.
- BEFORE COMMENCING WORK ON EACH SUCCESSIVE PHASE, THE GENERAL CONTRACTOR SHALL SUBMIT AN UPDATED COPY OF THE SCHEDULE.
- ANY DUST PARTITIONS CONSTRUCTED BY THE CONTRACTOR PRIOR TO THE START
  OF DEMOLITION MUST REMAIN IN PLACE UNTIL THE COMPLETION OF THAT PHASE OR
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- 12. THE CONTRACTOR DURING CONSTRUCTION SHALL MAINTAIN REQUIRED MEANS OF EGRESS THROUGHOUT ALL PHASING.
- THE CONTRACTOR SHALL PLAN FOR A MINIMUM OF 4 WEEKS' TIME BETWEEN PHASES TO ALLOW THE VA TO OCCUPY THE NEWLY ACCEPTED SPACE AND VACATE THE FOLLOW-ON PHASES. THE VA WILL ACCELERATE THIS TIME WHEN POSSIBLE AND WILL NOTIFY THE CONTRACTOR IF THIS OCCURS.

#### CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) MECHANICAL SPACES: AREAS NOT DIRECTLY ADJACENT TO PATIENT INSPECTIONS AND NON-INVASIVE ACTIVITIES. INCLUDES, BUT NOT LIMITED TO, REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 CARE, INCLUDING INTERSTITIAL SPACES. SQUARE FEET, PAINTING BUT NOT SANDING WALL COVERING, ELECTRICAL TRIM ENGINEERING OR EMS OFFICE/WORK AREAS TYPE A WORK, MINOR PLUMBING, AND ACTIVITIES WHICH DO NOT GENERATE DUST OR OFFICE AREAS: AREAS NOT ATTACHED TO/ADJOINING PATIENT CARE REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL AREAS, NOT USED FOR PATIENT INTERVIEWS, EVALUATIONS OR PUBLIC CORRIDORS: SPACES NOT ON OR DIRECTLY ATTACHED TO SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST. PATIENT UNITS OR TREATMENT LOCATIONS. INCLUDES, BUT IS NOT LIMITED TO, INSTALLATION OF TELEPHONE AND COMPUTER CABLING, ACCESS TO CHASE SPACES, CUFFING OF WALLS OR **GROUP 2** CEILING WHERE DUST MIGRATION CAN BE CONTROLLED. FLOOR COVERING PRIMARY CARE OR SPECIALTY CARE CLINIC AREAS BEHAVIORAL/MENTAL HEALTH AREAS **MEDIUM** REMOVAL (WITHOUT SANDING OR GRINDING). EXTENDED CARE / REHAB CLINIC AREAS RISK COMMUNITY BASED OUT PATIENT CLINICS (CBOC'S) ANY WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENTS OR ASSEMBLIES. INCLUDES, BUT IS NOT LIMITED TO, SANDING OF WALL FOR TYPE C PAINTING OR WALLCOVERING, REMOVAL OF FLOOR COVERINGS, CEILING TILES GROUP 3 INCLUDING, BUT NOT LIMITED TO: EMERGENCY DEPT.; NURSING UNITS; RADIOLOGY/MRI/CT/ULTRASOUND; NUCLEAR AND CASEWORK, NEW WALL CONSTRUCTION, MINOR DUCTWORK OR ELECTRICAL | HIGH RISK MEDICINE; CAFETERIA/KITCHEN/CANTEEN; LABORATORIES; WORK ABOVE CEILINGS, MAJOR CABLING ACTIVITIES, AND ANY ACTIVITY WHICH RADIATION / ONCOLOGY; DIALYSIS CANNOT BE COMPLETED WITHIN A SINGLE WORK SHIFT. FLOOR COVERING REMOVAL (WITH SANDING OR GRINDING). OR/PACU/ENDOSCOPY MAJOR DEMOLITION AND CONSTRUCTION PROJECTS. INCLUDES, BUT IS NOT LIMITED TO, ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTS, REQUIRE STERILE PROCESSING SERVICES (SPS) HEAVY DEMOLITION OR REMOVAL OF A COMPLETE CEILING SYSTEM, FLOORING RISK AND NEW CONSTRUCTION. CATH LAB KEEP AREAS FREE OF DEBRIS, TRASH EXECUTE WORK TO MINIMIZE OF DUST MIGRATION (E.G. WET MOPPING, HEPA VACUUM) 3. IMMEDIATELY REPLACE ANY CEILING TILE DISPLACED FOR VISUAL INSPECTION (INVOLVING MINOR DEMOLITION IN MAINTENANCE OR REMODELING.) ESTABLISH MATERIAL AND DEBRIS ROUTE USING NON-PATIENT/VISITOR PATHWAY WATER MIST WORK SURFACE TO CONTROL DUST WHILE CUTTING OR DRILLING. BLOCK OFF AND SEAL AIR VENTS SEAL UNUSED DOORS WITH PLASTIC SHEATHING AND DUCT TAPE CREATE BARRIERS AS DEFINED BY INFECTION PREVENTION CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINER; TAPE COVERING UNLESS SOLID LID. WET MOP AND/OR VACUUM WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREA. PLACE STICKY MAT AT ALL WORK AREA ENTRANCES AND EXITS. REMOVE OR ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA ISOLATE HVAC SYSTEM IN CONSTRUCTION AREA TO PREVENT DUCT SYSTEM CONTAMINATION COMPLETE CRITICAL BARRIERS (I.E. SHEETROCK, PLYWOOD, PLASTIC) AT ALL CONSTRUCTION ENTRIES AND EXITS; MONITOR FOR SEAL AND TAKE IMMEDIATE CORRECTIVE MAINTAIN AND MONITOR NEGATIVE AIR PRESSURE WITHIN CONSTRUCTION SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS. REMOVE OR ISOLATE HVAC SYSTEMS IN AREA WHERE WORK IS BEING PERFORMED. CHECK AND REPLACE AIR FILTERS AS NEEDED REGULARLY DO NOT REMOVE BARRIERS FROM WORK SITE UNTIL PROJECT IS COMPLETE & HAS BEEN THOROUGHLY CLEANED; REMOVE BARRIERS CAREFULLY TO MINIMIZE SPREADING VACUUM WORK WITH HEPA FILTERED VACUUM. WET MOP AREA WITH CLEANER/DISINFECTANT. MITIGATE VIBRATION AND NOISE TO LOWEST IMPACT WHERE POSSIBLE DISPLAY ICRA AT SITE SEAL HOLES, PIPES, CONDUITS AND PUNCTURES. SAME AS CLASS I, II AND III PLUS: INSPECT ADJACENT AREAS FOR DUST MIGRATION; TAKE IMMEDIATE CORRECTIVE AS NEEDED USE HEPA VACUUM IN AREA PRIOR TO START OF CONSTRUCTION CONSTRUCT ANTE ROOM; ALL PERSONNEL MUST ENTER THROUGH IT TO BE VACUUMED USING HEPA VACUUM BEFORE LEAVING OR TO DON/DOFF PPE

## INFECTION CONTROL RISK ASSESSMENT (ICRA) BY PROJECT AREA USE AND PHASE

PHASE 1:
CONSTRUCTION PROJECT ACTIVITY TYPE - C
INFECTION CONTROL RISK GROUP - GROUP 2: MEDIUM RISK

PHASE 2:
CONSTRUCTION PROJECT ACTIVITY TYPE - C
INFECTION CONTROL RISK GROUP - GROUP 3: HIGH RISK
CONTROL PROCEDURE CLASS - III

CONTROL PROCEDURE CLASS - III

|                            | CONSULTANT  | ARCHITECT/ENGINEER OF RECORD STAME   | Office of                                    | FOURTH & FIFTH LEVEL ICRA,                       | Phase CONSTRUCTION | Project Title RENOVATE OLD CHAPEL | Project Number 438-19-301 |
|----------------------------|---|--|--|--|--------------------|-----------------------------------|---------------------------|
|                            |   | ANDERSON   | Construction and Facilities                  | CONSTRUCTION BARRIER & PHASING PLAN - BUILDING 5 | DOCUMENTS          |                                   | Building Number 1 & 5     |
|                            | FARRIS ENGINEERING OMAHA   LINCOLN   COLORADO SPRINGS   SIDNEY farris-usa.com |  | Management                                   | Approved:  | FULLY              | Sioux Falls, SD                   | GC141-05                  |
| Revisions: Date:           |   | 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # 15522  License # | U.S. Department of Veterans  # 9335  Affairs | t Approved.                                      | SPRINKLERED        | Issue Date 05/15/2020 Checked GJB |                           |
| VA FORM 08 - 6231 <b>1</b> | 3   | 4 5  | 6  | 7  | 8                  | 9                                 | 10                        |

PROVIDE 1 HOUR FIRE RATED ICRA/CONSTRUCTION

BARRIERS AND MODIFY SPRINKLER HEADS TO BE

UPTURNED AND EXTENDED TO 18" OF STRUCTURE.

LOUNGE 507

OFFICE 504

FIFTH FLOOR ICRA, CONSTRUCTION BARRIER & PHASING PLAN - BUILDING 5

6/24/2020 3:16:3

E

**J** arbari@ae-mn.com.rvt

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