PROJECT NO.: 568A-21-702

CONTRACT NO.: 36C776210069

100% CONSTRUCTION DOCUMENTS

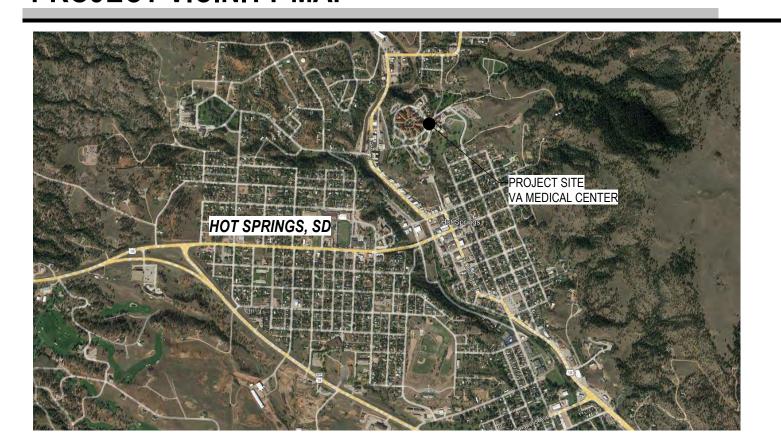
BLACK HILLS HEALTH CARE SYSTEM, HOT SPRINGS CAMPUS 500 N. 5TH ST. HOT SPRINGS, SD 57747

VOLUME 1

STRUCTURAL

ARCHITECTURAL

PROJECT VICINITY MAP



MAXIMUM

MFR MANUFACTURER

MISC MISCELLANEOUS

MANHOLE

MASONRY OPENING

MECH MECHANIC(AL)

MEZZ MEZZANINE

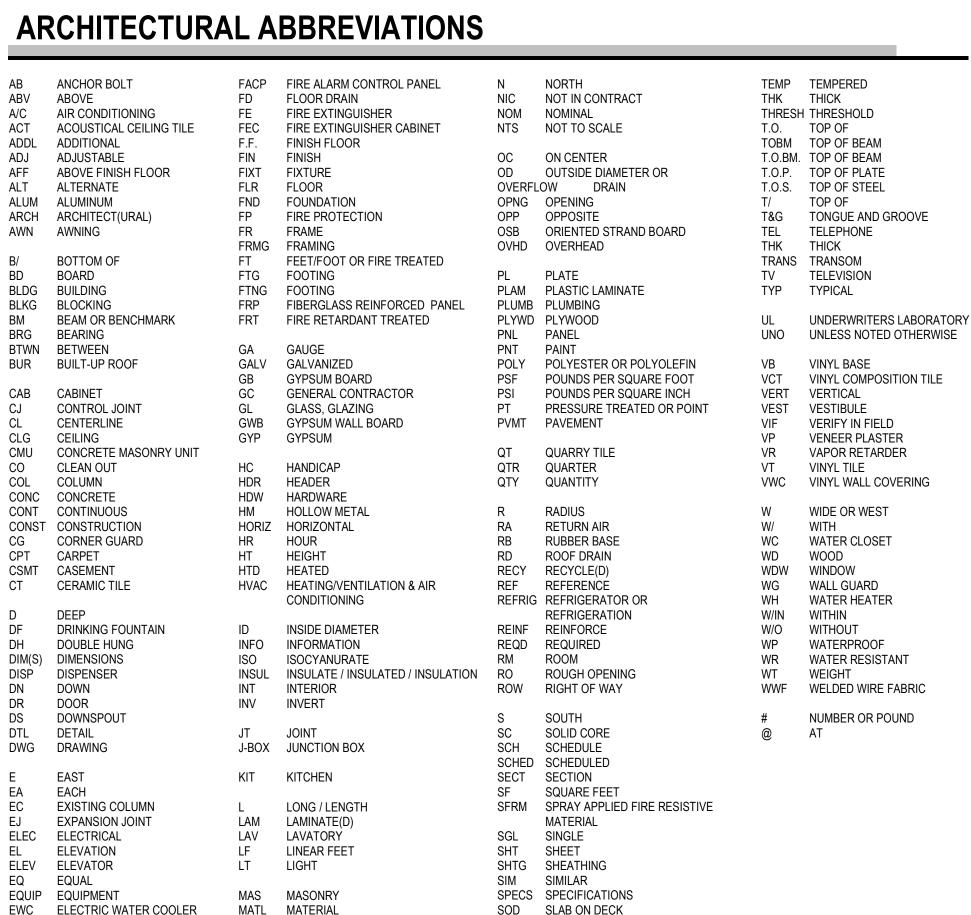
MTL METAL

FXH FXHAUST

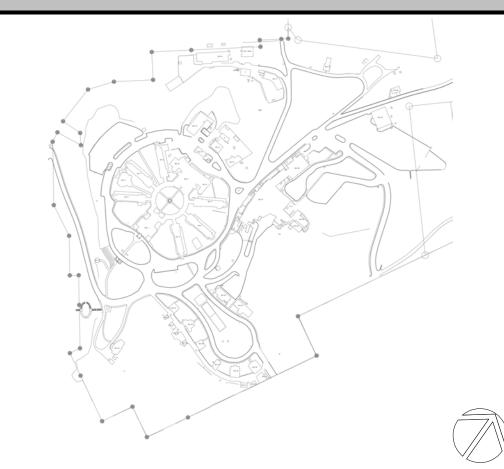
EXIST EXISTING

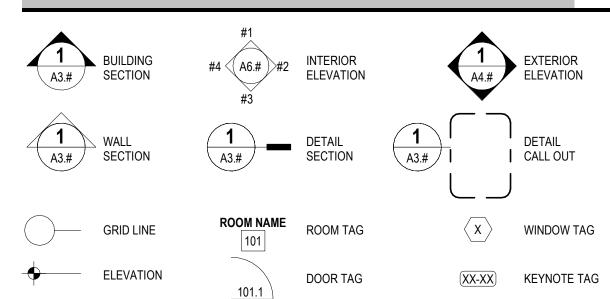
EXT EXTERIOR

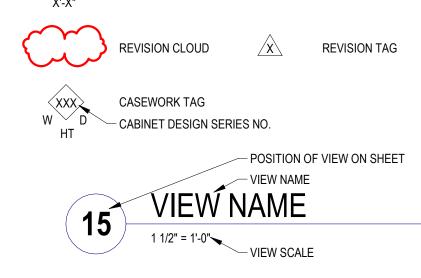
VA FORM 08 - 6231

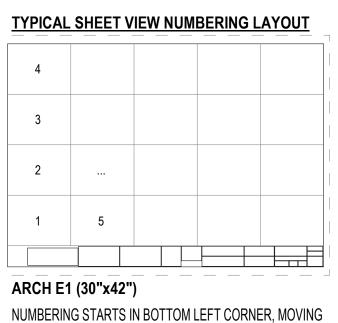


SITE LEGEND









PROJECT TRUE **EXPLANATION OF SYMBOLS** NORTH NORTH X MATERIAL TAG VIEW REFERENCE $\langle XXX \rangle$ ASSEMBLY TAG

GENERAL PROJECT NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE START OF THE WORK. NOTIFY THE COR OF ANY SIGNIFICANT CHANGES IN DIMENSIONS OR CONDITIONS
- THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, TOOLS, EQUIPMENT AND NECESSARY FACILITIES, AND PERFORM ALL LABOR AND SERVICES OF
- CERTIFICATES, INSPECTIONS, DEPARTMENT APPROVAL, ETC. FOR WORK PERFORMED UNDER THIS CONTRACT. PROVIDE COPIES OF ALL REQUIRED
- AND SUPPLEMENTARY CONDITIONS OF THE CONTRACT
- TRADES. MEANS AND METHODS OF CONSTRUCTION. SAFETY AND SECURITY ON SITE.
- CUTTING AND PATCHING SHALL BE PERFORMED BY EACH TRADE AS NECESSARY FOR THE PERFORMANCE AND INSTALLATION OF THE WORK. CUTTING
- PROTECT EXISTING PROPERTY DURING CONSTRUCTION. REPAIR OR REPLACE, WITHOUT ADDITIONAL CHARGE TO THE OWNER, ANY EXISTING WORK DAMAGED DURING THE COURSE OF CONSTRUCTION
- CONSTRUCTION ACTIVITY.
- 14. UNLESS ITEMS OF MATERIAL, EQUIPMENT OR WORK ARE SPECIFICALLY NOTED TO BE PROVIDED OR FURNISHED BY OTHERS, THEY SHALL BE PROVIDED UNDER THIS CONTRACT.
- 15. ALL WORK SHALL BE PERFORMED BY SKILLED WORKERS IN A WORKMANLIKE AND PROFESSIONAL MANNER CONSISTENT WITH INDUSTRY STANDARDS.
- CHARGE, REPLACE ANY WORK, MATERIALS, OR EQUIPMENT FURNISHED AND INSTALLED UNDER THE CONTRACT WHICH DEVELOPS DEFECTS, EXCEPT FROM ORDINARY WEAR AND TEAR. WITHIN ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.
- 17. CONTRACTOR SHALL SCHEDULE, COORDINATE, AND FACILITATE ALL POWER OUTAGES AND SHUTDOWNS. POWER OUTAGES AND SHUTDOWNS MUST BE SCHEDULED WITH THE COR ONE (1) WEEK PRIOR TO OUTAGE.
- FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO REGULATED MATERIALS ARCHITECTURAL. STRUCTURAL. MECHANICAL ELECTRICAL, PLUMBING, EQUIPMENT, AND ALL OTHER EXISTING SYSTEMS. MAKE NECESSARY PROVISIONS TO MAINTAIN THE INTEGRITY OF SAID SYSTEMS PRIOR TO THE COMMENCEMENT OF DEMOLITION, IF ANY. SEE MECHANICAL, ELECTRICAL, TELECOMMUNICATIONS, AND ARCHITECTURAL DRAWINGS FOR ANY SYSTEM OR PORTIONS THEREOF TO BE REMOVED. RELOCATED. REVISED OR ABANDONED.
- ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED AT NO EXPENSE TO THE OWNER OR ARCHITECT / ENGINEER OF RECORD (EOR).
- 20. ALL REQUIRED EXITS FROM OCCUPIED PORTIONS OF THE BUILDING MUST BE MAINTAINED AT ALL TIMES. ESTABLISH PROCEDURES TO MINIMIZE CIRCULATION OF CONSTRUCTION PERSONNEL AND MATERIALS THROUGH OCCUPIED PORTIONS OF THE BUILDING. KEEP ALL AREAS ADJACENT TO THE WORK AREA CLEAN.
- PRIOR TO DELIVERY OF MATERIALS TO THE CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM THE SITE, VERIFY WITH THE COR FOR AN ACCEPTABLE ACCESS ROUTE AND TIME. UNDER NO CIRCUMSTANCES SHALL ANY AREA OUTSIDE THE CONSTRUCTION ZONE BE USED WITHOUT PRIOR APPROVAL FROM THE COR. ALL BUILDING INTERIOR STAGING AREAS SHALL BE PROTECTED WITH FIRE RESISTANT PLYWOOD ENCLOSURES. ALL TRASH SHALL BE REMOVED FROM THE BUILDING DAILY. CONSTRUCTION MATERIALS SHALL NOT BE STORED IN CORRIDORS AT ANY TIME.
- FIELD VERIFY ALL EXISTING DIMENSIONS, SERVICES, AND POINTS OF CONNECTION PRIOR TO START OF WORK.
- THE DESIGN ADEQUACY, SAFETY, AND ERECTION OF BRACING, SHORING, SCAFFOLDING, AND TEMPORARY SUPPORTS AND RESTRAINS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 24. NOTIFY THE FACILITY OF TIMES WHEN THE CONSTRUCTION NOISE WILL BE EXCESSIVE. RESCHEDULE SUCH WORK IF SO REQUIRED BY THE FACILITY
- 25. NOTIFY THE COR OF ANY DISCREPANCIES DISCOVERED IN THE FIELD THAT REQUIRE CORRECTIVE ACTION.
- FOR EXISTING FLOORS, CEILINGS, PARTITIONS, AND SERVICES TO REMAIN, PROTECT ALL FINISHES AND MATERIALS, AND REPAIR OR REPLACE ALL ITEMS THAT ARE DAMAGED OR SOILED DURING THE COURSE OF CONSTRUCTION. ALL FINISHES AND MATERIALS SHALL E PROPERLY INTEGRATED TO NSUTE A UNIFORM APPEARANCE AND SEAMESS TRANSITION.
- 27. ALL ITEMS TO BE REMOVED AND REPLACED SHALL BE HANDLED WITH PROPER CARE AND STORED IN A SAFE PLACE TO PREVENT DAMAGE; WHEN DAMAGED, REPLACE AT NO EXPENSE TO THE OWNER.
- ALL EQUIPMENT AND PIPING SHALL BE SUPPORTED OR BRACED IN ACCORDANCE WITH PROVISIONS OF THE TECHNICAL SPECIFICATIONS.
- 29. ALL DRAWINGS, THOUGH NOTED TO SCALE, ARE FOR ILLUSTRATION ONLY. DO NOT SCALE THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS. ITEMS WRONGLY LOCATED BY DRAWINGS SCALING SHALL BE CORRECTED.
- SIGNAGE CONSTRUCTION, FONT AND SIZE SHALL BE CONSISTENT WITH THE FACILITY'S EXISTING SIGNAGE SYSTEMS. REFER TO SPECIFICATIONS FOR CODE REQUIRED SIGNAGE. PROVIDE ADDITIONAL SIGNAGE AS MAY BE REQUIRED BY REQUEST OF THE FIRE MARSHAL AND/OR BUILDING CODE
- EXERCISE CARE DURING CONSTRUCTION TO MINIMIZE DISRUPTION OF THE MEDICAL CENTER ROUTINE. COORDINATE SEQUENCE OF WORK AND PHASING WITH THE COR TO MINIMIZE DISRUPTION OF THE MEDICAL CENTER. MANY OF THE WORK ITEMS REQUIRE THE WORK TO BE PERFORMED ONLY AT NIGHT. WEEKENDS. OR HOLIDAYS AT NO ADDITIONAL COST TO THE GOVERNMENT.
- PRIOR TO DRILLING OR CORING EXISTING CONCRETE, CONTRACTOR SHALL LOCATE EXISTING REINFORCEMENT TO MAINTAIN ADEQUATE CLEARANCES FROM AND AVOID DAMAGE TO EXISTING REINFORCEMENT. CONTRACTOR SHALL USE NON-DESTRUCTIVE TESTING (NDT) TO LOCATE REINFORCEMENT. WHENEVER FEASIBLE, CONTRACTOR SHALL USE GROUND PENETRATING RADAR (GPR) OR MEANS OTHER THAN X-RAY. WHERE X-RAY IS REQUIRED, CONTRACTOR SHALL PROVIDE WRITTEN REQUEST AT LEAST THREE (3) WEEKS PRIOR TO EVENT: WORK MAY BE REQUIRED TO BE PERFORMED OUTSIDE NORMAL WORK HOURS AND SHALL BE DOCUMENTED ON THE THREE (3) WEEK LOOK-AHEAD SCHEDULE.
- PROTECT EXISTING FIRE SUPPRESSION SYSTEMS DURING CONSTRUCTION.
- IN THE EVENT THE CONTRACTOR DISCOVERS HAZARDOUS MATERIALS WHICH ARE NOT AVOIDABLE BY REROUTING THE WORK AND HAVE NOT BEEN DESCRIBED IN THE CONTRACT. THE CONTRACTOR IS TO NOTIFY THE COR AND THE A/E FOR DIFFERING SITE CONDITION ACKNOWLEDGEMENT. REMEDIATION WOULD BE COMPENSATED BY ADDITIONAL MONEY AND ADDITIONAL TIME FOR CRITICAL PATH ACTIVITIES.
- CONTRACTOR SHALL PROVIDE STAFF THAT WILL UNDERGO TRAINING AND CERTIFICATION TO ALLOW UN-ESCORTED ACCESS TO IT CLOSETS. THE CONTRACTOR SHALL CERTIFY SUFFICIENT NUMBER OF STAFF TO ACCOMMODATE PROPOSED SCHEDULE WITHOUT RELYING ON VA STAFF TO ACCOMPANY AS ESCORTS. THIS WILL REQUIRE PIV BADGING REQUIREMENT INCLUDING BACKGROUND INVESTIGATIONS. SEE "CONTRACTOR BACKGROUND INVESTIGATIONS REQUEST" FORM. COORDINATE WITH CO/CS REGARDING SUBMITTING THE FORM.

PROJECT DESCRIPTION

2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18, 20 23, 29, 43, 53, 65, AND 66.

BASIC DEFINITIONS

"PROJECT": THE TOTAL CONSTRUCTION OF WHICH THE WORK PERFORMED UNDER THE CONTRACT

<u>"DRAWINGS", "SHOP DRAWINGS", OR "PLANS":</u> THE GRAPHIC AND PICTORIAL PORTIONS OF CONTRAC DOCUMENTS, WHENEVER LOCATED AND WHERENEVER ISSUED, SHOWNING DESIGN, LOCATIONAND DIMENSIONS OF THE WORK, GENERALLY INCLUDING PLANS, ELEVATIONS, ASECTIONS, DETAILS,

"PROJECT SUPERVISOR" OR "SUPERVISOR": MEANS THE ON-SITE SUPERVISION REPRESENTATIVE OF THE

<u>"ARCHITECT" OR "ENGINEER":</u> MEANS THE VA'S ARCHITECTS, ENGINEERS AND OTHER DESIGN AND ENGINEERS PROFESSIONALS FOR THIS PROJECT. AND REFERRED THROUGHOUT THE DRAWINGS AS IF

"TRADE CONTRACTOR" OR "CONTRACTOS": MEANS THE ENTITY UNDER CONTRACT AGREEMENT WITH THE GENERAL CONTRACTOR TO PROVIDE THE SPECIFIED GENERAL AND OR SPECIALTY WORK IN

"FURNISHED" OR "FURNISHED": MEANS PROVIDING ALL MATERIALS, SHOP DRAWINGS, TRANSPORTATION INSURANCE, FIELD MEASUREMENTS, EXPEDITING, SHIPPING, HANDLING, PACKAGING, STORAGE, TOUCH-UP MATERIALS, OWNER'S MANUALS, TRAINING AND ANY OTHER ACCESSORIES REQUIRED FOR A COMPLETE

"INSTALL" OR "INSTALLED": MEANS COMPLETING ALL WORK AND COSTS ASSOCIATED WITH UNLOADING, UNPACKING, HOISTING, STORAGE, HANGERS, SUPPORTS, SLEEVES, SCAFFOLDING, COORDINATION, LAYOUT, SHOP DRAWINGS, EXCAVATION, BACKFILL, DEWATERING, INSTALLATION, CUTTING AND PATCHING, FIRESTOPPING, CLENA-UP, INSPECTION, DOCUMENTATION, PROTECTION OF SCOPE OF WORK AND ALL ACCESSORIES, SERVICE AND FACILITIES REQUIRED FOR A COMPLETE INSTALLATION

"PROVIDE" OR "PROVIDED": MEANS TO FURNISH AND INSTALL AND SHALL INCLUDE, WITHOUT LIMITATION ALL LABOR, MATERIALS, EQUIPMENTS, TRANSPORTATION SERVICES, AND OTHER ITEMS REQUIRED TO COMPLETE THE REFERENCED TASK.

"BY OWNER", "BY VAMC" OR "BY VA": MEANS ITEMS WILL BE ORDERED, PAID FOR, SHIPPED TO THE JOB SITE AND INSTALLED BY THE OWNER.

"NOT IN CONTRACT" OR "N.I.C.": MEANS MATERIALS OR EQUIPMENT NOT IN THE CONTRACT, BUT MAY REQUIRE PROVISIONS IN THE CONSTUCTION FOR FUTURE INSALLATION AS SPECIFIFIED OR SHOWN.

OTHER DEFINITIONS OF WORDS AND TERMS USED IN THE DRAWINGS AND SPECIFICATIONS CAN BE FOUND IN THE LEGENDS AND SYSMBOLS DRAWINGS FOR EACH DISCIPLINE AND IN DISION 0 AND 1 OF THE PROJECT MANUAL

PROJECT TEAM

SINGULAR IN NUMBER

OWNER	ENGINEER, PROJECT LEAD
BLACK HILLS VA HEALTHCARE SYSTEM HOT SPRINGS VAMC	GDM - PUGET SOUND DISTRICT OFFICE 1584 McNEIL ST., SUITE 200 DUPONT, WA 98327 541.380.1237
ARCHITECT	MECHANICAL ENGINEER
A&E ARCHITECTS	GDM - PUGET SOUND DISTRICT OFFICE 1584 McNEIL ST., SUITE 200

TELECOMMUNICATIONS

670 W. FIREWEED LN, SUITE 200 ANCHORAGE, ALASKA 99503 907.865.0564

STRUCTURAL KREMER, GHELEN, AND ASSOCIATES 400 COLUMBIA STREET, SUITE 240

VANCOUVER, WA 98660-3413

FIRE PROTECTION ENGINEER

TERP CONSULTING 14241 E 4TH AVAENUE, SUITE 5-230 AURORA, CO 80011 720.779.0797

1000 W STEUBEN ST, UNIT THREE **BINGEN, WA 98605** 541.436.4723

GDM - COLUMBIA GORGE DISTRICT OFFICE

ELECTRICAL ENGINEER

670 W. FIREWEED LN, SUITE 200

CIVIL ENGINEER

ANCHORAGE, ALASKA 99503

907.865.0564

INDUSTRIAL HYGIENE

PROJECT NUMBER

BUILDING NUMBER

DRAWING NUMBER

00-GI-000.1

568A4-21-702

GDM - ARCTIC DISTRICT OFFICE 1401 W 34TH AVE, SUITE 200 ANCHORAGE, ALASKA 99503 907.917.2957

CONSULTANT	
A/E: GDM 1000 W STEUBEN ST. UNIT 3 BINGEN, WA 98605 541.436.4723 ADAM GOODIN, PE	GI
,	

SOG SLAB ON GRADE

STD STANDARD

STND STANDARD

STRUCT STRUCTURAL

STL STEEL

SAME OPPOSITE HAND

STAINLESS STEEL

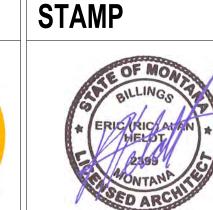
STONE TILE

<u>ARCHITECT</u> A&E DESIGN **124 NORTH 29TH STREET, #100 BILLINGS, MONTANA 59101** 406.248.2633

UPWARDS, SKIPPING NONE

ARCHITECT/ENGINEER OF RECORD

T. MARCELLO PIERROTTET, AIA





	DRAWI
GRAM	CO
RACTING	
TIVITY	
AL (PCAC)	APPRO
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	COVER SHEET VOLUME 1	100% CD FINAL SOLUTION	PROJECT TITLE EHRM INFRAST UPGRADES	RUCTURE	
) t irs	APPROVED: Project Director	FULLY SPRINKLERED	LOCATION HOT SPRINGS ISSUE DATE 02/23/2022	, SOUTH DA	AKOTA DRAWN BY AH

DRAWING INDEX

VA FORM 08 - 6231

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                                                                                                                                                            005-MH-0B1 05-BASEMENT AND SECOND FLOOR HVAC PLANS
STRUCTURAL
                                                                                                                                                                                                                                                                                                                       012-ED-011A ELECTRICAL DEMO -BLDG 12 FIRST FLOOR A ENLARGED
                                                                                                                                                                       06-BASEMENT AND FIRST FLOOR HVAC PLANS
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 1 & 2
                                                                                                                                                                                                                                        TK-136
                                                                               12-AE-602
                                                                                              12-ENLARGED TR ELEVATIONS
                                                                                                                                                                                                                                                                                                                       012-ED-011D ELECTRICAL DEMO -BLDG 12 FIRST FLOOR C/D ENLARGED
           SHEET NAME
                                                                                                                                                                                                                                        TK-137
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 3 & 5
SHEET NO.
                                                                                                                                                            007-MH-011 07-FIRST FLOOR HVAC PLANS
                                                                               12-AE-603
                                                                                              12-ENLARGED TR ELEVATIONS
                                                                                                                                                                                                                                                                                                                       012-ED-021 ELECTRICAL DEMOLITION PLAN -BLDG 12 SECOND FLOOR
                                                                                                                                                                                                                                        TK-138
                                                                                                                                                                                                                                                    NEW PATCH PANEL SCHEDULE -BLDG 6, 7, 8, & 11
00-SN-001
            STRUCTURAL NOTES
                                                                                                                                                            008-MH-011 08-FIRST FLOOR HVAC PLANS
                                                                               14-AE-201
                                                                                              14- FLOOR PLANS
                                                                                                                                                                                                                                                                                                                       012-ED-021D ELECTRICAL DEMO -BLDG 12 SECOND FLOOR C/D ENLARGED
           STRUCTURAL NOTES
                                                                                                                                                                                                                                        TK-139
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 12
00-SN-002
                                                                                                                                                                       10-BASEMENT HVAC PLANS
                                                                                                                                                                                                                                                                                                                       012-ED-031 ELECTRICAL DEMOLITION PLAN -BLDG 12 THIRD FLOOR
                                                                               18-AE-201
                                                                                               18-FLOOR PLANS
01-SF-100
           01- PLANS
                                                                                                                                                                       11-GROUND FLOOR HVAC PLANS
                                                                                                                                                                                                                                        TK-140
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 12
                                                                                                                                                                                                                                                                                                                       012-ED-031B ELECTRICAL DEMO PLAN -BLDG 12 THIRD FLOOR ENLARGED
                                                                               43-AE-201
                                                                                              43 - FIRST FLOOR PLANS
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 12
                                                                                                                                                                                                                                        TK-141
01-SD-100
           DETAILS
                                                                                                                                                                       12-BASEMENT HVAC PLANS - SECTOR A
                                                                                                                                                                                                                                                                                                                       012-ED-041 ELECTRICAL DEMO PLAN -BLDG 12 FOURTH FLOOR
                                                                                                                                                                                                                                        TK-142
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 12
01-SD-101
           DETAILS
                                                                                              53-FLOOR PLANS
                                                                                                                                                                       12-GROUND FLOOR HVAC PLANS - SECTOR A
                                                                               53-AE-201
                                                                                                                                                                                                                                                                                                                       013-ED-011 ELECTRICAL DEMOLITION PLAN -BLDG 13 FIRST FLOOR
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 12
                                                                                                                                                                                                                                        TK-143
01-SD-102
           DETAILS
                                                                                                                                                                       12-GROUND FLOOR HVAC PLANS - SECTOR C/D
                                                                                              ENLARGED FLOOR PLANS & ELEVATIONS
                                                                               53-AE-301
                                                                                                                                                                                                                                                                                                                       014-ED-0G1 ELECTRICAL DEMOLITION PLAN -BLDG 14
                                                                                                                                                                                                                                        TK-144
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 14, 17, 18, 20, 23, 29 & 43
11-SF-100
           11 - PLANS
                                                                                                                                                                       12-FIRST FLOOR HVAC PLANS - SECTOR A
                                                                               65-AE-201
                                                                                              65-FLOOR PLAN
                                                                                                                                                                                                                                                                                                                       017-ED-011 ELECTRICAL DEMOLITION PLAN -BLDG 17 FIRST FLOOR
                                                                                                                                                                                                                                        TK-145
                                                                                                                                                                                                                                                   NEW PATCH PANEL SCHEDULE -BLDG 53, 65 & 66
11-SD-100
           DETAILS
                                                                                                                                                                       12-FIRST FLOOR HVAC PLANS - SECTOR C/D
                                                                                                                                                                                                                                                                                                                       018-ED-011 ELECTRICAL DEMOLITION PLAN -BLDG 18
                                                                               65-AE-301
                                                                                              65-FLOOR PLANS
           66 - PLANS
                                                                                                                                                                                                                                                   TELECOM SITE PLAN
66-SF-100
                                                                                                                                                                       12-SECOND FLOOR HVAC PLANS - SECTOR A
                                                                                                                                                                                                                                                                                                                       020-ED-011 ELECTRICAL DEMOLITION PLAN -BLDG 20
                                                                                                                                                                                                                                                   EXISTING BLOW IN FIBER SITE PLAN
66-SD-100
           DETAILS
                                                                               66-AE-201
                                                                                              66-FLOOR PLAN
                                                                                                                                                                       12-SECOND FLOOR HVAC PLANS - SECTOR C/D
                                                                                                                                                                                                                                                                                                                       023-ED-0B1
                                                                                                                                                                                                                                                                                                                                  ELECTRICAL DEMOLITION PLAN -BLDG 23
                                                                                                                                                                       12-THIRD FLOOR HVAC PLANS - SECTOR C/D
                                                                               66-AE-202
                                                                                              ENLARGED FLOOR PLANS
ARCHITECTURAL - DEMOLITION
                                                                                                                                                                                                                                        SHEET NO.
                                                                                                                                                                                                                                                   SHEET NAME
                                                                                                                                                                                                                                                                                                                                  ELECTRICAL DEMOLITION PLAN -BLDG 29
                                                                                                                                                                       12-FOURTH FLOOR AND ROOF HVAC PLANS - SECTOR C/D
SHEET NO.
            SHEET NAME
                                                                                              66-ELEVATIONS AND SECTION
                                                                               66-AE-401
                                                                                                                                                                                                                                                                                                                       043-ED-011 ELECTRICAL DEMOLITION PLAN -BLDG 43
                                                                                                                                                                       14-GROUND FLOOR HVAC PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 1 BASEMENT
             01-BASEMENT & FIRST FLOOR DEMOLITION PLANS
                                                                               66-AE-501
                                                                                              66-PLAN AND SECTION DETAILS
                                                                                                                                                                                                                                                                                                                       053-ED-0B1
                                                                                                                                                                                                                                                                                                                                  ELECTRICAL DEMOLITION PLAN -BLDG 53
                                                                                                                                                                       18-FIRST FLOOR AND MEZZANINE HVAC PLANS
                                                                                                                                                                                                                                        001-TN-0B1.1 TELECOM DISTANCE ASSESMENT -BLDG 1 BASEMENT
             01-SECOND AND THIRD FLOOR DEMOLITION PLANS
                                                                                                                                                                                                                                                                                                                       065-ED-011 ELECTRICAL DEMOLITION PLAN -BLDG 65
                                                                                              TR ELEVATIONS
                                                                               66-AE-601
                                                                                                                                                                       23-BASEMENT AND FIRST FLOOR HVAC PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 1 FIRST FLOOR
                                                                                                                                                                                                                                                                                                                       065-ED-012 ENLARGED ELECTRICAL DEMOLITION PLAN -ROOM 109
             02-DEMOLITION PLANS
02-AD-201
                                                                                                                                                                       53-FIRST FLOOR AND ROOF HVAC PLANS
                                                                                                                                                                                                                                                    TELECOM REMODEL PLAN -BLDG 1 SECOND FLOOR
                                                                              END OF VOLUME 1
                                                                                                                                                                                                                                                                                                                       065-ED-013 ENLARGED LIGHTING DEMOLITION PLAN -ROOM 109
                                                                                                                                                            065-MH-011 65-FIRST FLOOR HVAC PLANS
             03-DEMOLITION FLOOR PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 1 THIRD FLOOR
                                                                                                                                                            066-MH-011 66-FIRST FLOOR HVAC PLANS
             BUILDING 4 DEMOLITION FLOOR PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 2 SUB-BASEMENT/BASEMENT
                                                                                                                                                                                                                                                                                                                                   POWER ONE-LINE DIAGRAM EMERGENCY BRANCH -DOM
                                                                               VOLUME 2
                                                                                                                                                                                                                                        002-TN-0B1.1 TELECOM DISTANCE ASSESMENT -BLDG 2 BASEMENT
             05-DEMOLITION FLOOR PLANS
                                                                                                                                                            END OF VOLUME 2
                                                                                                                                                                                                                                                                                                                                  POWER ONE-LINE DIAGRAM NORMAL BRANCH -DOM
                                                                                                                                                                                                                                        002-TN-011 TELECOM REMODEL PLAN -BLDG 2 FIRST & SECOND FLOORS
             06-DEMOLITION PLANS
                                                                                                                                                                                                                                                                                                                                  POWER ONE-LINE DIAGRAM -BUILDING 12
                                                                                                                                                                                                                                        002-TN-021.1 TELECOM DISTANCE ASSESMENT -BLDG 2 SECOND FLOOR
                                                                                                                                                                                                                                                                                                                                   POWER ELEVATIONS AND DETAILS
                                                                                                                                                                                                                                                                                                                       EK-104
             07-DEMOLITION FLOOR PLANS
                                                                               SHEET NO. SHEET NAME
                                                                                                                                                                                                                                        003-TN-0B1 TELECOM REMODEL PLAN -BLDG 3 FLOOR LAYOUTS
                                                                                                                                                            VOLUME 3
                                                                                                                                                                                                                                                                                                                       EK-105
                                                                                                                                                                                                                                                                                                                                  BUILDING 1 -PANEL SCHEDULES
             08-DEMOLITION FLOOR PLANS
08-AD-201
                                                                                                                                                                                                                                        003-TN-0B1.1 TELECOM DISTANCE ASSESMENT -BLDG 3 FIRST FLOOR
                                                                                                                                                                                                                                                                                                                       EK-106
                                                                                                                                                                                                                                                                                                                                  BUILDING 1 & 2 -PANEL SCHEDULES
                                                                               00-GI-000.2 COVER SHEET VOLUME 2
                                                                                                                                                             TELECOMMUNICATIONS
                                                                                                                                                                                                                                        005-TN-011 TELECOM REMODEL PLAN -BLDG 5
             DEMOLITION FLOOR PLANS
10-AD-201
                                                                                                                                                                                                                                                                                                                                  BUILDING 2, 3 & 4 -PANEL SCHEDULES
                                                                                          INDEX OF DRAWINGS
                                                                                                                                                                                                                                        005-TN-011.1 TELECOM DISTANCE ASSESMENT -BLDG 5 SECOND FLOOR
11-AD-201
             11-DEMOLITION PLANS
                                                                                                                                                            SHEET NO. SHEET NAME
                                                                                                                                                                                                                                                                                                                                  BUILDING 4 -PANEL SCHEDULES
                                                                                                                                                                                                                                        006-TN-0B1
                                                                                                                                                                                                                                                   TELECOM REMODEL PLANS -BLDG 6
                                                                               HAZARD ABATEMEN
12-AD-201A
             12-DEMOLITION BASEMENT FLOOR ENLARGED PLAN SECTOR A
                                                                                                                                                                                                                                                                                                                       EK-109
                                                                                                                                                                                                                                                                                                                                   BUILDING 6 & 7-PANEL SCHEDULES
                                                                                                                                                                                                                                        006-TN-011.1 TELECOM DISTANCE ASSESMENT -BLDG 6 FIRST FLOOR
                                                                                                                                                            00-GI-000.3
                                                                                                                                                                       COVER SHEET VOLUME 3
                                                                                                                                                                                                                                                                                                                                  BUILDING 8 & 11 -PANEL SCHEDULES
12-AD-201B
             12-DEMOLITION BASEMENT FLOOR ENLARGED PLAN SECTOR D
                                                                               SHEET NO. SHEET NAME
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 7 BASEMENT
                                                                                                                                                                       INDEX OF DRAWINGS
                                                                                                                                                                                                                                                                                                                                   BUILDING 12 -PANEL SCHEDULES
12-AD-202A
             12-DEMOLITION GROUND FLOOR ENLARGED PLAN SECTOR A
                                                                                                                                                                                                                                                   TELECOM DISTANCE ASSESMENT -BLDG 7 FIRST FLOOR
                                                                                                                                                                                                                                        007-TN-011.1
                                                                                                                                                                                                                                                                                                                                   BUILDING 12 -PANEL SCHEDULES
                                                                               00-HA-000.1 GENERAL NOTES & QUANTITIES FOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 8 BASEMENT
             12-DEMOLITION GROUND FLOOR ENLARGED PLAN SECTORS B, C, AND D
                                                                                                                                                            001-TD-0B1
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 1 BASEMENT
                                                                                                                                                                                                                                                                                                                                  BUILDING 12 -PANEL SCHEDULES
                                                                               000-HA-0B1 00-BASEMENT & FIRST FLOOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                                   TELECOM DISTANCE ASSESMENT -BLDG 8 FIRST & SECOND FLOOR
12-AD-203
             12-DEMOLITION FIRST FLOOR ENLARGED PLAN SECTOR A
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 1 FIRST FLOOR
                                                                                                                                                                                                                                                                                                                       EK-114
                                                                                                                                                                                                                                                                                                                                   BUILDING 14, 17 & 18 -PANEL SCHEDULES
                                                                               001-HA-0B1 01-BASEMENT HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        008-TN-011.1 TELECOM DISTANCE ASSESMENT -BLDG 8
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 1 SECOND FLOOR
12-AD-204
             12-DEMOLITION SECOND FLOOR ENLARGED PLAN SECTOR A
                                                                                                                                                                                                                                                                                                                                   BUILDING 18, 20 & 23 -PANEL SCHEDULES
                                                                                          01-FIRST FLOOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 9
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 1 THIRD FLOOR
                                                                                                                                                                                                                                                                                                                                   BUILDING 29 & 43 -PANEL SCHEDULES
             12-DEMOLITION THIRD FLOOR ENLARGED PLAN SECTORS B, C, AND D
12-AD-205D
                                                                                          01-SECOND FLOOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        010-TN-001
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 10
                                                                                                                                                                       TELECOM DEMO PLAN -BLDG 2 SUB-BASEMENT/BASEMENT
                                                                                                                                                                                                                                                                                                                                  BUILDING 53 -PANEL SCHEDULES
                                                                                          01-THIRD FLOOR HAZARDS ABATEMENT PLANS
             12-DEMOLTION FOURTH FLOOR ENLARGED PLAN SECTOR D
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 11
                                                                                                                                                                                                                                        011-TN-0B1
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 2 FIRST & SECOND FLOORS
                                                                                                                                                                                                                                                                                                                                  BUILDING 65 & 66 -PANEL SCHEDULES
                                                                                          02-BASEMENT & SUB-BASEMENT HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        011-TN-0B1.1 TELECOM DISTANCE ASSESMENT -BLDG 11 BASEMENT
14-AD-201
             14- DEMOLITION FLOOR PLANS
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 3 FLOOR LAYOUTS
                                                                                                                                                                                                                                                                                                                                   ELECTRICAL LOAD CALCULATIONS
                                                                                          02-FIRST & SECOND FLOOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-0B1A TELECOM REMODEL PLAN -BLDG 12 BASEMENT A ENLARGED
             53-DEMOLITION FLOOR PLANS
53-AD-201
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 5
                                                                                                                                                                                                                                                                                                                                   ELECTRICAL LEGEND AND NEW LIGHT FIXTURE SCHEDULE
                                                                                          03-BUILDING 03 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-0B1C TELECOM REMODEL PLAN -BLDG 12 BASEMENT C/D ENLARGED
                                                                                                                                                                       TELECOM DEMOLITION PLANS -BLDG 6
65-AD-201
             65-DEMOLITION PLAN
                                                                                          04-BUILDING 04 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-001A TELECOM REMODEL PLAN -BLDG 12 GROUND A ENLARGED
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 6 FIRST FLOOR
                                                                                                                                                                                                                                                                                                                                  ELECTRICAL REMODEL PLAN -ARCADE
             66-FIRST FLOOR DEMOLITION PLAN
                                                                                          05-BUILDING 05 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-001B TELECOM REMODEL PLAN -BLDG 12 GROUND B ENLARGED
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 7
                                                                                                                                                                                                                                                                                                                                  ELECTRICAL REMODEL PLAN -BLDG 1 BASEMENT
                                                                                          06-BUILDING 06 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-001C TELECOM REMODEL PLAN -BLDG 12 GROUND C/D ENLARGED
                                                                                                                                                                       ENLARGED TELECOM DEMOLITION PLAN -BLDG 7
                                                                                                                                                                                                                                                                                                                                  ELECTRICAL REMODEL PLAN -BLDG 1 FIRST FLOOR
                                                                                          07-BUILDING 07 HAZARDS ABATEMENT PLANS
ARCHITECTURAL - NEW CONSTRUCTION
                                                                                                                                                                                                                                        012-TJ-011A TELECOM REMODEL PLAN -BLDG 12 FIRST FLOOR A ENLARGED
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 8 BASEMENT
                                                                                                                                                                                                                                                                                                                       001-EP-021 ELECTRICAL REMODEL PLAN -BLDG 1 SECOND FLOOR
                                                                                          08-BUILDING 08 HAZARDS ABATEMENT PLANS
SHEET NO.
               SHEET NAME
                                                                                                                                                                                                                                        012-TJ-011B TELECOM REMODEL PLAN -BLDG 12 FIRST FLOOR B ENLARGED
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 8 FIRST & SECOND FLOOR
                                                                                                                                                                                                                                                                                                                                  ELECTRICAL REMODEL PLAN -BLDG 1 THIRD FLOOR
                                                                                          09-BUILDING 09 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-011C TELECOM REMODEL PLAN -BLDG 12 FIRST FLOOR C/D ENLARGED
              00-DOM-FLOOR PLANS
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 9
                                                                                                                                                                                                                                                                                                                        002-EP-0B1 ELECTRICAL REMODEL PLAN -BLDG 2 BASEMENT
                                                                                          10-BUILDING 10 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-021A TELECOM REMODEL PLAN -BLDG 12 SECOND FLOOR A ENLARGED
01-AE-101
               01-BASEMENT & FIRST FLOOR LIFE SAFETY PLAN
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 10
                                                                                                                                                                                                                                                                                                                       002-EP-021 ELECTRICAL REMODEL PLAN -BLDG 2 SECOND FLOOR
                                                                               011-HA-0B1
                                                                                           11-BUILDING 11 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-021B TELECOM REMODEL PLAN -BLDG 12 SECOND FLOOR B ENLARGED
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 11
                                                                                                                                                                                                                                                                                                                       003-EP-0B1 ELECTRICAL REMODEL PLAN -BLDG 3
01-AE-102
               01-SECOND & THIRD FLOOR LIFE SAFETY PLANS
                                                                               012-HA-0BA 12-BASEMENT HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-021C TELECOM REMODEL PLAN -BLDG 12 SECOND FLR C/D ENLARGED
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 12 BASEMENT
                                                                                                                                                                                                                                                                                                                       004-EP-0B1 ELECTRICAL REMODEL PLAN -BLDG 4 LAYOUTS
01-AE-200
               01-BASEMENT FLOOR PLAN
                                                                                          12-BASEMENT SECTOR D HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TJ-031B TELECOM REMODEL PLAN -BLDG 12 THIRD FLOOR B ENLARGED
                                                                                                                                                            012-TD-0B1A TELECOM DEMO -BLDG 12 BASEMENT A ENLARGED
                                                                                                                                                                                                                                                                                                                       004-EP-0B2 ELECTRICAL REMODEL PLAN -BLDG 4 ENLARGED PLANS
                                                                               012-HA-0GA 12-GROUND FLOOR SECTOR A HAZARDS ABATEMENT PLANS
01-AE-201
               01-FIRST FLOOR PLAN
                                                                                                                                                                                                                                        012-TJ-031C TELECOM REMODEL PLAN -BLDG 12 THIRD FLOOR C/D ENLARGED
                                                                                                                                                            012-TD-0B1C FILE A TELECOM DEMO -BLDG 12 BASEMENT C/D ENLARGED
                                                                                                                                                                                                                                                                                                                       005-EP-021 ELECTRICAL REMODEL PLAN -BLDG 5 SECOND FLOOR
                                                                               012-HA-0GB 01-BASEMENT & FIRST FLOOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-0B1 TELECOM REMODEL PLAN -BLDG 12 BASEMENT
01-AE-202
               01-SECOND FLOOR PLAN
                                                                                                                                                            012-TD-001 TELECOM DEMOLITION PLAN -BLDG 12 GROUND
                                                                                                                                                                                                                                                                                                                       006-EP-011 ELECTRICAL REMODEL PLAN -BLDG 6 FIRST FLOOR
                                                                               012-HA-0GCD 12-GROUND FLOOR SECTORS C&D HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-0B1.1 TELECOM DISTANCE ASSESMENT -BLDG 12 BASEMENT
                                                                                                                                                            012-TD-001A TELECOM DEMO PLAN -BLDG 12 GROUND A ENLARGED
01-AE-203
               01-THIRD FLOOR PLAN
                                                                                                                                                                                                                                                                                                                       007-EP-011 ELECTRICAL REMODEL PLAN -BLDG 7 FIRST FLOOR
                                                                               012-HA-01A 12-FIRST FLOOR SECTOR A HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-001 TELECOM REMODEL PLAN -BLDG 12 GROUND
                                                                                                                                                            012-TD-001B TELECOM DEMO PLAN -BLDG 12 GROUND B ENLARGED
                                                                                                                                                                                                                                                                                                                       008-EP-011 ELECTRICAL REMODEL PLAN -BLDG 8 FIRST FLOOR
01-AE-204
               01-ROOF PLAN AND ROOF DETAILS
                                                                               012-HA-01B 12-FIRST FLOOR SECTOR B HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-001.1 TELECOM DISTANCE ASSESSMENT -BLDG 12 GND FLR
                                                                                                                                                            012-TD-001C TELECOM DEMO PLAN-BLDG 12 GROUND C/D ENLARGED
                                                                                                                                                                                                                                                                                                                       010-EP-0B1 BUILDING 10 ELECTRICAL PLANS
                                                                               012-HA-01CD 12-FIRST FLOOR SECTORS C&D HAZARDS ABATEMENT PLANS
01-AE-205
               01-SLAB EDGE PLANS
                                                                                                                                                                                                                                        012-TN-001.2 TELECOM DISTANCE ASSESSMENT -BLDG 12 GND FLR
                                                                                                                                                            012-TD-011 TELECOM DEMOLITION PLAN -BLDG 12 FIRST FLOOR
                                                                                                                                                                                                                                                                                                                       011-EP-0B1 ELECTRICAL REMODEL PLAN -BLDG 1
                                                                               012-HA-02A 12-SECOND FLOOR SECTOR A HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-001.3 TELECOM DISTANCE ASSESSMENT -BLDG 12 GND FLR
01-AE-401
               01-OVERALL ELEVATIONS
                                                                                                                                                            012-TD-011A TELECOM DEMO PLAN -BLDG 12 FIRST FLOOR A ENLARGED
                                                                                                                                                                                                                                                                                                                       012-EP-0B1 ELECTRICAL REMODEL PLAN -BLDG 12 BASEMENT
                                                                               012-HA-02B 12-SECOND FLOOR SECTOR B HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-011 TELECOM REMODEL PLAN -BLDG 12 FIRST FLOOR
01-AE-402
               01-ENLARGED ELEVATIONS
                                                                                                                                                            012-TD-011B TELECOM DEMO PLAN -BLDG 12 FIRST FLOOR B ENLARGED
                                                                                                                                                                                                                                                                                                                       012-EP-0B1A ELECTRICAL REMOD -BLDG 12 BASEMENT A ENLARGED
                                                                               012-HA-02CD 12-SECOND FLOOR SECTORS C&D HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-011.1 TELECOM DISTANCE ASSESSMENT -BLDG 12 1ST FLR
                                                                                                                                                            012-TD-011C TELECOM DEMO PLAN -BLDG 12 FIRST FLOOR C/D ENLARGED
01-AE-501
               01-WALL SECTIONS
                                                                                                                                                                                                                                                                                                                       012-EP-0B1D ELECTRICAL REMODEL -BLDG 12 BASEMENT C/D
                                                                                              12-THIRD FLOOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-011.2 TELECOM DISTANCE ASSESSMENT -BLDG 12 1ST FLR
                                                                                                                                                            012-TD-021 TELECOM DEMOLITION PLAN -BLDG 12 SECOND FLOOR
                                                                                                                                                                                                                                                                                                                       012-EP-001 ELECTRICAL REMODEL PLAN -BLDG 12 GROUND FLOOR
01-AE-502
               01-WALL SECTIONS
                                                                                          12-FOURTH FLOOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-021 TELECOM REMODEL PLAN -BLDG 12 SECOND FLOOR
                                                                                                                                                            012-TD-021A TELECOM DEMO PLAN -BLDG 12 SECOND FLOOR A ENLARGED
                                                                                                                                                                                                                                                                                                                       012-EP-001A ELECTRICAL REMOD -BLDG 12 GROUND FLOOR A ENLARGED
                                                                                          13-BUILDING 13 HAZARDS ABATEMENT PLANS
01-AE-503
               01-SECTION DETAILS
                                                                                                                                                                                                                                        012-TN-021.1 TELECOM DISTANCE ASSESSMENT -BLDG 12 2ND FLR
                                                                                                                                                            012-TD-021B TELECOM DEMO PLAN -BLDG 12 SECOND FLOOR B ENLARGED
                                                                                                                                                                                                                                                                                                                       012-EP-001B ELECTRICAL REMOD -BLDG 12 GROUND FLOOR B ENLARGED
                                                                                          14-BUILDING 14 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-031
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 12 THIRD FLOOR
01-AE-504
               01-SECTION DETAILS
                                                                                                                                                            012-TD-021C TELECOM DEMO PLAN -BLDG 12 SECOND FLOOR C/D ENLARGED
                                                                                                                                                                                                                                                                                                                       012-EP-001D ELECTRICAL REMOD -BLDG 12 GROUND FLOOR C/D ENLARGED
                                                                                          14-BUILDING 14 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-031.1 TELECOM DISTANCE ASSESSMENT -BLDG 12 3RD FLF
01-AE-505
               01-PLAN DETAILS
                                                                                                                                                            012-TD-031 TELECOM DEMOLITION PLAN -BLDG 12 THIRD FLOOR
                                                                                                                                                                                                                                                                                                                       012-EP-011 ELECTRICAL REMODEL PLAN -BLDG 12 FIRST FLOOR
                                                                                          01-BASEMENT & FIRST FLOOR HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 12 FOURTH FLOOR
               01-TR ELEVATIONS
                                                                                                                                                            012-TD-031B TELECOM DEMO PLAN -BLDG 12 THIRD FLOOR B ENLARGED
                                                                                                                                                                                                                                                                                                                       012-EP-011A ELECTRICAL REMOD -BLDG 12 FIRST FLOOR A ENLARGED
01-AE-601
                                                                                          20-BUILDING 20 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        012-TN-041.1 TELECOM DISTANCE ASSESSMENT -BLDG 12 4TH FLR
                                                                                                                                                            012-TD-031C TELECOM DEMO PLAN -BLDG 12 THIRD FLOOR C/D ENLARGED
                                                                                                                                                                                                                                                                                                                       012-EP-011D ELECTRICAL REMOD -BLDG 12 FIRST FLOOR C/D ENLARGED
01-AE-602
               01-TR ELEVATIONS
                                                                                          23-BUILDING 23 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 13 FIRST FLOOR
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 12 FOURTH FLOOR
                                                                                                                                                                                                                                                                                                                       012-EP-021 ELECTRICAL REMODEL PLAN -BLDG 12 SECOND FLOOR
                                                                               029-HA-0B1
                                                                                          29-BUILDING 29 HAZARDS ABATEMENT PLANS
01-AE-801
               01-STAIR SECTIONS
                                                                                                                                                                                                                                        014-TN-0G1
                                                                                                                                                                                                                                                  TELECOM REMODEL PLAN -BLDG 14
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 13 FIRST FLOOR
                                                                                                                                                                                                                                                                                                                       012-EP-021D ELECTRICAL REMOD -BLDG 12 SECOND FLOOR C/D ENLARGED
                                                                               043-HA-011 43-BUILDING 43 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        014-TN-0G1.1 TELECOM DISTANCE ASSESMENT -BLDG 14 FIRST FLOOR
01-AE-802
               01-STAIR DETAILS
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 14
                                                                                                                                                                                                                                                                                                                       012-EP-031 ELECTRICAL REMODEL PLAN -BLDG 12 THIRD FLOOR
                                                                                          53-BUILDING 53 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                                  TELECOM REMODEL PLAN -BLDG 17 FIRST FLOOR
02-AE-200
               02-FLOOR PLANS
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 17 FIRST FLOOR
                                                                                                                                                                                                                                                                                                                       012-EP-031B ELECTRICAL REMOD -BLDG 12 THIRD FLOOR B ENLARGED
                                                                                          65-BUILDING 65 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        017-TN-011.1 TELECOM DISTANCE ASSESMENT -BLDG 17 FIRST FLOOR
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 18
                                                                                                                                                                                                                                                                                                                       012-EP-041 ELECTRICAL REMODEL PLAN -BLDG 12 FOURTH FLOOR
02-AE-601
               02-ENLARGED TR PLANS & INTERIOR ELEVATIONS
                                                                               066-HA-011 66-BUILDING 66 HAZARDS ABATEMENT PLANS
                                                                                                                                                                                                                                        018-TN-011 TELECOM REMODEL PLAN -BLDG 18
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 20
                                                                                                                                                                                                                                                                                                                       014-EP-0G1 ELECTRICAL REMODEL PLAN -BLDG 14
03-AE-201
               03-BASEMENT, FIRST, AND SECOND FLOOR PLANS
                                                                                                                                                                                                                                        018-TN-011.1 TELECOM DISTANCE ASSESMENT -BLDG 18
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 23
                                                                               MECHANICAL
                                                                                                                                                                                                                                                                                                                       017-EP-011 ELECTRICAL REMODEL PLAN -BLDG 17 FIRST FLOOR
                                                                                                                                                                                                                                        020-TN-011 TELECOM REMODEL PLAN -BLDG 20
03-AE-202
               03-TR PLANS AND ELEVATIONS
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 29
                                                                                                                                                                                                                                                                                                                       018-EP-011 ELECTRICAL REMODEL PLAN -BLDG 18
                                                                               SHEET NO. SHEET NAME
                                                                                                                                                                                                                                        020-TN-011.1 TELECOM DISTANCE ASSESMENT -BLDG 20
04-AE-200
               04-BASEMENT, FIRST, & SECOND FLOOR PLANS
                                                                                                                                                            043-TD-011
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 43
                                                                                                                                                                                                                                                                                                                       020-EP-011 ELECTRICAL REMODEL PLAN -BLDG 20
                                                                                                                                                                                                                                        023-TN-0B1 TELECOM REMODEL PLAN -BLDG 23
               05-BASEMENT, FIRST, & SECOND FLOOR PLANS
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 53
05-AE-201
                                                                                                                                                                                                                                                                                                                       023-EP-0B1 ELECTRICAL REMODEL PLAN -BLDG 23
                                                                                          MECHANICAL GENERAL INFORMATION
                                                                                                                                                                                                                                        023-TN-0B1.1 TELECOM DISTANCE ASSESSMENT -BLDG 23
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 65
                                                                                                                                                                                                                                                                                                                       029-EP-0B1 ELECTRICAL REMODEL PLAN -BLDG 29
05-AE-601
               05-ENLARGED TR & ELEVATIONS
                                                                                          MECHANICAL SITE PLAN
                                                                                                                                                                                                                                        029-TN-0B1
                                                                                                                                                                                                                                                  TELECOM REMODEL PLAN -BLDG 29
                                                                                                                                                                       ENLARGED TELECOM DEMOLITION PLAN -ROOM 109
                                                                                                                                                                                                                                                                                                                       043-EP-011 ELECTRICAL REMODEL PLAN -BLDG 43
                                                                               MK-003
                                                                                          DETAILS
06-AE-200
               06-BASEMENT, FIRST, & SECOND FLOOR PLANS
                                                                                                                                                                                                                                        029-TN-0B1.1 TELECOM DIST ASSESSMENT-BLDG 29 BASEMENT
                                                                                                                                                                       TELECOM DEMOLITION PLAN -BLDG 66
                                                                                                                                                                                                                                                                                                                       053-EP-0B1 ELECTRICAL REMODEL PLAN -BLDG 53
                                                                                          MECHANICAL SCHEDULES
                                                                                                                                                                                                                                        043-TN-011
                                                                                                                                                                                                                                                  TELECOM REMODEL PLAN -BLDG 43
06-AE-601
               ENLARGED TR PLANS & ELEVATIONS
                                                                                                                                                                                                                                                                                                                       065-EP-011 ELECTRICAL REMODEL PLAN -BLDG 65
                                                                               MK-005
                                                                                          MECHANICAL CONTROLS INFORMATION
                                                                                                                                                            SHEET NO. SHEET NAME
                                                                                                                                                                                                                                        043-TN-011.1 TELECOM DISTANCE ASSESSMENT -BLDG 43
               07-BASEMENT, FIRST, & SECOND FLOOR PLANS
07-AE-200
                                                                                                                                                                                                                                                                                                                       065-EP-012 ENLARGED ELECTRICAL REMODEL PLAN -ROOM 109
                                                                                          01-BASEMENT HVAC DEMOLITION PLANS
                                                                                                                                                                                                                                                   TELECOM REMODEL PLAN -BLDG 53
                                                                                                                                                                                                                                                                                                                       065-EP-012.1 VA MCR POWER DETAILS
07-AE-201
               07- ENLARGED TR PLANS & ELEVATIONS
                                                                               001-MD-011 01-FIRST FLOOR HVAC DEMOLITION PLANS
                                                                                                                                                                        GENERAL TELECOM NOTES
                                                                                                                                                                                                                                        053-TN-021.1 TELECOM DISTANCE ASSESSMENT -BLDG 53
                                                                                                                                                                                                                                                                                                                        065-EP-013 ENLARGED LIGHTING REMODEL PLAN -ROOM 109
08-AE-200
                08-BASEMENT, FIRST, AND SECOND FLOOR PLANS
                                                                               001-MD-021 01-SECOND FLOOR HVAC DEMOLITION PLANS
                                                                                                                                                                       TELEPHONE BACKBONE CABLING PLAN
                                                                                                                                                                                                                                        065-TN-011 TELECOM REMODEL PLAN -BLDG 65
                                                                                                                                                                                                                                                                                                                       066-EP-011 ELECTRICAL REMODEL PLAN -BLDG 66
                                                                               001-MD-031 01-THIRD FLOOR HVAC DEMOLITION PLANS
08-AE-201
               08-ENLARGED TR PLANS AND INTERIOR ELEVATIONS
                                                                                                                                                                         TELECOM SCHEDULES
                                                                                                                                                                                                                                        065-TN-011.1 TELECOM DISTANCE ASSESSMENT -BLDG 65
                                                                               002-MD-0B1 02-BASEMENT HVAC DEMOLITION PLANS
                                                                                                                                                             TK-103
                                                                                                                                                                        VOICE GATEWAY 1 SCHEDULE
                                                                                                                                                                                                                                        065-TN-012 ENLARGED TELECOM REMODEL PLAN -ROOM 109
09-AE-201
               09-FLOOR & ROOF PLANS
                                                                                                                                                                                                                                                                                                                       END OF VOLUME 4
                                                                               003-MD-011 03-FIRST FLOOR HVAC DEMOLITION PLANS
                                                                                                                                                            TK-104
                                                                                                                                                                        VOICE GATEWAY 2 SCHEDULE
                                                                                                                                                                                                                                        065-TN-012.1 VA MCR DETAILS
10-AE-200
               10-FLOOR PLANS
                                                                               004-MD-0B1 04-HVAC DEMOLITION FLOOR PLANS
                                                                                                                                                                                                                                        065-TN-012.2 VA MCR DETAILS
                                                                                                                                                            TK-105
                                                                                                                                                                        VOICE GATEWAY 3 SCHEDULE
               11-GROUND, FIRST, AND SECOND FLOOR PLANS
11-AE-200
                                                                               004-MD-0B2 04-ENLARGED HVAC DEMOLITION PLANS
                                                                                                                                                                        TELECOM DUCTBANK AND MAN HOLE ONE LINE
                                                                                                                                                                                                                                        065-TN-012.3 VA MCR DETAILS
11-AE-301
               11-ENLARGED PLANS & INT ELEVATIONS
                                                                               005-MD-021 05-SECOND FLOOR HVAC DEMOLITION PLANS
                                                                                                                                                                        DUCT BANK SCHEDULE
                                                                                                                                                             TK-107
                                                                                                                                                                                                                                        066-TN-011 TELECOM REMODEL PLAN -BLDG 66
                                                                               006-MD-011 06-FIRST FLOOR HVAC DEMOLITION PLANS
11-AE-501
               11-EXTERIOR SECTIONS AND ELEVATIONS
                                                                                                                                                                        PATCH PANEL SCHEDULES
                                                                                                                                                                                                                                        066-TN-011.1 TELECOM DISTANCE ASSESMENT -BLDG 66
                                                                                                                                                                                                                                      DRAWING TITLE
                                                                                                                                                                                                                                                                                                   PHASE
                                                                                                                                                                                                                                                                                                                                               PROJECT TITLE
                                                                                                                                                                                                                                                                                                                                                                                              PROJECT NUMBER
                                                     CONSULTANT
                                                                                                                                                                             STAMP
                                                                                                                 ARCHITECT/ENGINEER OF RECORD
                                                                                                                                                                                                               PROGRAM
                                                                                                                                                                                                                                                                                                                                                                                                 568A4-21-702
                                                                                                                                                                                                                                                                                                                                                EHRM INFRASTRUCTURE
                                                                                                                                                                                                                                        INDEX OF DRAWINGS
                                                                                                                                                                                                                                                                                                    100% CD FINAL SOLUTION UPGRADES
                                                                                                                                                                                                            CONTRACTING
                                                                                                                 ARCHITECT
                                                      <u>A/E:</u>
                                                                                                                                                                                                                                                                                                                                                                                              BUILDING NUMBER
                                                                                                                  A&E DESIGN
                                                                                                                                                                                                                ACTIVITY
                                                                                                                  124 NORTH 29TH STREET, #100
                                                       1000 W STEUBEN ST. UNIT 3
                                                                                                                                                                                                                                                                                                                                                                                              DRAWING NUMBER
                                                                                                                                                                                                                                       APPROVED: Project Director
                                                                                                                                                                                                                                                                                                                                               LOCATION
                                                                                                                  BILLINGS, MONTANA 59101
                                                      BINGEN, WA 98605
                                                                                                                                                                                                           CENTRAL (PCAC)
                                                                                                                                                                                                                                                                                                                                                 HOT SPRINGS, SOUTH DAKOTA
                                                      541.436.4723
                                                                                                                  406.248.2633
                                                                                                                                                                                                                                                                                                     FULLY SPRINKLERED
                                                                                      RCHITECTS • ENGINEER
                                                                                                                                                                                                                                                                                                                                               ISSUE DATE
                                                                                                                                                                                                                                                                                                                                                                    CHECKED BY DRAWN BY
                                                                                                                                                                                                                                                                                                                                                                                                 00-GI-001
                                                                                                                   T. MARCELLO PIERROTTET, AIA
                                                      ADAM GOODIN, PE
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U.S. Department of Veterans Affairs

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TMP

02/23/2022

2022 NFPA 13, STANDARD FOR THE INSTALL ATION OF SPRINKLER SYSTEMS 2020 NFPA 25, STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER

BASED FIRE PROTECTION SYSTEMS 2020 NFPA 70, NATIONAL ELECTRICAL CODE

2022 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE 2020 NFPA 75, STANDARD FOR THE FIRE PROTECTION OF INFORMATION TECHNOLOGY **EQUIPMENT**

2021 INTERNATIONAL BUILDING CODE (IBC) WHERE NFPA 101 AND ASSOCIATED DOCUMENTS

ARE SILENT 2021 INTERNATIONAL ENERGY CONSERVATION CODE

2021 INTERNATIONAL FIRE CODE (IFC), WHERE NFPA STANDARDS AND CODES ARE SILENT 2021 INTERNATIONAL MECHANICAL CODE (IMC)

2021 INTERNATIONAL FUEL GAS CODE (IFGC)

2021 UNIFORM PLUMBING CODE 2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (ICC/ANSI 117.1)

BUILDING OCCUPANCY DATA

use NFPA OCCUPANCY AND CONSTRUCTION TYPES

ASSEMBLY GROUP A-3 (PER IBC 303.X) - Building(s)

BUSINESS GROUP B (PER IBC 304.1) - Building(s)

FACTORY GROUP F-1 (PER IBC 306.X) - Building(s)

HIGH HAZARD GROUP H (PER IBC 307.X) - Building(s)

INSTITUTIONAL GROUP I-2 (PER IBC 308.X) - Building(s)

RESIDENTIAL GROUP R-X (PER IBC 310.X) - Building(s)

ACCESSIBILITY

SECTION 1103 SCOPING REQUIREMENTS - 1103.1 WHERE REQUIRED

SITES, BUILDINGS, STRUCTURES, FACILITIES, ELEMENTS AND SPACES, TEMPORARY OR PERMANENT, SHALL BE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES.

EXCEPTIONS:

1103.2.3 EMPLOYEE WORK AREAS. SPACES AND ELEMENTS WITHIN EMPLOYEE WORK AREAS SHALL ONLY BE REQUIRED TO

COMPLY WITH SECTION 907.5.2.3.2, 1007, AND 1104.3.1 AND SHALL BE DESIGNED AND CONSTRUCTION SO THAT INDIVIDUALS

WITH DISABILITIES CAN APPROACH, ENTER, AND EXIT THE WORK AREAS.

1103.2.8 LIMITED ACCESS SPACES. NONOCCUPIABLE SPACES ACCESSED ONLY BY LADDERS, CATWALKS, CRAWLSPACES, FREIGHT ELEVATORS OR VERY NARROW PASSAGEWAYS ARE NOT REQUIRED TO BE

ACCESSIBLE.

1103.2.9 EQUIPMENT SPACES. SPACES FREQUENTED ONLY BY PERSONNEL FOR MAINTENANCE, REPAIR OR MONITORING OF EQUIPMENT ARE NOT REQUIRED TO BE ACCESSIBLE.

2203.2.15 WALK IN COOLERS AND FREEZERS. WALK IN COOLERS AND FREEZERS INTENDED FOR EMPLOYEE USE ONLY ARE NOT REQUIRED TO BE ACCESSIBLE.

SECTION 1104 ACCESSIBLE ROUTES - 1104.5 LOCATION. ACCESSIBLE ROUTES SHALL COINCIDE WITH OR BE LOCATED IN THE SAME AREA AS A

GENERAL CIRCULATION PATH. WHERE THE CIRCULATION PATH IS INTERIOR, THE ACCESSIBLE ROUTE SHALL ALSO BE INTERIOR. WHERE ONLY ONE ACCESSIBLE

ROUTE IS PROVIDED, THE ACCESSIBLE ROUTE SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, RESTROOMS.

CLOSETS, OR SIMILAR SPACES.

1105.1 PUBLIC ENTRANCES.

IN ADDITION TO ACCESSIBLE ENTRANCES REQUIRED BY SECTION 1105.1.1 THROUGH 1105.1.6, AT LEAST 60 PERCENT OF ALL

PUBLIC ENTRANCES SHALL BE ACCESSIBLE.

EXCEPTIONS: LOADING AND SERVICE ENTRANCES THAT ARE NOT THE ONLY ENTRANCE TO A TENANT SPACE.

1105.1.6 TENANT SPACES.

AT LEAST ONE ACCESSIBLE ENTRANCE SHALL BE PROVIDED TO EACH TENANT.

SECTION 1106 PARKING AND PASSENGER LOADING FACILITIES - 1106.1 REQUIRED. WHERE PARKING IS PROVIDED, ACCESSIBLE PARKING SPACES SHALL BE PROVIDED IN COMPLIANCE WITH TABLE 1106.1, EXCEPT AS REQUIRED BY SECTION 1106.2 THROUGH 1106.4.

1106.6 LOCATION.

ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE

OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE.

SECTION 1108 SPECIAL OCCUPANCIES - 1108.2 ASSEMBLY AREA SEATING. A BUILDING, ROOM OR SPACE USED FOR ASSEMBLY PURPOSED WITH FIXED SEATING SHALL

COMPLY WITH SECTION 1108.2.1 THROUGH 1108.2.5. PER 1108.2.2.1 GENERAL SEATING. WHEELCHAIR SPACES SHALL BE

PROVIDED IN ACCORDANCE WITH TABLE 1108.2.2.1. SECTION 1110 SIGNAGE - 1110.1 SIGNS.

VA FORM 08 - 6231

REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT THE FOLLOWING LOCATIONS: ACCESSIBLE PARKING SPACES, PASSENGER LOADING ZONES, ROOMS, ENTRANCES, CHECK-OUT AISLES, FAMILY OR ASSISTED-USE TOILET AND BATHING ROOMS, AREAS OF REFUGE, AND EXTERIOR AREAS, IN ADDITIONAL 1110.2 DIRECTIONAL SIGNAGE. DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST LIKE ACCESSIBLE ELEMENT SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS STATED IN 1110.2 AND INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.

1110.4 VARIABLE MESSAGE SIGNS - TRANSPORTATION FACILITIES. WHERE PROVIDED IN TRANSPORTATION FACILITIES, VARIABLE MESSAGE SIGNS CONVEYING TRANSPORTATION-RELATED INFORMATION SHALL COMPLY WITH SECTION 1110.4

ENERGY CODE - BUILDING ENVELOPE

PER 2018 IECC TABLE C402.2:

NORTH DAKOTA - CLIMATE ZONE 06

BUILDING ELEMENT		REQUIRED	PROVIDED
ROOFS	INSULATION ENTIRELY ABOVE DECK	R-30ci	R-30ci (MIN.)
WALLS, ABOVE GRADE	METAL FRAMED	R-13 + R-7.5ci	R-22 + R-7.5ci
WALLS, BELOW GRADE	BELOW- GRADE WALL	R-7.5ci	R-7.5ci
SLAB- ON- GRADE FLOORS	UNHEATED SLABS	R-10 FOR 24" BELOW	R-15 TO T.O. FOUNDATION
	SWINGING	U-0.37	U-0.37
OPAQUE DOORS	ROLL- UP OR SLIDING	R-4.75	R-4.75
FIXED FENESTRATION		U-0.36; SHGC-0.40	U-0.33 MIN; GLAZING SHGC 0.27 MIN
OPERABLE FENESTRATION		U-0.43; SHGC-0.40	N/A
ENTRANCE DOORS		U-0.77; SHGC-0.40	U-0.33 MIN; GLAZING SHGC 0.27 MIN

2018 INTERNATIONAL ENERGY CODE SUMMARIES AND REFERENCE SECTIONS BELOW ARE PROVIDED FOR CONVENIANCE ONLY . IT IS THE CONTRACTORS RESPONSIBILITY TO UNDERSTAND AND MEET THE REQUIREMENTS OF THE 2018 INTERNATIONAL ENERGY CODE

C402.4 AIR LEAKAGE (MANDATORY)

THE THERMAL ENVELOPE OF BUILDINGS SHALL COMPLY WITH SECTIONS C402.4.1 THROUGH C402.4.8

C402.4.1 AIR BARRIERS

A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE

C402.4.1.1 AIR BARRIER CONSTRUCTION 1. THE AIR BARRIER SHALL BE CONTINUOUS FOR ALL ASSEMBLIES THAT ARE

THE THERMAL ENVELOP OF THE BUILDING AND ACROSS THE JOINTS AND ASSEMBLIES.

2.AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED, INCLUDING SEALING TRANSITIONS IN PLACES AND CHANGES IN MATERIALS. 3. RECESSED LIGHTING FIXTURES AND OTHER SIMILAR INSTALLED OBJECTS

WHICH PENETRATE THE AIR BARRIER SHALL COMPLY WITH SECTION C402.4.8 **EXCEPTION:** BUILDINGS THAT COMPLY WITH SECTION C402.4.1.2.3 ARE NOT REQUIRED TO COMPLY WITH ITEMS 1 AND 3

C402.4.1.2.3 BUILDING TEST

THE COMPLETED BUILDING SHALL BE TESTED AND THE AIR LEAKAGE RATE OF THE BUILDING ENVELOPE SHALL NOT EXCEED 0.40 cfm/ft² AT A PRESSURE DIFFERENTIAL OF 0.3 INCHES WATER GAUGE (2.01/s*m² AT 75 Pa) IN ACCORDANCE WITH ASTM E779 OR AN EQUIVALENT METHOD APPROVED BY

C402.4.2 AIR BARRIER PENETRATIONS

THE CODE OFFICIAL.

A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE.

BUILDING 01

GENERAL BUILDING HEIGHTS AND AREAS

INCLUDES ALL CONDITIONED BUILDING AREAS INCLUDING MECHANICAL SHAFTS, ELEVATOR SHAFTS. AND STAIRWELLS

BUILDING FOOTPRINT = 10,600 S.F. GROUND FLOOR = 10,600 SF FIRST FLOOR = 9680 SF SECOND FLOOR = 7300 SF

THIRD FLOOR = 5885 SF TOTAL BUILDING SF = 33,465 SF NFPA 101/5000 AND PER IBC TABLES 504.3,

NUMBER OF TYPE OF BUILDING AREA / ALLOWABLE OCCUPANCY STORIES / CONSTRUCTION HEIGHT/ CLASSIFICATION ALLOWABLE ALLOWABLE 4/4 PER UBC | VA 48.5' / 70' PER 4,000 GSF / 18,000 GSF UBC 504.2

BUILDING CONSTRUCTION

IBC: VA, FULLY SPRINKLERED CONSTRUCTION TYPE:

REQUIRED FIRE RESISTANCE PER TABLE 601:

PRIMARY STRUCTURAL FRAME 1 HR (BEAMS UL DES N759; COLUMNS UL DES X790) **BEARING WALLS EXTERIOR**: 1 HR

1 HR **INTERIOR** NONBEARING WALLS AND PARTITIONS PER TABLE 6002: 0 HR **EXTERIOR:** NONBEARING WALLS AND PARTITIONS:

FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS: 1 HR (UL DES D925) ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS: 1 HR (ROOF DECK: UL DES P719,

SEPARATION DISTANCES PER TABLE 705.5:

FIRE SEPARATION DISTANCE

ROOF BEAMS: UL DES S721)

FIRE DISTANCE OCCUPANCY (B 1- HR 1- HR 5' < X < 10 10 < X < 30 1- HR

BUILDING 02

X > 30

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

0- HR

BUILDING 03

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 04

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 05

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 06

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 07

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 08

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 09

NO ARCHITECTURAL WORK CONDUCTED IN THIS BUILDING, SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXTENT OF WORK

BUILDING 10

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 11

TOTAL BUILDING SF = 9510 SF

GENERAL BUILDING HEIGHTS AND AREAS

INCLUDES ALL CONDITIONED BUILDING AREAS INCLUDING MECHANICAL SHAFTS, ELEVATOR SHAFTS, AND STAIRWELLS GROUND FLOOR 00 = 3995 SF FIRST FLOOR 01 = 3905 SF SECOND LEVEL 02 = 1610 SF

NFPA 101/5000 AND PER IBC TABLES 504.3, 504.4

PRIMARY OCCUPANCY CLASSIFICATION	NUMBER OF STORIES / ALLOWABLE	TYPE OF CONSTRUCTION	BUILDING HEIGHT / ALLOWABLE	AREA / ALLOWABLE
В	4 / 4 PER UBC 504.2	VA		10,674 GSF / 18,000 GSF

BUILDING CONSTRUCTION

CONSTRUCTION TYPE: NFPA: V(111) **IBC:** VA, FULLY SPRINKLERED **REQUIRED FIRE RESISTANCE PER TABLE 601:** PRIMARY STRUCTURAL FRAME: 1 HR (BEAMS UL DES N759; COLUMNS UL DES X790) **BEARING WALLS** EXTERIOR: 1 HR INTERIOR: NONBEARING WALLS AND PARTITIONS PER TABLE 6002: EXTERIOR: NONBEARING WALLS AND PARTITIONS: INTERIOR: FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS: 1 HR (UL DES D925) ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS: 1 HR

SEPARATION DISTANCES PER TABLE 705.5: FIRE SEPARATION DISTANCE

(ROOF DECK: UL DES P719, ROOF BEAMS: UL DES S721)

FIRE DISTANCE OCCUPANCY (B) 1- HR 1- HR 5' < X < 10 1- HR 10 < X < 30 X > 300- HR

BUILDING 12

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 13

NO ARCHITECTURAL WORK CONDUCTED IN THIS BUILDING, SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXTENT OF WORK

BUILDING 14

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 17

NO ARCHITECTURAL WORK CONDUCTED IN THIS BUILDING, SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXTENT OF WORK CABINET REPLACEMENT ONLY

BUILDING 18

NO ARCHITECTURAL WORK CONDUCTED IN THIS BUILDING, SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXTENT OF WORK CABINET REPLACEMENT ONLY

BUILDING 20

NO ARCHITECTURAL WORK CONDUCTED IN THIS BUILDING, SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXTENT OF WORK CABINET REPLACEMENT ONLY

BUILDING 23

NO ARCHITECTURAL WORK CONDUCTED IN THIS BUILDING, SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXTENT OF WORK CABINET REPLACEMENT ONLY

BUILDING 29

NO ARCHITECTURAL WORK CONDUCTED IN THIS BUILDING, SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXTENT OF WORK CABINET REPLACEMENT ONLY

BUILDING 43

NO ARCHITECTURAL WORK CONDUCTED IN THIS BUILDING, SEE ELECTRICAL AND TELECOMMUNICATION DRAWINGS FOR EXTENT OF WORK

BUILDING 53

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 65

INTERIOR REMODEL ONLY, NO EFFECT ON EGRESS OR OCCUPANCY

BUILDING 66

GENERAL BUILDING HEIGHTS AND AREAS

INCLUDES ALL CONDITIONED BUILDING AREAS INCLUDING MECHANICAL SHAFTS, ELEVATOR SHAFTS, AND STAIRWELLS MAIN LEVEL 01 = 4840 SF

TOTAL BUILDING SF = 4840 SF

PER IBC TABLES 504.3, 504.4 TYPE OF BUILDING AREA / PRIMARY NUMBER OF CONSTRUCTION HEIGHT / OCCUPANCY STORIES / ALLOWABLE CLASSIFICATION ALLOWABLE **ALLOWABLE**

VΒ

22'-9" / 60'-0" | 4840 SF / 22,000 SF

BUILDING CONSTRUCTION

1/3

IBC: VB CONSTRUCTION TYPE: NFPA: V(000)

REQUIRED FIRE RESISTANCE PER TABLE 601:

PRIMARY STRUCTURAL FRAME: 0 HR **BEARING WALLS** EXTERIOR: 0 HR INTERIOR

NONBEARING WALLS AND PARTITIONS PER TABLE 6002: EXTERIOR: 0 HR NONBEARING WALLS AND PARTITIONS:

FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS: 0 HR

0- HR

ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS: 0 HR **SEPARATION DISTANCES PER TABLE 705.5:**

FIRE SEPARATION DISTANCE

OCCUPANCY (B) FIRE DISTANCE 1- HR 1- HR 5' < X < 10 10 < X < 30 1- HR

X > 30



CONSULTANT

BINGEN, WA 98605

ADAM GOODIN, PE

541.436.4723

<u>A/E:</u>

ARCHITECT/ENGINEER OF RECORD **ARCHITECT**

A&E DESIGN **124 NORTH 29TH STREET, #100** BILLINGS, MONTANA 59101 T. MARCELLO PIERROTTET, AIA



STAMP

CONTRACTING ACTIVITY CENTRAL (PCAC) U.S. Department of Veterans Affairs

PROGRAM

APPROVED: Project Director **FULLY SPRINKLERED**

DRAWING TITLE PHASE **PROJECT TITLE** PROJECT NUMBER 568A4-21-702 **EHRM INFRASTRUCTURE** 100% CD FINAL SOLUTION UPGRADES **BUILDING NUMBER DRAWING NUMBER** LOCATION HOT SPRINGS, SOUTH DAKOTA **ISSUE DATE** CHECKED BY DRAWN BY 00-GI-002 Checker **Author**

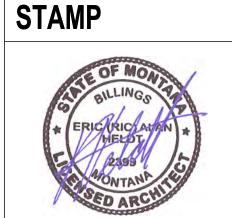
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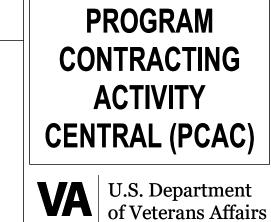
CONSULTANT <u>A/E:</u> **GDM** 1000 W STEUBEN ST. UNIT 3 **BINGEN, WA 98605** 541.436.4723 **ADAM GOODIN, PE**



ARCHITECT/ENGINEER OF RECORD **ARCHITECT A&E DESIGN 124 NORTH 29TH STREET, #100** BILLINGS, MONTANA 59101 406.248.2633 T. MARCELLO PIERROTTET, AIA







FLOOR PLAN NOTES

CONDITIONS.

CONTROL.

CONTINOUSLY.

ENCOUNTERED.

OTHERWISE NOTED.

SUBSTRATE FOR FINISHES.

REFER TO STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED UPON

PROVIDE ALL BACKING FOR MILLWORK, GRAB BARS, AND ANY AND ALL WALL MOUNTED

ALL DIMENSIONS ARE FROM STRUCTURAL OR UNFINISHED FACE OF STUD, UNLESS

PROVIDE A SMOOTH AND LEVEL FINISH FLOOR, TYP. PATCH AND REPAIR ALL

5. PATCH AND REPAIR ANY / ALL WALL SURFACES AS REQUIRED TO PROVIDE SUITABLE

REFER TO DOOR AND FRAME SCHEDULE FOR DOORS REQUIRING ADA ACCESS

PROVIDE ACOUSTICAL SEALANT AROUND WALL EDGES, TOP AND BOTTOM, AND PENETRATIONS, AND INSTALL PUTTY PADS AROUND ELECTRICAL BOXES WHERE

ALL TELECOMMUNICATION ROOMS ARE TO HAVE EXPOSED STRUCTURE UNLESS

PRESSURE INDICATOR MUST BE AT -0.01 OR MORE NEGATIVE PRESSURE (VERIFY

OVERSIGHT TUNED TO THE QUALITY ASSURANCE PLAN WHICH CAPTURED MOST

REMOVAL OF HAZARDOUS MATERIALS FROM THE BUILDING MUST FOLLOW STATE AND

FEDERAL REGULATIONS, AS WELL AS LOCAL LAWS WHEN APPLICABLE. DRAWINGS DIAGRAM THE KNOWN ACM MATERIALS AFFECTED BY THE "WORK" AND THESE

ELECTRICAL, AND TELECOMM DRAWINGS FOR SPECIFIC ROUTING, PENETRATIONS,

ASBESTOS TESTING OF ALL MATERIALS AFFECTED WITHIN PROJECT SCOPE PRIOR TO

SECTION 02 82 11 FOR MATERIAL PRE-TESTED, UANTITIES, AND MECHANICAL DRAWINGS

ASSUMED ROUTE FOR CABLE,

CONDUIT, AND/OR CABLE TRAY

DEMOLITION UNLESS OTHERWISE NOTED IS REQUIRED. REFER TO SPECIFICATION

FOR SPECIFIC PENETRATIONS AND CABLE ROUTING TO DATA PORTS IN EACH ROOM.

AT COMPLETION OF TESTING CONTRACTOR WILL PROVIDE A REPORT WHIC WILL

REFER TO ELECTRICAL SHEETS FOR FIXTURE TYPES, SWITCHING, AND SPECIAL

REFERENCE EXTERIOR FINISH LEGEND FOR EXTERIOR PAINT COLORS; REFERENCE

REFER TO MECHANICAL SHEETS FOR DIFFUSER AND DUCTING LAYOUTS.

FINISH SCHEDULE FOR INTERIOR PAINT COLORS AND FINISH.

INCLDUDE MATERIAL LOCATION, DESCRIPTION, AND QUANTITY.

REFER TO ACM REPORT TO BE PROVIDED BY THE VA

REFLECTED CEILING PLAN NOTES

SYSTEMS.

± 36" PATH

QUANTITIES FORM THE BASE BID OF THE CONTRACT. REFER TO MECHANICAL,

ETC. COORDINATE ALL HAZMAT CONDITIONS WITH ARCHITECTURAL PLANS.

CONTRACTOR SHALL DEVELOPE A DAILY CHECK LIST FOR CONSTRUCTION

REFER TO SPEC SECTION 01 35 26 AND DEMOLITION DRAWINGS FOR ICRA REQUIREMENTS BASED ON DURATION / EXTENT OF WORK AND RISK FACTOR

ERRORS. THIS MAY EVOLVE TO A LIVING DOCUMENT PENDING ISSUES

TWICE A DAY IN WRITTING) - IF NOT, VERIFY ALL OPENINGS (SUCH AS DOORS) ARE CLOSED AND/OR CHANGE OUT NEGATIVE AIR PRE-FILTER. METER MUST READ

OWNER-SUPPLIED DOCUMENTS AND MAY NOT PRECISELY REFLECT FIELD

EQUIPMENT OR ACCESSORIES; COORDINATE LOCATIONS.

INCONSISTENCIES IN FLOOR ELEVATIONS.

PARTITION CONTAINS ACOUSTICAL INSULATION.

NOTED OTHERWISE, NO CEILINGS SPECIFIED.

INFECTION CONTROL NOTES

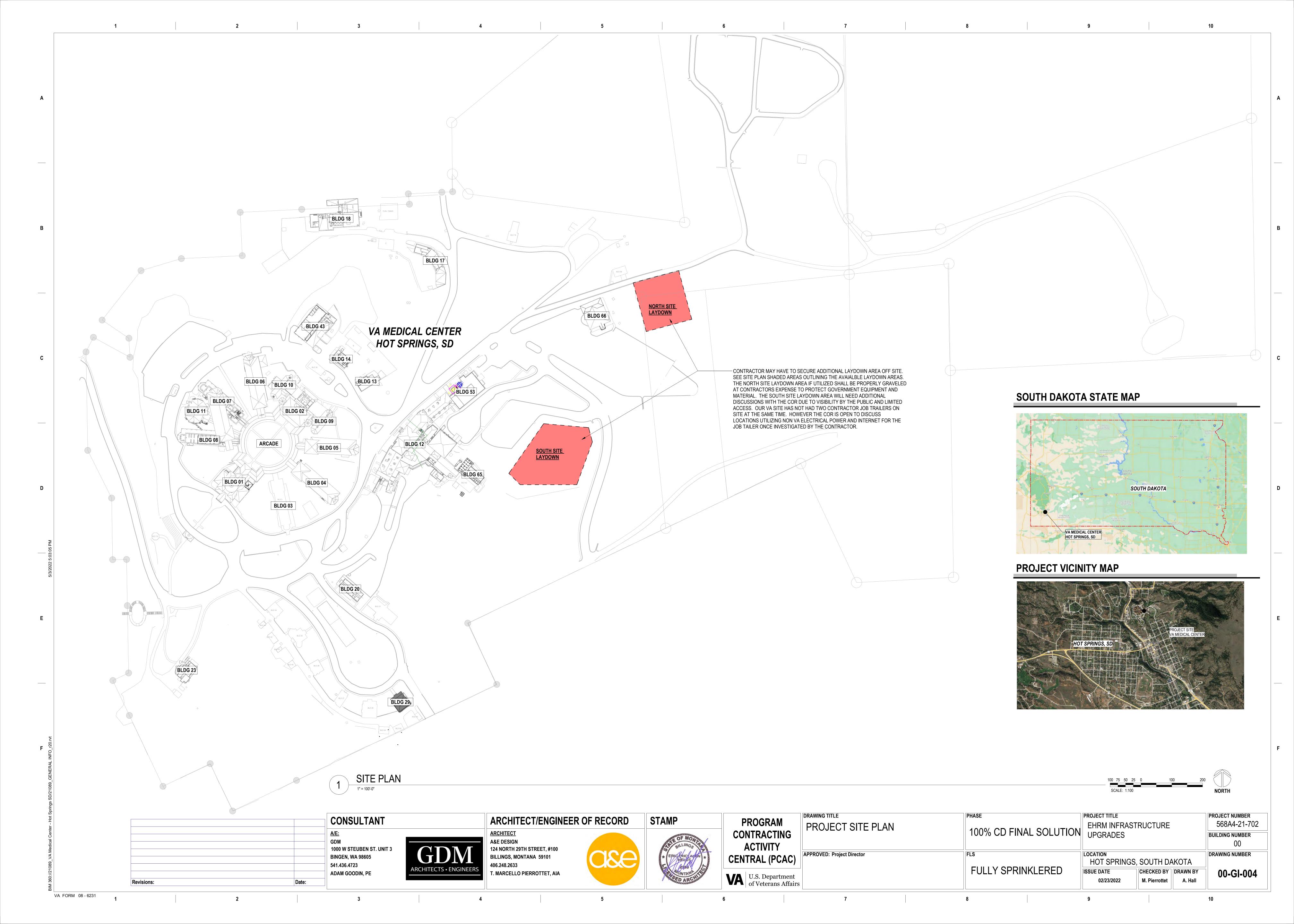
HAZARDOUS MATERIALS NOTES

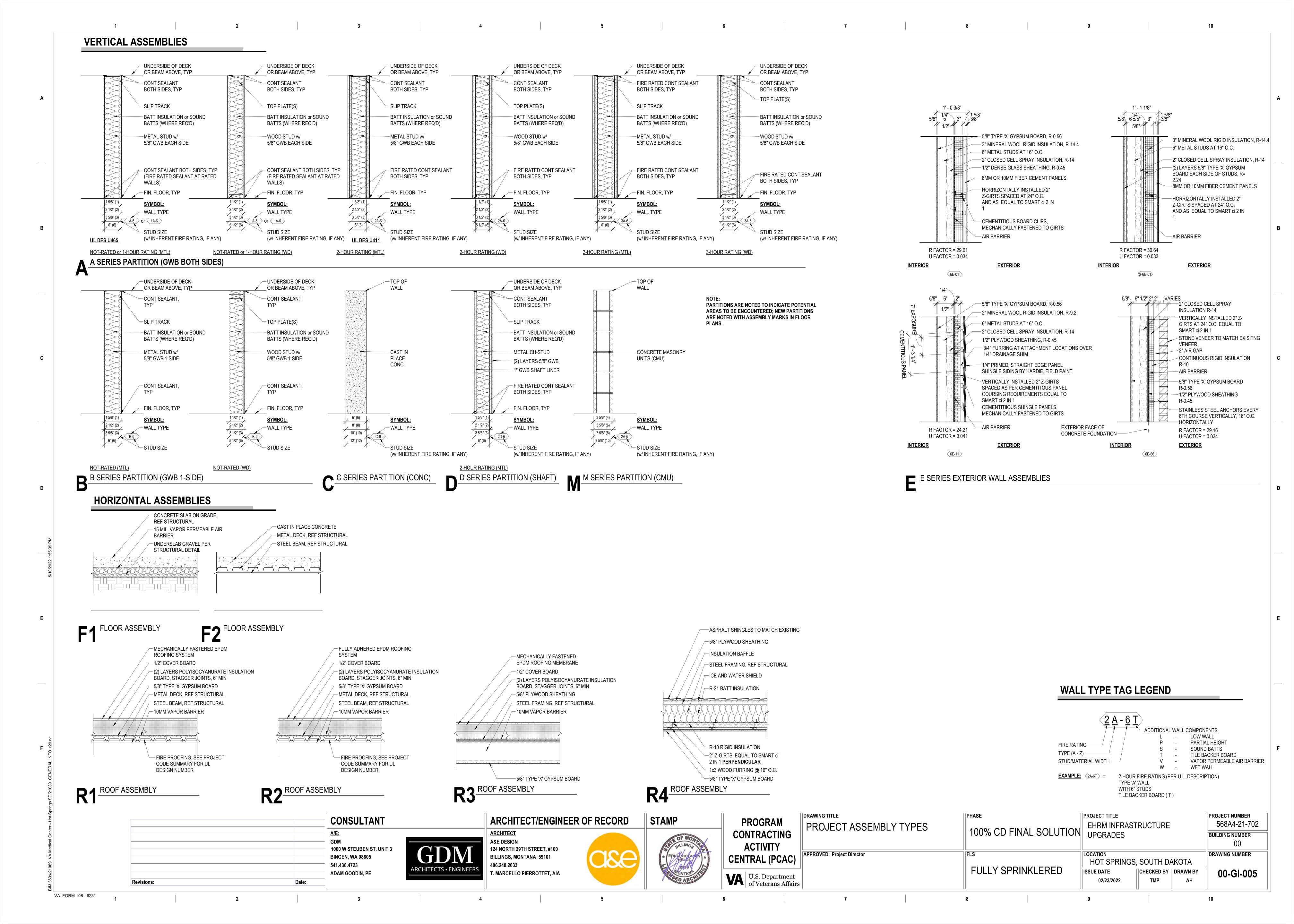
DEMOLITION NOTES

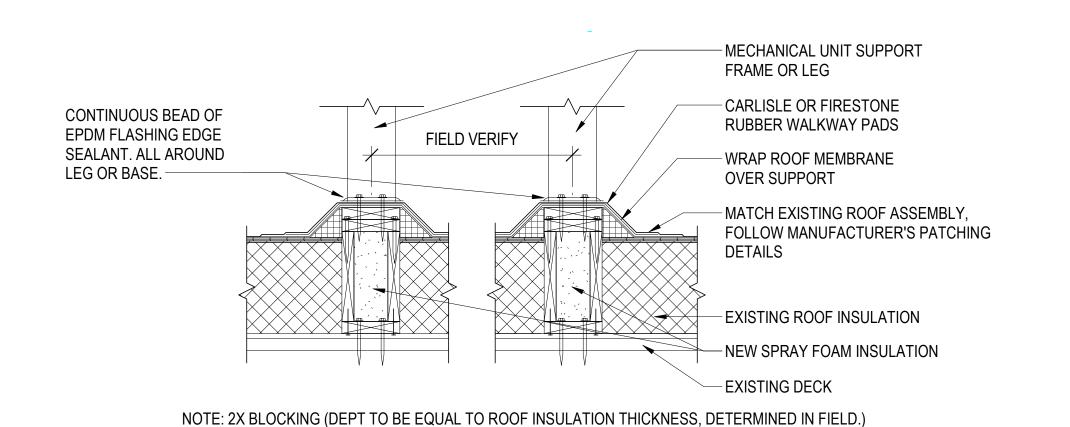
- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF/ HERSELF WITH THE SCOPE OF WORK.
- THE DEMOLITION NOTES PROVIDE A GENERAL DESCRIPTION OF THE ITEMS AND AREAS REQUIRING REMOVAL. THE CONTRACTOR SHALL FIELD VERIFY ACTUAL QUANTITIES AND LOCATIONS OF ALL INDICATED ITEMS AS NECESSARY TO COMPLETE THE SCOPE OF WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- COORDINATE WITH OWNER FOR ANY EQUIPMENT TO BE SALVAGED. UNLESS SPECIFICALLY SCHEDULED FOR REUSE, DEMOLISHED MATERIALS SHALL BECOME THE POSSESSION OF THE CONTRACTOR AND SHALL BE IMMEDIATELY REMOVED FROM THE
- REMOVE MATERIALS FROM SITE AND DISPOSE OF IN A LEGAL MANNER AT NO ADDITIONAL EXPENSE TO OWNER
- DEBRIS FROM THE DEMOLITION SHALL NOT BE ALLOWED TO ACCUMULATE WITHIN THE BUILDING OR ON THE SITE.
- REMOVE FROM SITE ANY CONTAMINATED, VERMIN INFESTED, OR DANGEROUS MATERIALS ENCOUNTERED AND DISPOSE OF BY SAFE MEANS SO AS NOT TO ENDANGER HEALTH OF WORKERS AND PUBLIC.
- BURNING OF MATERIALS ON SITE IS NOT PERMITTED.
- CLEAN-UP: MUST MEET GOVERNING DUST CONTROL CODES.
- NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS.
- PREVENT MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES. PROVIDE BRACING AND SHORING.
- 11. CARRY OUT DEMOLITION WORK TO CAUSE AS LITTLE INCONVENIENCE TO ANY ADJACENT OCCUPIED BUILDING OR SITE AS POSSIBLE AND WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESSES. MAINTAIN PROTECTED EGRESS AND ACCESS AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE TEMPORARY DUST AND CONSTRUCTION SEPARATION WALLS AS REQUIRED TO SHIELD THE PUBLIC FROM NOISE, DUST, WEATHER, AND OTHER HAZARDS THAT MAY BE EXPOSED AS A RESULT OF THE DEMOLITION WORK. SEE SPECIFICATION SECTION 01 35 26 FOR DETAILS AND DEMOLITION DRAWINGS FOR LOCATIONS.
- 13. PERFORM CUTTING OF EXISTING CONCRETE AND MASONRY WITH SAWS AND CORE DRILLS. DO NOT USE JACK-HAMMERS EXCEPT WHERE PERMITTED BY OWNER.
- BREAK CONCRETE AND MASONRY INTO SECTIONS LESS THAN 3 FEET IN ANY DIMENSION.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE EXISTING STRUCTURAL ELEMENTS REMAIN UNDAMAGED THROUGHOUT CONSTRUCTION, UNLESS SPECIFICALLY NOTED ON DEMOLITION PLAN. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY AND PROVIDE ANY SHORING, BRACING, OR TEMPORARY STRUCTURE, AND TO COORDINATE WITH STRUCTURAL ENGINEER AS REQUIRED.
- 16. ALL PUBLIC UTILITIES TO REMAIN IN OPERATION THROUGHOUT CONSTRUCTION. CONTRACTOR TO COORDINATE ANY TEMPORARY SERVICES REQUIRED TO MAINTAIN BUSINESS OPERATIONS.
- 17. SEE ENGINEERING DRAWINGS FOR DUCTWORK, DIFFUSER, PLENUM BOX, ETC. DEMOLITION AND/OR PROTECTION. COORDINATE WITH MECHANICAL ENGINEER.
- 18. FIRE SAFETY MUST BE MAINTAINED FOR ALL PERSONNEL WORKING ON THE FLOOR. ALL FIRE STAIRS, ALARMS, SPEAKERS, ETC. MUST REMAIN ACCESSIBLE AND OPERABLE AT ALL TIMES. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT THIS EQUIPMENT, IMMEDIATELY NOTIFY BUILDING SECURITY AND BUILDING MANAGER OF DAMAGED OR DISABLED SYSTEMS AND REPAIR OR REPLACE DAMAGED SYSTEMS IMMEDIATELY. RELOCATION OF SMOKE DETECTORS, PUBLIC ADDRESS SPEAKERS AND FIRE ALARM EQUIPMENT, NECESSITATED BY NEW CONSTRUCTION, SHALL BE ACCOMPLISHED AS A FIRST PRIORITY, AND PER THE PLANS.
- 19. IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CLARIFY THE POINT IN QUESTION WITH THE OWNER BEFORE PROCEEDING. IMMEDIATELY STOP WORK IF HAZARDOUS MATERIALS ARE FOUND AND CONTACT THE OWNER'S REPRESENTATIVE.
- 20. SEE TELECOMMUNICATION DRAWINGS FOR REMOVAL OF ANY EQUIPMENT, CABLING SWITCHES, AND CONDUIT PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE. VERIFY WITH TELEPHONE COMPANIES, SERVICE OWNER OR TENANT DATA/COMMUNICATIONS REPRESENTATIVE AS REQUIRED TO PREVENT NEW CONSTRUCTION DELAYS.
- PROVIDE FOR FIRE PROOFING REPAIR AS REQUIRED AT STRUCTURAL STEEL, TO THE ORIGINAL RATING WHERE CONSTRUCTION TRADES REMOVE EXISTING FIRE PROOFING. REPAIR ANY DAMAGE OR PENETRATIONS IN RATED ASSEMBLIES TO CONFORM TO THEIR ORIGINAL LISTING REQUIREMENTS AND TO MAINTAIN FIRE PROTECTION AND SEPARATION AS ORIGINALLY DESIGNED.
- 22. AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA(S) SHALL BE LEFT IN "BROOM CLEAN" CONDITION. ALL DEBRIS AND MISCELLANEOUS MATERIAL SHALL BE REMOVED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND/OR REPAIRING ANY DAMAGE CAUSED BY HIM OR HIS SUBCONTRACTORS. REFINISH TO MATCH EXISTING ADJACENT FINISH, OR AS NOTED HEREIN.
- 24. FOR AREAS NOT IN DEMOLITION SCOPE OF WORK, PROTECT AS REQUIRED, ALL SURFACES, EQUIPMENT, FIXTURES AND HARDWARE DURING DEMOLITION AND/OR CONSTRUCTION.
- PRIOR TO DEMOLITION, INVESTIGATE WALLS FOR CONCEALED PIPING AND INFORM OWNER/ARCHITECT OF ANY CONDITION NOT DOCUMENTED IN CONTRACT DRAWINGS. DEMO DESIGNATED WALL BASES, WALL FRAMING, BATT INSULATION AND GYPSUM BOARD. DEMO CONDUITS AND RECEPTACLES. REFERENCE ELECTRICAL DEMO PLAN FOR ADDITIONAL INFORMATION.
- 26. ALL EXISTING DIRECTIONAL SIGNAGE TO BE REMOVED UNLESS NOTED OTHERWISE.
- WHERE NOTED, REMOVE FLOORING DOWN TO TOP OF CONC. SLAB, INCLUDING ADHESIVES, TRANSITION STRIPS, AND OTHER ASSOCIATED ELEMENTS, TYP., UNLESS NOTED OTHERWISE. PREPARE REMAINING SURFACES TO RECEIVE NEW FINISHES.

02/23/2022

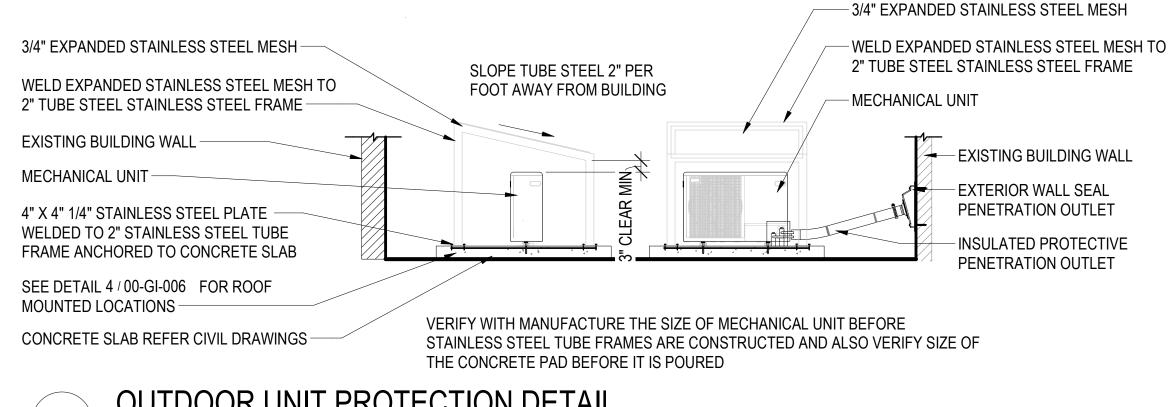
PROJECT TITLE PROJECT NUMBER **DRAWING TITLE PHASE** 568A4-21-702 EHRM INFRASTRUCTURE **GENERAL NOTES** 100% CD FINAL SOLUTION UPGRADES **BUILDING NUMBER** 00 APPROVED: Project Director LOCATION **DRAWING NUMBER** HOT SPRINGS, SOUTH DAKOTA **FULLY SPRINKLERED ISSUE DATE** CHECKED BY DRAWN BY 00-GI-003



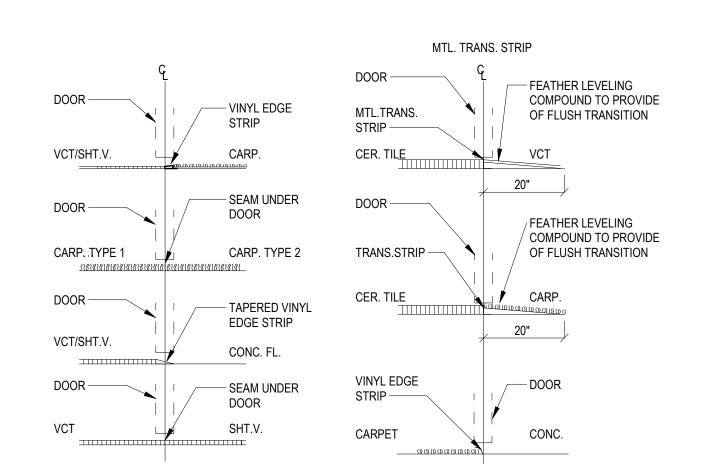




MECH EQUIPMENT ROOF MOUNT DETAIL



OUTDOOR UNIT PROTECTION DETAIL

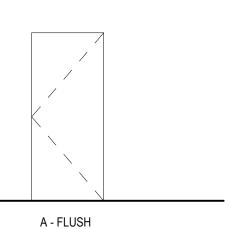


NOTE: CENTER SEAMS AND/OR VINYL EDGE STRIPS UNDER DOOR UNLESS OTHERWISE NOTED.

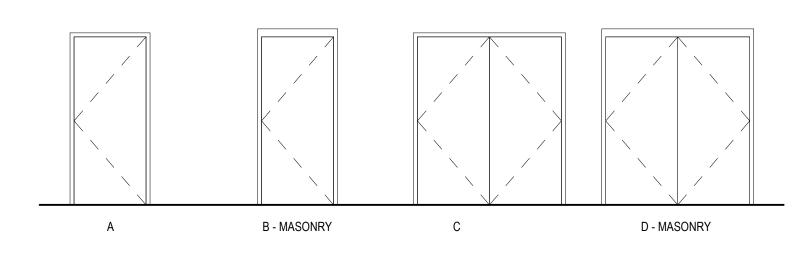
FLOOR TRANSITION DETAILS 3/16" = 1'-0"

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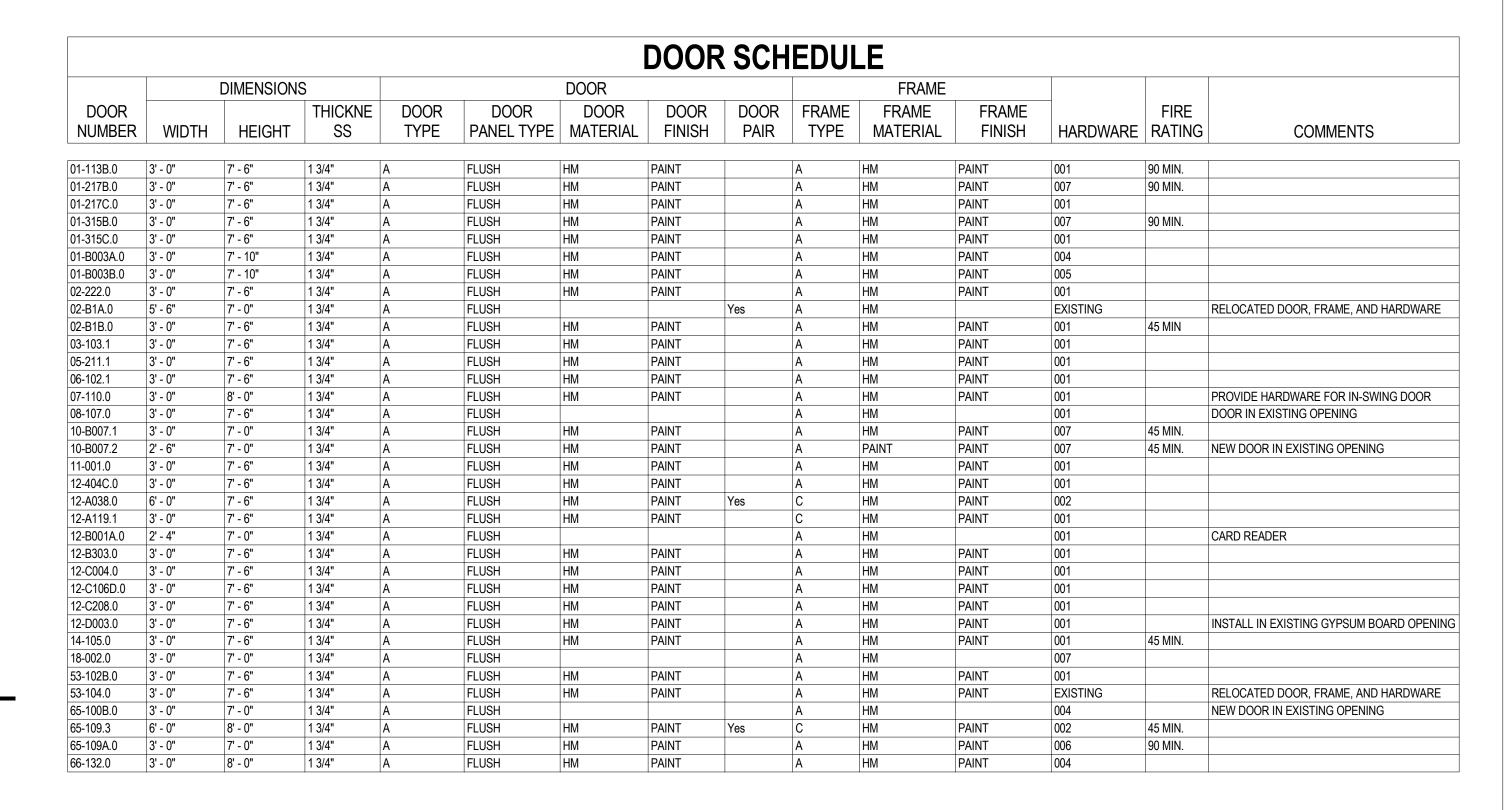
		CONSULTANT	
risions:	Date:	A/E: GDM 1000 W STEUBEN ST. UNIT 3 BINGEN, WA 98605 541.436.4723 ADAM GOODIN, PE	GDM ARCHITECTS • ENGINEERS

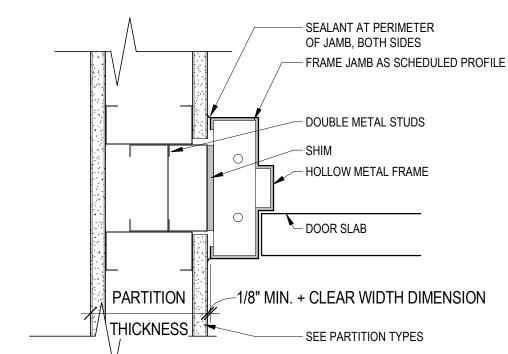


DOOR PANEL TYPE ELEVATIONS

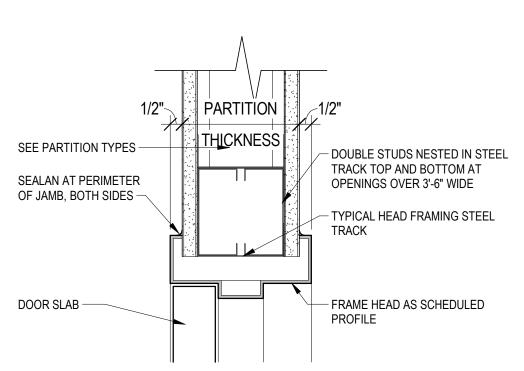


DOOR FRAME TYPE ELEVATIONS

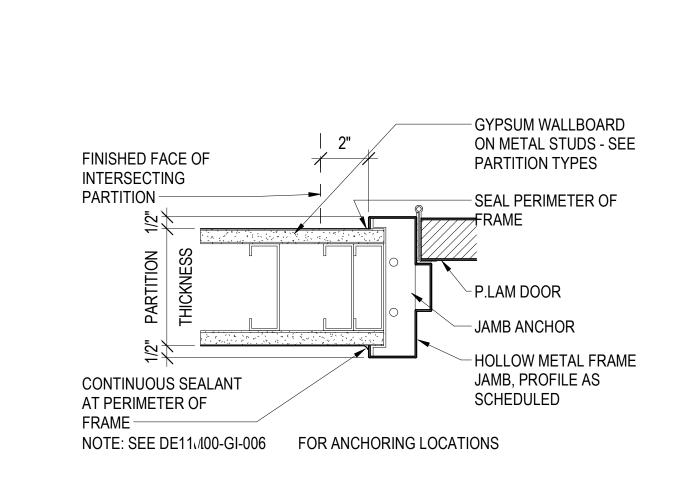


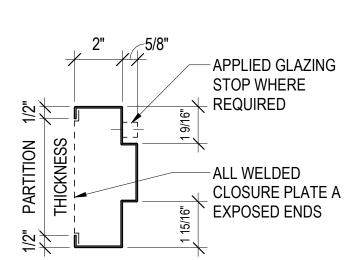


TYPICAL DETAIL FLUSH JAMB

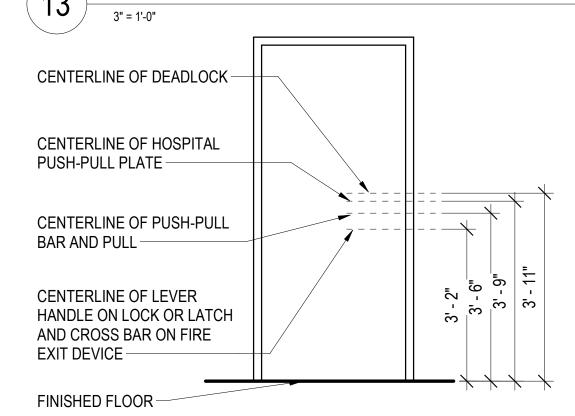




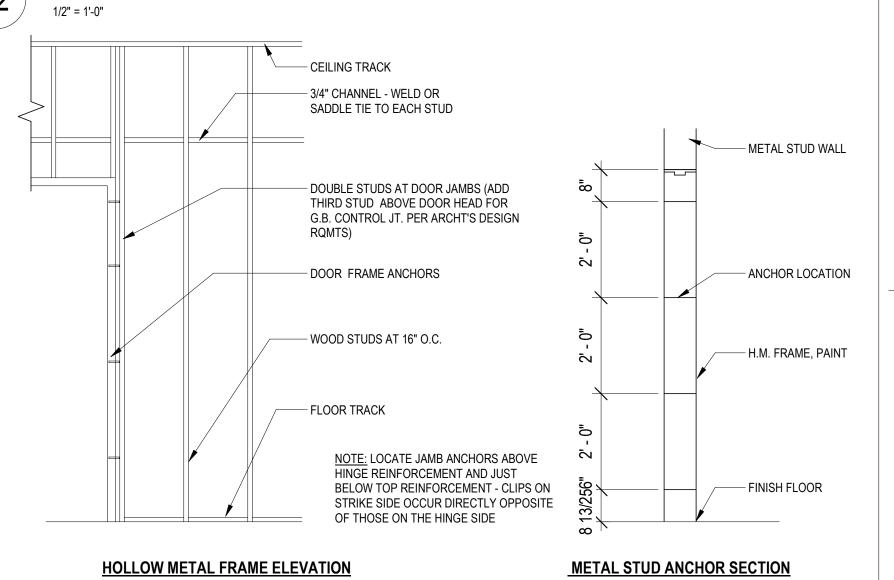




JAMB / HEAD DETAIL FRAME PROFILE - TYPICAL FRAME



TYPICAL HARDWARE MOUNTING

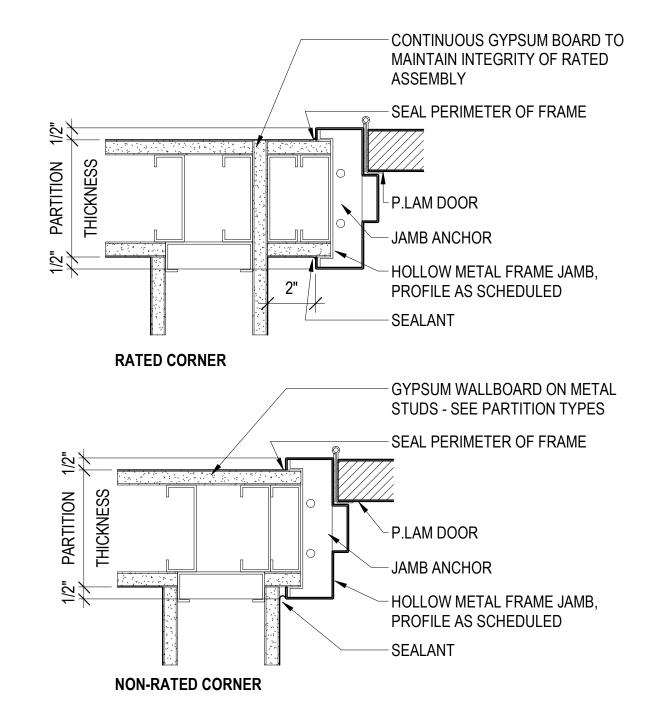


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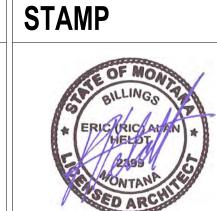
DOOR ANCHORS TYPICAL JAMB DETAIL AT GYPSUM BOARD

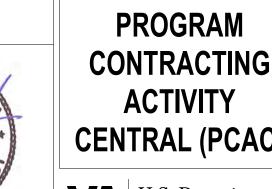
	1/2" = 1'-0"		
DRAWING TITLE	PHASE	PROJECT TITLE	PROJECT NUMBER
DOOR SCHEDULE AND DETAILS	4000/ OD EINIAL OOLLITION	EHRM INFRASTRUCTURE	568A4-21-702
	100% CD FINAL SOLUTION	UPGRADES	BUILDING NUMBER
			00
APPROVED: Project Director	FLS	LOCATION	DRAWING NUMBER
		HOT SPRINGS, SOUTH DAKOTA	
	FULLY SPRINKLERED	ISSUE DATE CHECKED BY DRAWN BY	00-GI-006



TYPICAL FLUSH JAMB AT CORNER

ARCHITECT/ENGINEER OF RECORD <u>ARCHITECT</u> **A&E DESIGN**

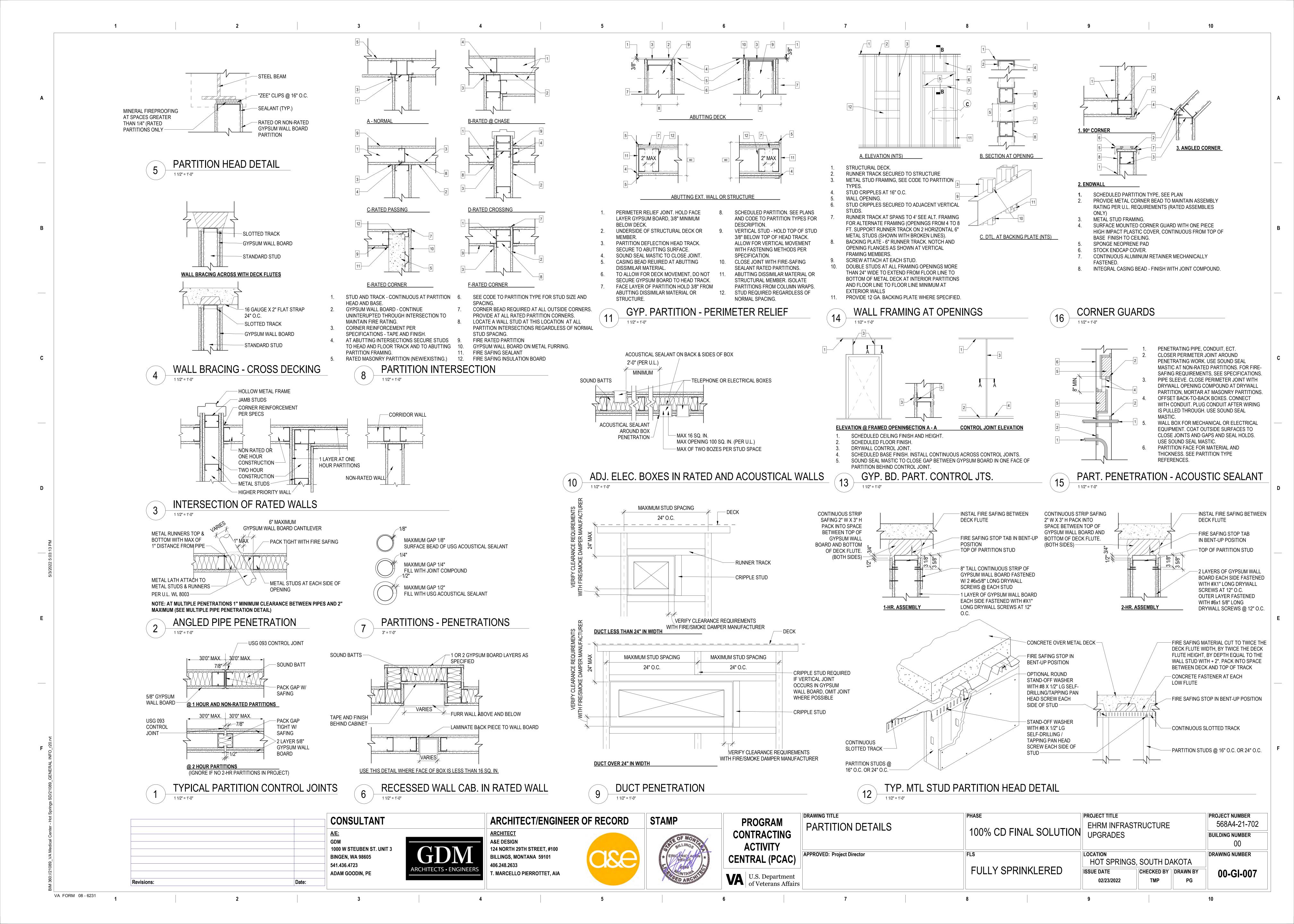




CONTRACTING **CENTRAL (PCAC)**

U.S. Department of Veterans Affairs

124 NORTH 29TH STREET, #100 BILLINGS, MONTANA 59101 T. MARCELLO PIERROTTET, AIA



TELECOMMUNICATION ROOM NOTES

- TELECOMMUNICATION ROOMS (TR) PER VA FIRE PROTECTION DESIGN MANUAL EIGHTH EDITION-JUNE 1, 2021 PROVIDED WITH WET PIPE SPRINKLERS PROTECTION AS PART OF THE EXISTING BUILDING SPRINKLER SYSTEM.
- IN BUILDINGS WITHOUT SPINKLER PROTECTION, TELECOMMUNICATION ROOMS WILL NOT BE PROVIDED WITH ANY ADDITIONAL FIRE PROTECTION SUCH AS FIRE RATED WALLS, SMOKE DETECTION, OR A GASEOUS SUPPRESSION SYSTEM.
- IN AREAS WITH A CEILING HEIGHT CHANGES, SPRINKLERS WILL BE RELOCATED TO THE NEW CEILING HEIGHT IN ACCORDANCE WITH NFPA 13.
- 4. ALL TELECOMMUNICATION ROOMS WILL BE PROVIDED A CARBON DIOXIDE OR CLEAN AGENT FIRE EXTINGUISHER OUTSIDE OF THE TR AND WITHIN 75 FEET.

FIRE PROTECTION NOTES

- THE PLENUM SPACE WITHIN THE MCR IS TO BE FREE OF ALL COMBUSTIBLE MATERIAL OUTSIDE OF:
 - CABLES LISTED FOR PLENUM USE
 - LISTED PLENUM COMMUNICAIONS RACEWAYS LISTED EQUIPMENT POWER CORDS UP TO 4.6 M (15 FT) EACH
 - CABLES INSTALLED IN METALLIC RACEWAYS
 - INSTALLTIONS IN COMPLIANCE WITH SECTION 300.22(C) OF NFPA 70 LISTED COOLING HOSES
 - DATA CENTER (MCR) IS TO BE FULLY SPRINKLEED INCLUDING WITHIN THE COLD CONTAINMENT AISLE.
- TELECOMMUNICATION SPACES (TS) WILL BE PROVIDED WITH WET PIPE SPRINKLER PROTECTION AND A CLEAN AGENT GASEOUS SUPPRESSION SYSTEM.
- TELECOMMUNICATION SPACES (TS) WILL BE PROTECTED WITH STANDARD
- ALL FIRE EXTINGUISHERS INSIDE DATA CENTER TO BE CLEAN AGENT

EXTINGUISHER LOCATED IN A FIRE EXTINGUISHER CABINET.

RESPONSE SPRINKLERS WITH PROTECTIVE CAGES.

FIRE AND SMOKE PROTECTION FEATURES

TEMPORARY PROTECTION

IF FLOOR OR RATED WALL PENETRATIONS CANNOT BE FIRESTOPPED AT THE END OF THE WORK SHIFT DUE TO ANY INCOMPLETE WORK, PROVIDE TEMPORARY FIRESTOPPING COMPOSED OF MINERAL WOOL SATISFYING FIRE RATING REQUIREMENTS AT PENETRATIONS

IF MULTIPLE CEILING TILES MUST BE REMOVED AND CANNOT BE REPLACED AT THE END OF THE WORK SHIFT, A 1-HOU FIRE BARRIER WILL NEED TO BE CONSTRUCTED. IF CONTRACTOR IDENTIFIES UPCOMING WORK RESULTING IN A LONG-TERM CEILING REMOVAL, NOTIFY THE COR IMMEDIATELY WHEATHER A RATED ENCLOSURE MUST BE CONSTRUCTION OR TEMPORARY UPRIGHT SPRINKLER HEADS INSTALLED. THIS WORK IS TO BE PART OF THE SUBMITTED SCOPE OF WORK.

FIRE SPRINKLER NOTES

FIRE SPRINKLER NOTES

1. FIRE SPRINKLER SYSTEM SHALL COMPLY WITH THE FOLLOWING:

NFPA 13 – 2022

VA FIRE PROTECTION DESIGN MANUAL, JUNE 1, 2021

2. SPRINKLER HEADS IN TELECOMMUNICATION SPACE TO MEET THE FOLLOWING CHARACTERISTICS:

> ORDINARY OR INTERMEDIATE TEMPERATURE STANDARD RESPONSE **FUSIBLE LINK**

FM APPROVED

- THE FIRE SPRINKLER SYSTEM PROTECTING THE TELECOMMUNICATION SPACE WILL BE VALVED SEPARATELY FROM OTHER SRINKELR SYSTEMS IN ACCORDANCE WITH NFPA 75.
- SPRINKLER HEADS LOCATED INSIDE THE COLD AISLE CONTAINMENT AREA TO BE LOCATED SO THE COLD AISLE CONTAINMENT CURTAINS WILL NOT IMPACT THE SPRINKLER SPACING OF THE SPRINKLER SYSTEM.

CLEANING AGENT SYSTEM NOTES

1. CLEAN AGENT SUPPRESSSION SYSTEM SHALL COMPLY WITH THE FOLLOWING:

NFPA 2001 – 2022 NFPA 101 - 2021

VA FIRE PROTECTION DESIGN MANUAL, JUNE 1, 2021

- THE CLEAN AGENT FIRE EXTINGUISHING SYSTEM WILL BE A FIXED TOTAL FLOODING TYPE UTILIZING CLEAN AGENT DESIGNED TO PROVIDE A UNIFORM CONCENTRATION THROUGHOUT THE PROTECTED SPACES IN ACCORDANCE
- THE DESIGN CONCENTRATION WITHIN ANY PROTECTED SPACE SHALL NOT EXCEED BY VOLUME THE NO OBSERVABLE ADVERSE EFFECTS LEVEL (NOAEL).
- THE CLEAN AGENT SHALL HAVE A GLOBAL WARMING POTENTIAL (GWP) OF LESS THAN 4000.
- NUMBER AND LOCATION OF CLEAN AGENT SYSTEM DISCHARGE NOZZLES TO BE DETERMINED BY CLEAN AGENT SYSTEM CONTRACTOR IN LINE WITH CLEAN AGENT MANUFACTURER LIST REQUIREMENTS.

PROJECT NUMBER

THE CLEAN AGENT SYSTEM WILL BE PROVIDED TO PROTECT ABOVE AND BELOW THE RAISED FLOOR.

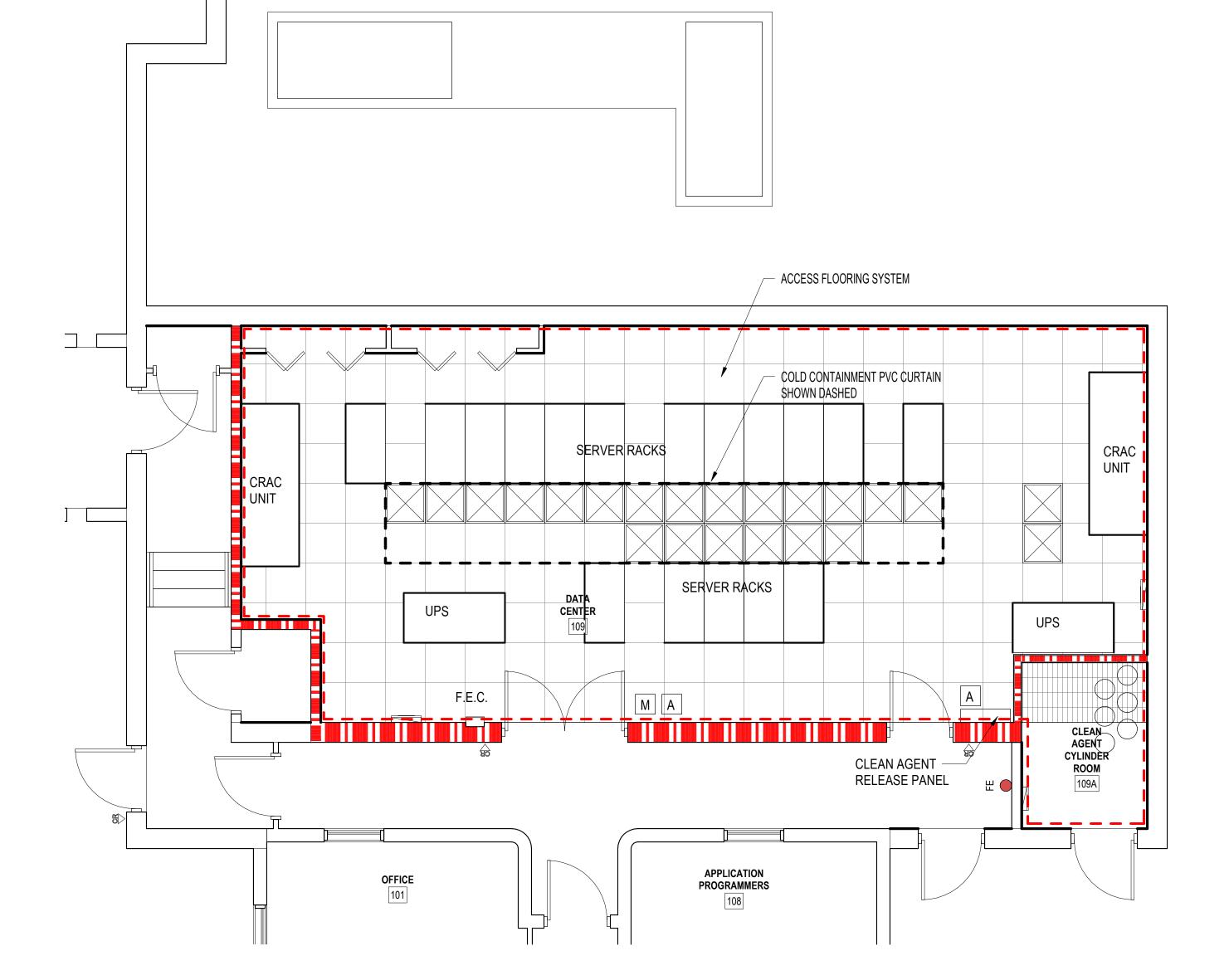
FIRE PROTECTION LEGEND

CLEAN AGENT CYLINDERS

M CLEAN AGENT MANUAL PULL STATION

A CLEAN AGENT ABORT SWITCH

- - CLEAN AGENT PROTECTED ENCLOSURE



FIRE PROTECTION - BUILDING 65 MCR



CONCLUTANT	A DOLUTEOT/ENOINEED	
CONSULTANT	ARCHITECT/ENGINEER	OF RECOR
	A/E:	
	GDM	
	1000 W STEUBEN ST. UNIT 3	CDI
	BINGEN, WA 98605	CI I)

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GDM	
ARCHITECTS • ENGINEERS	

541.436.4723

ADAM GOODIN, PE

STAMP

CO	ROGRAM NTRACTING ACTIVITY TRAL (PCAC)	
VA	U.S. Department of Veterans Affairs	

GRAM ACTING IVITY L (PCAC)	FIRE PR
Department	

DRAWING TITLE	PHASE	PROJECT TITLE
FIRE PROTECTION	100% CD FINAL SOLUTION	EHRM INFF UPGRADES
APPROVED: Project Director	FLS	LOCATION HOT SPRI

100% CD FINAL SOLUTION	EHRM INFRAS UPGRADES	568A4-21-702 BUILDING NUMBER		
				00
FLS	LOCATION HOT SPRINGS, SOUTH DAKOTA			DRAWING NUMBER
FULLY SPRINKLERED	1SSUE DATE 02/23/2022	CHECKED BY TMP	DRAWN BY LM	00-GI-008
1				

- 1. THE FOLLOWING PROVISIONS ARE TO BE USED IN CONJUNCTION WITH VA SPECIAL PROVISIONS, VA STANDARD SPECIFICATIONS, AND ALL OTHER APPLICABLE JURISDICTIONS.
- 2. ANY REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE APPROPRIATE JURISDICTIONS.
- 3. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE PROJECT SITE AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER PRIOR TO UNDERTAKING OF THE AFFECTED WORK.
- 4. ANY DISCREPANCIES IN THESE DRAWINGS, SPECIFICATIONS, NOTES, AND THE SITE CONDITIONS SHALL BE REPORTED TO THE ENGINEER, WHO SHALL CORRECT SUCH DISCREPANCIES IN WRITING AFTER THOROUGHLY REVIEWING ANY CHANGES. ANY WORK DONE BY THE CONTRACTOR AFTER THE DISCOVERY OF SUCH DISCREPANCIES SHALL BE DONE AT THE CONTRACTOR'S RISK. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE DIMENSIONS AMONG ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK.
- 5. A PRE-CONSTRUCTION MEETING SHALL BE HELD AT THE VA FACILITIES WITH THE APPLICANT, CONTRACTOR, ENGINEER, AND ALL APPLICABLE INSPECTORS PRIOR TO BEGINNING WORK.

ADDITIONAL PERMITS

- 6. VA SPECIFIC PERMITS MAY BE REQUIRED FOR ON-SITE WORK INCLUDING ALL RETAINING WALLS, GRADING, AND EROSION CONTROL. ADHERENCE TO ALL CONDITIONS OF THESE PERMITS IS REQUIRED AS A PART OF THIS PLAN. COORDINATE WITH C.O.R.
- 7. VA SPECIFIC PERMITS MAY BE REQUIRED FOR SIDEWALK INSTALLATION AS WELL AS CURB AND GUTTER REMOVAL AND DRIVEWAY CONSTRUCTION WHEN CONSTRUCTED AT BUILDING PERMIT STAGE. COORDINATE WITH C.O.R.

<u>UTILITIES</u>

- 8. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON EXISTING RECORD DRAWINGS AND ARE NOT GUARANTEED TO BE ACCURATE, NOR ALL INCLUSIVE.
- 9. ALL UTILITIES MUST BE VERIFIED PRIOR TO CONSTRUCTION. IF THE PROJECT REQUIRES ANY EXCAVATION, THE DEVELOPER/CONTRACTOR IS REQUIRED TO CALL THE UTILITY UNDERGROUND LOCATION CENTER AT 811 AT LEAST TWO DAYS BEFORE 26. MINIMUM EROSION CONTROL MEASURES SHALL INCLUDE: STARTING SUCH EXCAVATION.
- NOT SHOWN ON THIS PLAN. PROVIDE FALSEWORK AS IS REQUIRED TO TEMPORARILY SUPPORT ALL MATERIAL. DAMAGE DUE TO THE CONTRACTORS OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

10. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT, IN PLACE, ALL UTILITIES AND/OR STRUCTURES WHETHER SHOWN OR

11. DO NOT CUT OR DAMAGE EXISTING UTILITIES, STRUCTURAL MEMBERS, OR BUILDING FOUNDATIONS. HAND EXCAVATE IN LOCATIONS WHERE EXISTING UTILITIES ARE SUBJECT TO DAMAGE.

12. IF WORKERS ENTER ANY TRENCH OR OTHER EXCAVATION FOUR FEET OR MORE IN DEPTH THAT DOES NOT MEET THE OPEN PIT REQUIREMENTS OF SECTION 2-09.3(3)B, IT SHALL BE SHORED AND CRIBBED. ALL TRENCH SAFETY SYSTEMS SHALL MEET THE REQUIREMENTS OF STATE INDUSTRIAL SAFETY AND HEALTH ACT. THE CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR ALL WORKER SAFETY, THE ENGINEER, NOR THE VA ASSUMES ANY RESPONSIBILITY.

PAVEMENT PREPARATION/RESTORATION

DETERMINED BY THE ENGINEER.

- 13. ADDITIONAL REMOVAL AND REPLACEMENT OF PAVEMENT MAY BE REQUIRED TO PROVIDE PROPER TRANSITION/CROWN AS DIRECTED BY
- 14. THE SUBGRADE COMPACTION SHALL BE TESTED BY A PROFESSIONAL GEOTECHNICAL CONSULTANT PRIOR TO PLACING THE BASE
- 15. PAVEMENT RESTORATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH VA RESTORATION POLICY AND APPLICABLE STANDARD
- 16. FINAL RESTORATION LIMITS SHALL BE DETERMINED IN THE FIELD BY INSPECTOR.

CONCRETE

- 17. CONCRETE PAVEMENT MIX DESIGN SHALL BE BASED ON STANDARD PLAN PD-01-PAVEMENT DESIGN STANDARDS.
- 18. COLD WEATHER CONCRETE WORK. THE FOLLOWING REQUIREMENTS FOR PLACING CONCRETE SHALL BE IN EFFECT FROM NOVEMBER 1 a. THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO ANY CONCRETE PLACEMENT. b. WEATHER PERMITTING, ALL CONCRETE PLACEMENT SHALL BE COMPLETED NO LATER THAN 2:00 PM EACH DAY. c. WHERE FORMS HAVE BEEN PLACED AND THE SUBGRADE HAS BEEN SUBJECTED TO SEVERE FROST, NO CONCRETE SHALL BE PLACED UNTIL THE GROUND IS COMPLETELY THAWED. AT THAT TIME, THE FORMS SHALL BE ADJUSTED AND SUBGRADE REPAIRED AS
- 19. THE SLUMP FOR STANDARD CONCRETE USED FOR SIDEWALKS SHALL NOT EXCEED FOUR INCHES +/- ONE INCH.
- 20. ALL SIDEWALKS AND CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN, 28 CFR, PART 35 AND AS SUPPLEMENTED BY THE PUBLIC WORKS RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG).

EROSION CONTROL NOTES

- 21. WHEN CONSTRUCTION OPERATIONS ARE SUCH THAT DEBRIS FROM THE WORK IS DEPOSITED ON THE STREETS, THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY DEPOSITS OR DEBRIS WHICH MAY ACCUMULATE ON THE ROADWAY SURFACE. IF THE CONTRACTOR FAILS TO KEEP THE STREETS FREE FROM DEPOSITS AND DEBRIS RESULTING FROM THE WORK, THE CONTRACTOR SHALL, UPON ORDER OF THE INSPECTOR, PROVIDE FACILITIES FOR, AND REMOVE ALL CLAY, DIRT, OR OTHER DEPOSITS FROM THE TIRES OR BETWEEN WHEELS BEFORE TRUCKS OR OTHER EQUIPMENT WILL BE ALLOWED TO TRAVEL OVER PAVED STREETS. SHOULD THE CONTRACTOR FAIL OR REFUSE TO CLEAN THE STREETS IN QUESTION, OR THE TRUCKS OR EQUIPMENT IN QUESTION, JURISDICTION INSPECTOR MAY ORDER THE WORK SUSPENDED AT THE CONTRACTORS RISK UNTIL COMPLIANCE WITH THE CONTRACTORS OBLIGATIONS IS ASSURED, OR THE JURISDICTION INSPECTOR MAY ORDER THE STREETS IN QUESTION CLEANED BY OTHERS AND SUCH COSTS INCURRED IN ACHIEVING COMPLIANCE WITH THESE REQUIREMENTS, INCLUDING CLEANING OF THE STREETS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 22. THE CONTRACTOR SHALL PROTECT EXISTING DRAINAGE STRUCTURES USING ACCEPTABLE METHODS AND MATERIALS AS SHOWN ON THIS PLAN. IF THE METHODS AND MATERIALS AS SHOWN ON THS PLAN ARE NOT ADEQUATE, THE JURISDICTION INSPECTOR MAY REQUIRE ADDITIONAL/ALTERNATIVE METHODS FOR EROSION CONTROL AND/OR PROTECTION OF EXISTING DRAINAGE STRUCTURES. ADDITIONAL OR ALTERNATIVE METHODS SHALL BE SUBMITTED BY THE DESIGN ENGINEER AND ACCEPTED BY THE JURISDICTION INSPECTOR. ANY DAMAGE CAUSED TO THE JURISDICTION STORMWATER SYSTEM AS A RESULT OF THE WORK OUTLINED ON THIS PLAN SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. RESOLVING SAID DAMAGE MAY INCLUDE, BUT NOT BE LIMITED TO, THE CLEANING OF THE DRAINAGE SYSTEM IN QUESTION BY THE CONTRACTOR.
- 23. WATERING PROVISIONS WHEN APPLICABLE MUST BE IN PLACE TO PREVENT DUST FROM BECOMING AIR BORNE. VIOLATION OF THIS CONDITION WILL RESULT IN A STOP WORK ORDER UNTIL CORRECTED.
- 24. FILL THAT WILL SUPPORT A STREET SECTION OR OTHER STRUCTURES SHALL BE PLACED UNDER THE INSPECTION OF A STATE LICENSED GEOTECHNICAL ENGINEER. SOIL TO BE PLACED SHALL BE TESTED AND COMPACTED TO 95% OF ITS MAXIMUM DENSITY. ENGINEER SHALL DOCUMENT EXISTING SITE CONDITIONS, SOIL AND ITS PLACEMENT AND ALLOWABLE BEARING CAPACITY SUBMITTED.
- 25. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS NOT REQUIRED FOR THIS PROJECT, AS THE CONSTRUCTION ACTIVITY WILL DISTURB LESS THAN AN ACRE OF LAND.

EROSION CONTROL MEASURES

- a. CONSTRUCTION ENTRANCE (WHEN APPLICABLE) b. PERIMETER EROSION/SEDIMENTATION CONTROL c. PROTECTION OF CATCH BASINS
- d. STABILIZATION OF EXPOSED SOILS
- 27. ALL EROSION CONTROL SHALL BE IN PLACE PRIOR TO CLEARING. THE CONTRACTOR SHALL CALL THE JURISDICTION INSPECTOR FOR INITIAL EROSION CONTROL INSPECTION PRIOR TO START OF WORK, AS DESCRIBED BELOW.
- 28. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES TO THE APPROVAL OF THE INSPECTOR.
- 29. CALL FOR INSPECTION UPON COMPLETION OF:
- a. STAKING OF CLEARING LIMITS
- b. INSTALLATION OF EROSION CONTROL AND PRIOR TO SITE GRADING c. PRIOR TO REMOVAL OF EROSION CONTROL DEVICES

DURATION OF SITE WORK. REFER TO JURISDICTION STANDARD PLANS.

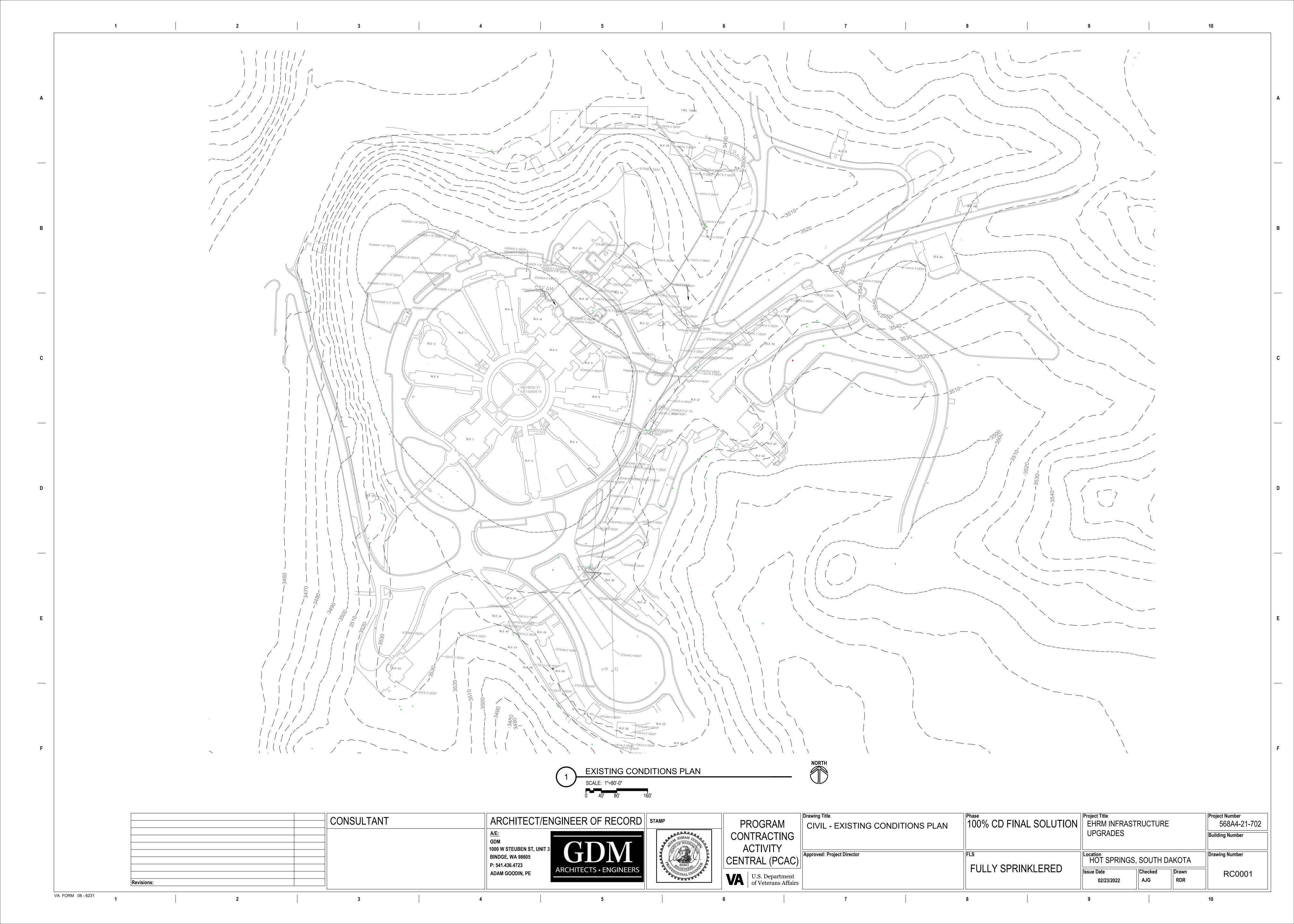
- 30. ALL MATERIAL REMOVED FROM SITE SHALL BE PLACED ONLY AT A PERMITTED SITE. VERIFY LOCATION OF DESTINATION OF MATERIAL
- 31. TRAFFIC CONTROL PROVISIONS AS APPROVED BY THE CITY TRAFFIC ENGINEER SHALL BE ADHERED TO AT ALL TIMES.
- 32. TREES TO BE REMOVED SHALL BE CLEARLY MARKED FOR REMOVAL. TREES TO BE SAVED SHALL BE FENCED WITH BARRICADE FENCE AT THE DRIP LINE (OUTER EDGE OF TREE BRANCHES) TO KEEP CONSTRUCTION VEHICLES FROM COMPACTING ROOT ZONE AND KILLING TREES. THIS FENCING SHALL BE MAINTAINED UNTIL CONSTRUCTION ENDS.
- 33. TREE PROTECTION MEASURES TO BE INSTALLED WITH INITIAL TESC MEASURES AND SHALL BE MAINTAINED THROUGHOUT THE
- 34. ALL REVISIONS TO THE APPROVED PLANS MUST BE APPROVED BY THE DESIGN ENGINEER, THE VA, PRIOR TO IMPLEMENTATION OF THE

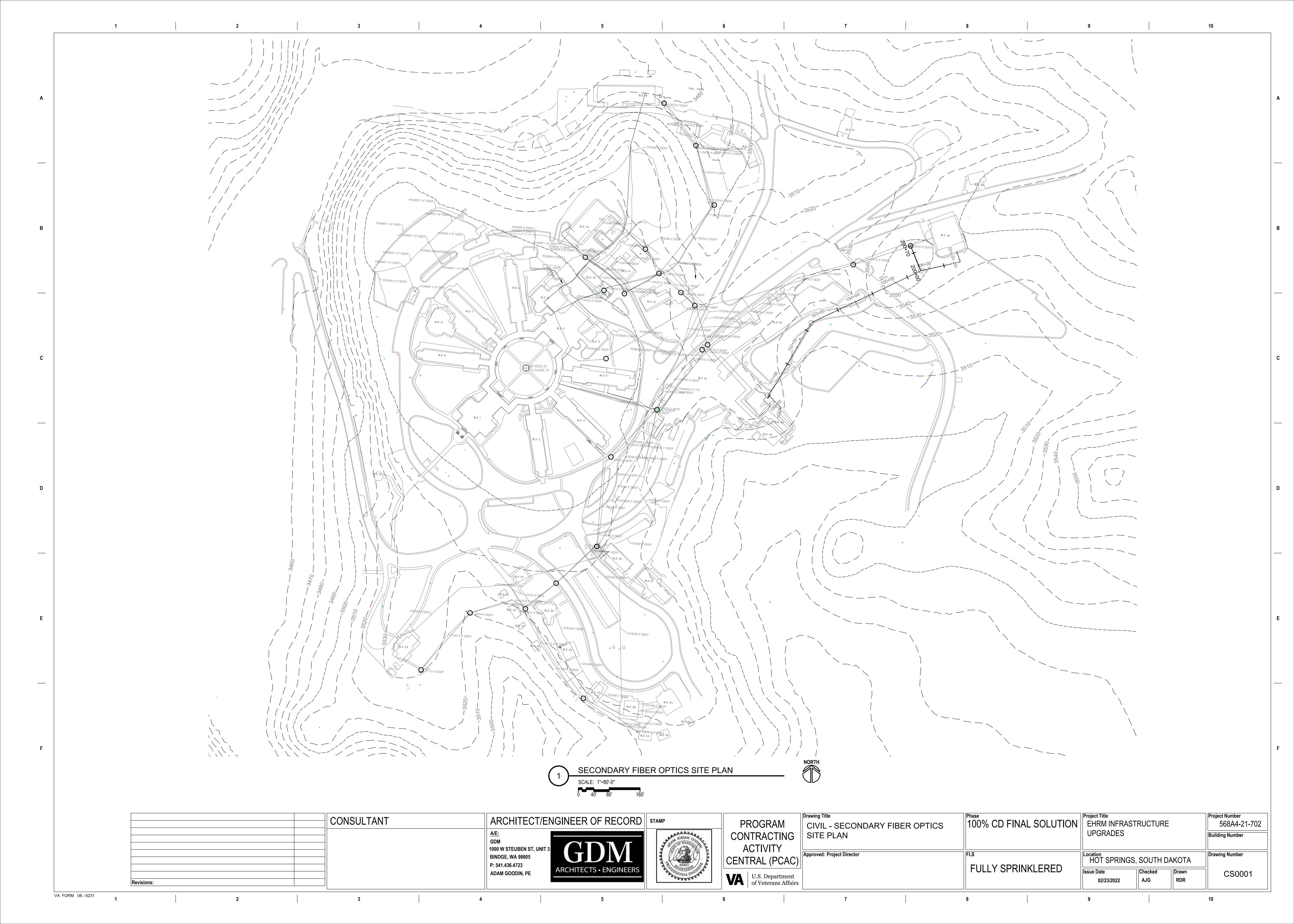
LEGEND

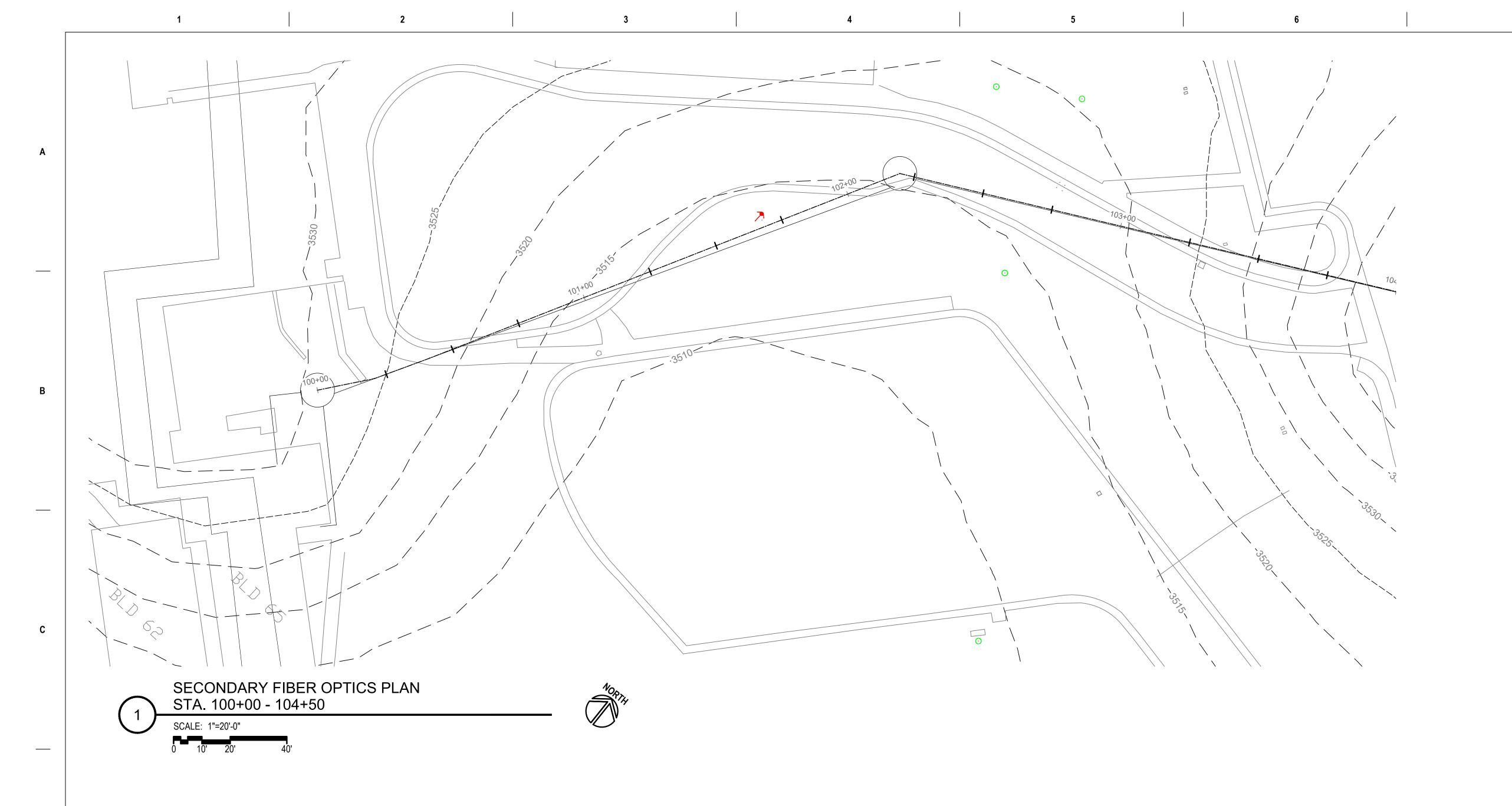
ALIGNMENT/STATION ----EXISTING CONTOUR ------

EXISTING TREE

	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	PROGRAM	Drawing Title CIVIL - GENERAL NOTES	Phase 100% CD FINAL SOLUTION	Project Title EHRM INFRAST	RUCTURE	Project Number 568A4-21-702
		A/E: GDM 1000 W STEUBEN ST, UNIT 3 BINDGE WA 98605	SPAN JOSIAH GOODER PROPERTY OF WASHING	CONTRACTING ACTIVITY			UPGRADES		Building Number
		P: 541 436 4723	46941 E	CENTRAL (PCAC)	Approved: Project Director	FULLY SPRINKLERED	Location HOT SPRINGS, SOUTH DAKOTA		Drawing Number
evisions:		ADAM GOODIN, PE ARCHITECTS • ENGINEERS	SONAL ENGIN	U.S. Department of Veterans Affairs	S	TOLLI SI MININLLINED	1ssue Date 02/23/2022	Checked Drawn AJG RDR	CU0300

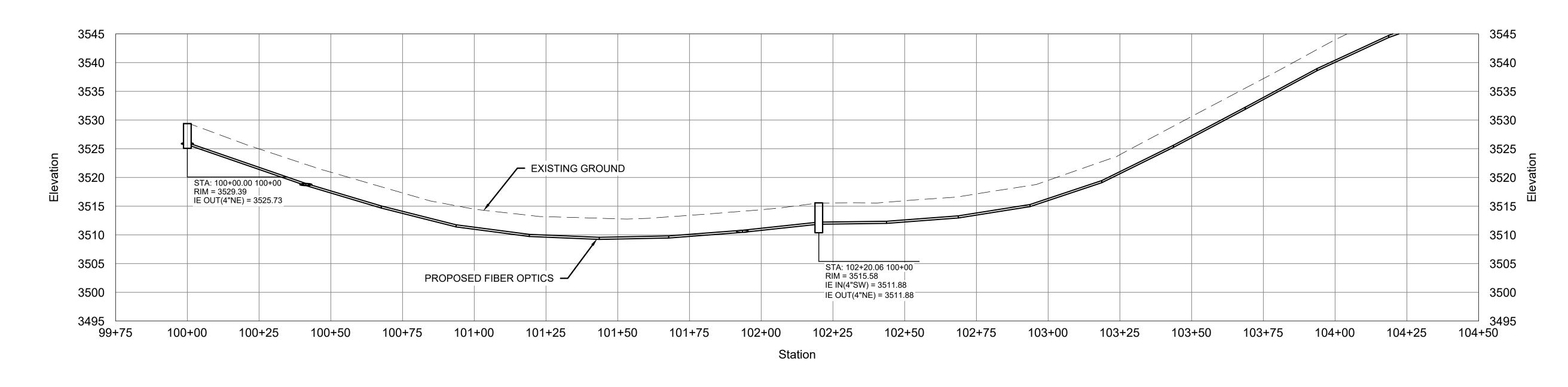






NOTES:

- 1. THE CONTRACTOR IS TO PROVIDE LOCATES,
 TEMPORARY SHORING, FALSEWORK, DEWATERING, AND
 OTHER SERVICES, TOOLS, AND SUPPLIES AS IS
 NECESSARY TO PERFORM THE CIVIL RELATED
 PORTIONS OF THE WORK.
- 2. THE A/E RECOMMENDS THE GENERAL CONTRACTOR
 AND THE EXCAVATION CONTRACTOR PERFORM A
 THOROUGH PRE-BID WALK OF THE UTILITY ALIGNMENTS
 AND PROFILES. PAY PARTICULAR ATTENTION TO
 EXISTING STREAMS, DRAWS, AND RIDGES.



SECONDARY FIBER OPTICS PROFILE STA. 100+00 - 104+50

SCALE: H: 1"=20'-0" V:1"=10'-0"

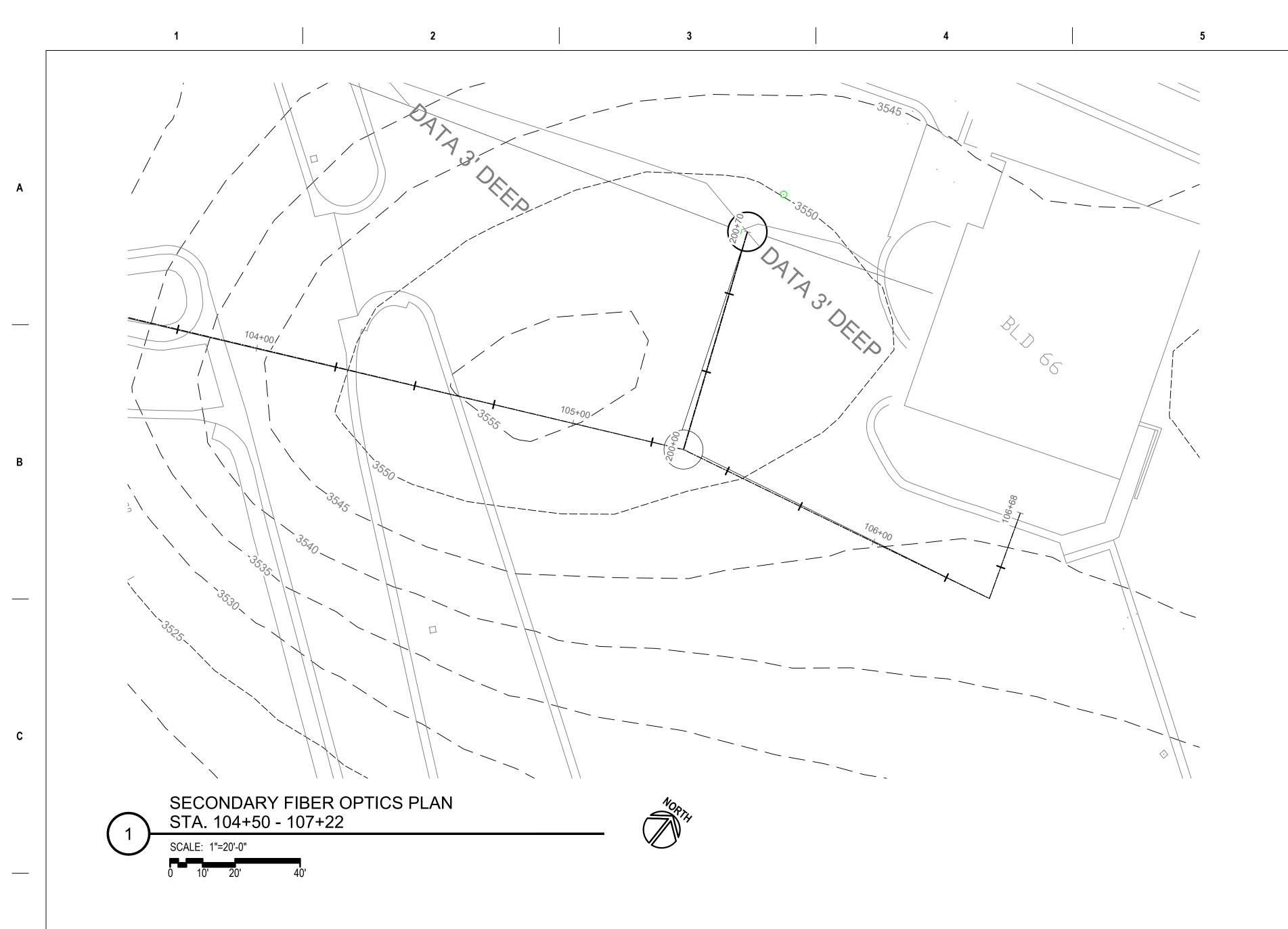
	CONSULTANT	ARCHITECT/E	NGINEER OF RECORD
		A/E: GDM	
		1000 W STEUBEN ST, UNIT 3 BINDGE, WA 98605	GDM
		P: 541.436.4723	ARCHITECTS • ENGINEERS
Revisions:		ADAM GOODIN, PE	

ER OF RECORD	STAMP
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OF WASHING	PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
ASSIONAL ENGINE	U.S. Department of Veterans Affairs

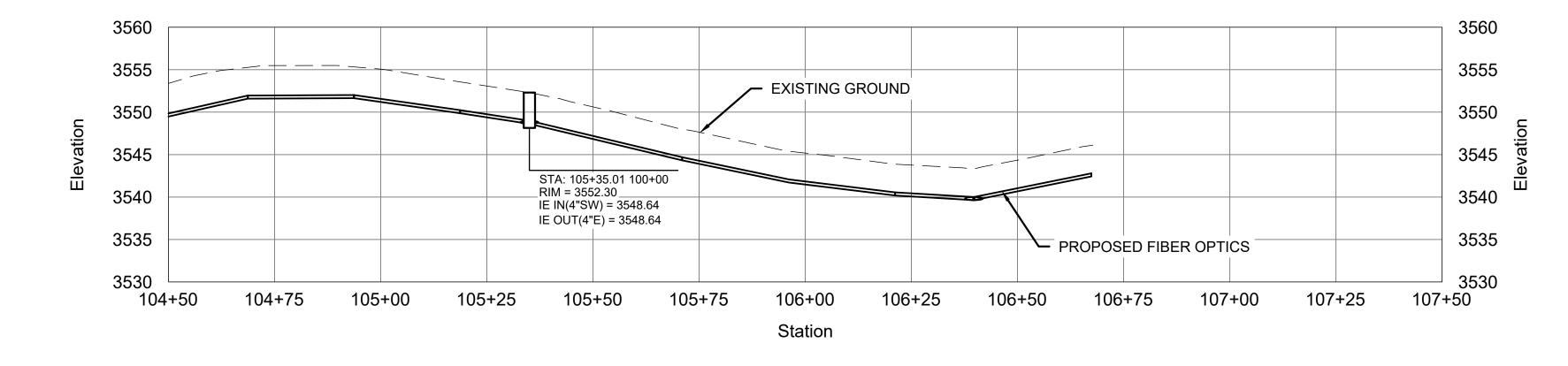
		100% CD FINAL SOLUTION	Project Title EHRM INFRAST UPGRADES	RUCTURE		Project Number 568A4-21-702 Building Number
)]	Approved: Project Director	ELILLY SDRINKI ERED	Location HOT SPRINGS, Issue Date 02/23/2022		NKOTA Drawn RDR	Drawing Number CU0100

VA FORM 08 - 6231



NOTES:

- 1. THE CONTRACTOR IS TO PROVIDE LOCATES, TEMPORARY SHORING, FALSEWORK, DEWATERING, AND OTHER SERVICES, TOOLS, AND SUPPLIES AS IS NECESSARY TO PERFORM THE CIVIL RELATED PORTIONS OF THE WORK.
- 2. THE A/E RECOMMENDS THE GENERAL CONTRACTOR AND THE EXCAVATION CONTRACTOR PERFORM A THOROUGH PRE-BID WALK OF THE UTILITY ALIGNMENTS AND PROFILES. PAY PARTICULAR ATTENTION TO EXISTING STREAMS, DRAWS, AND RIDGES.

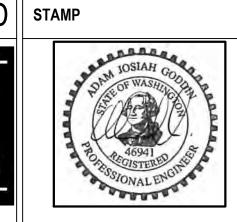


SECONDARY FIBER OPTICS PROFILE STA. 104+50 - 107+22 SCALE: H: 1"=20'-0" V:1"=10'-0"

	CONSULTANT
Revisions:	

1000 W STEUBEN ST, UNIT BINDGE, WA 98605 P: 541.436.4723 ADAM GOODIN, PE



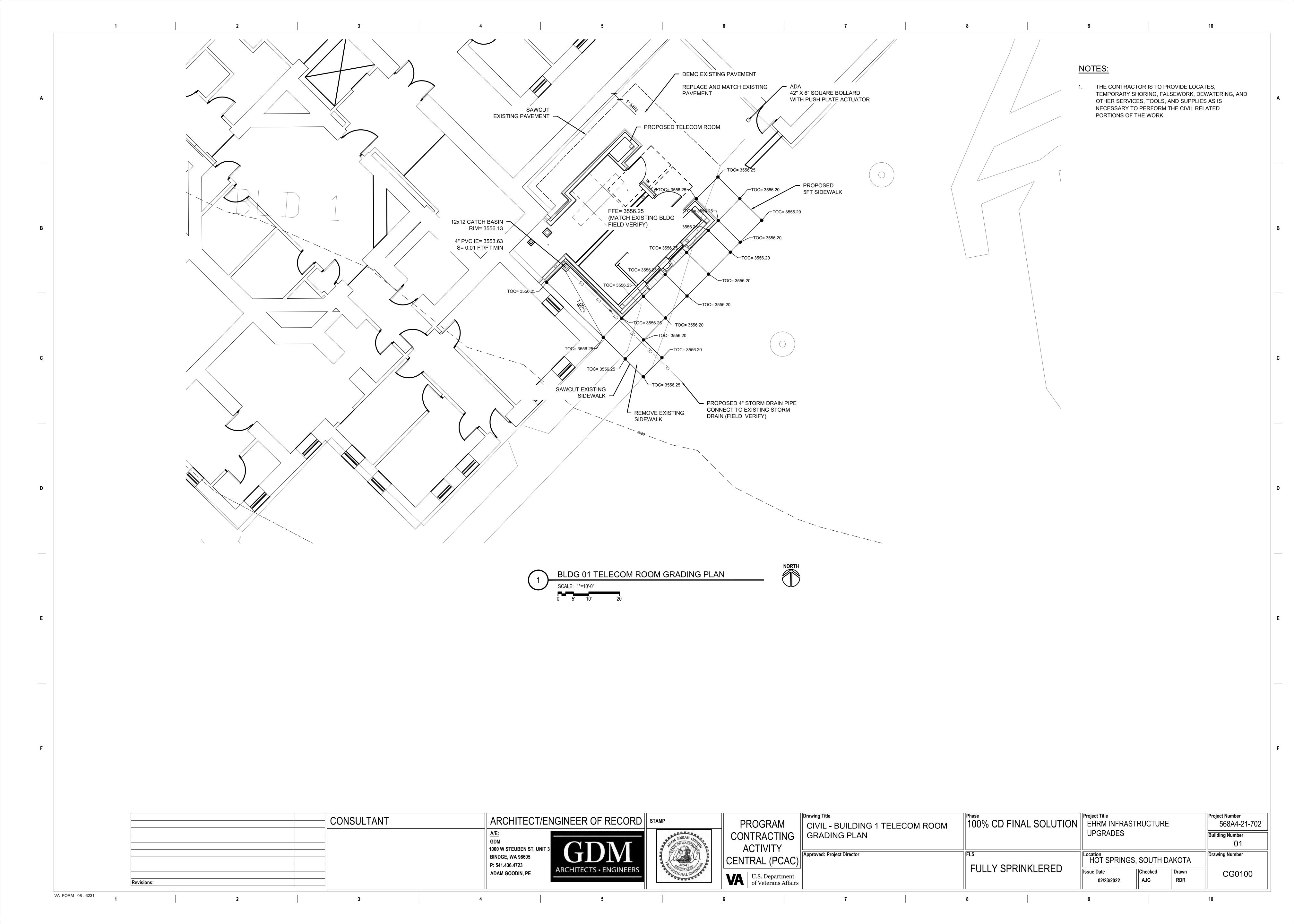


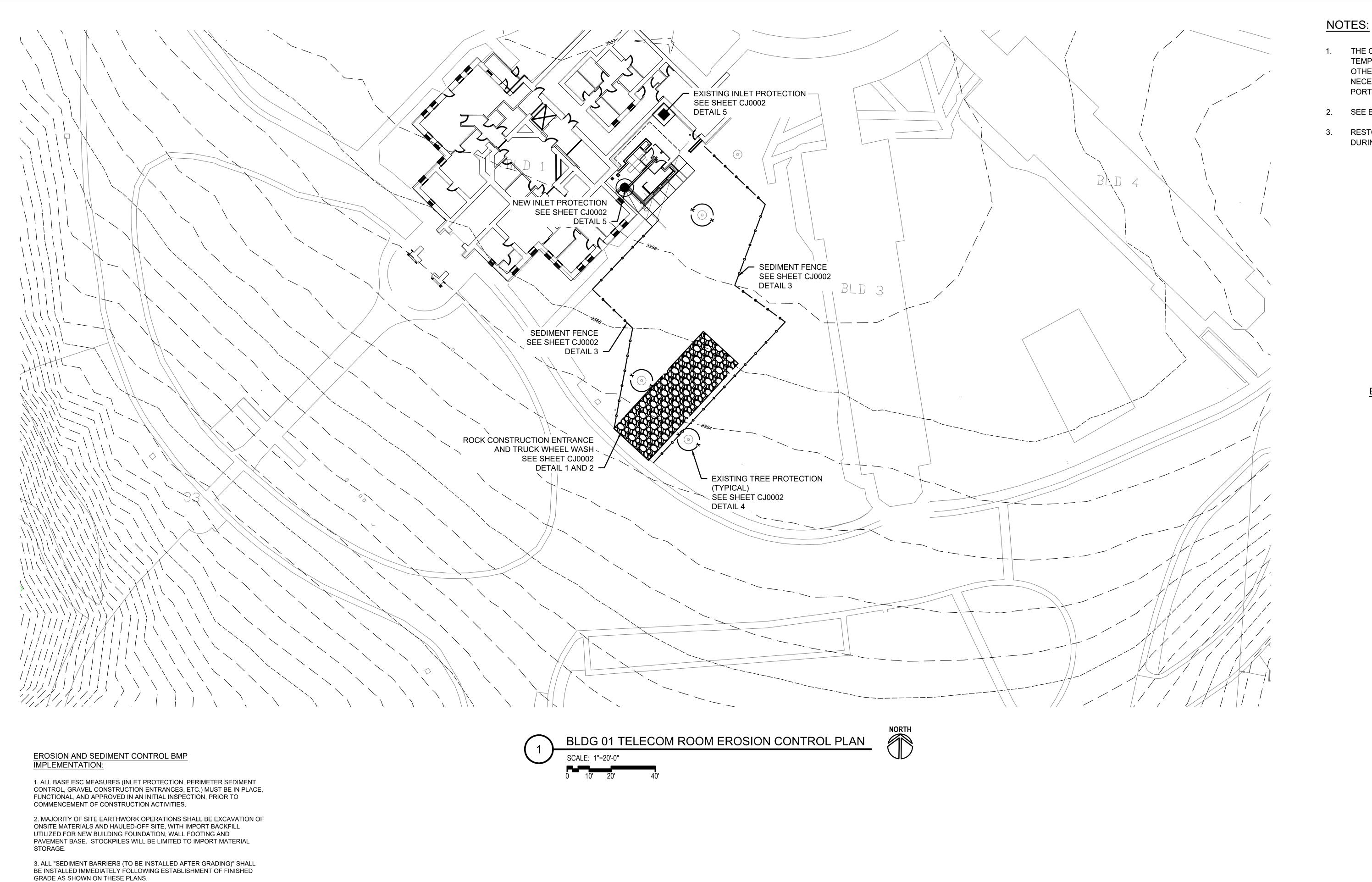
PROGRAM							
CONTRACTING							
ACTIVITY							
CENTRAL (PCAC)							
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	PLAN AND PROFILE	10070
)	Approved: Project Director	FULL'
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		Phase 100% CD FINAL SOLUTION	Project Title EHRM INFRASTRUCTURE UPGRADES		Project Number 568A4-21-702 Building Number	
) s	Approved: Project Director	FULLY SPRINKLERED	Location HOT SPRINGS, Issue Date 02/23/2022		Drawn RDR	Drawing Number CU0101

VA FORM 08 - 6231





- THE CONTRACTOR IS TO PROVIDE LOCATES, TEMPORARY SHORING, FALSEWORK, DEWATERING, AND OTHER SERVICES, TOOLS, AND SUPPLIES AS IS NECESSARY TO PERFORM THE CIVIL RELATED PORTIONS OF THE WORK.
- 2. SEE EROSION CONTROL SHEET/S FOR DETAILS.
- RESTORE DAMAGED LANDSCAPING AND PAVEMENT DURING CONSTRUCTION.

EROSION AND SEDIMENT CONTROL LEGEND

CONSTRUCTION ENTRANCE

EXISTING INLET PROTECTION

NEW INLET PROTECTION O SEDIMENT FENCE

70——70—— EXISTING CONTOURS ----70 ---- NEW / PROPOSED CONTOURS

——X——X—— EXISTING TREE PROTECTION

EXISTING TREE

BMP BEST MANAGEMENT PRACTICE ESC/EPSC EROSION PREVENTION AND SEDIMENT CONTROL

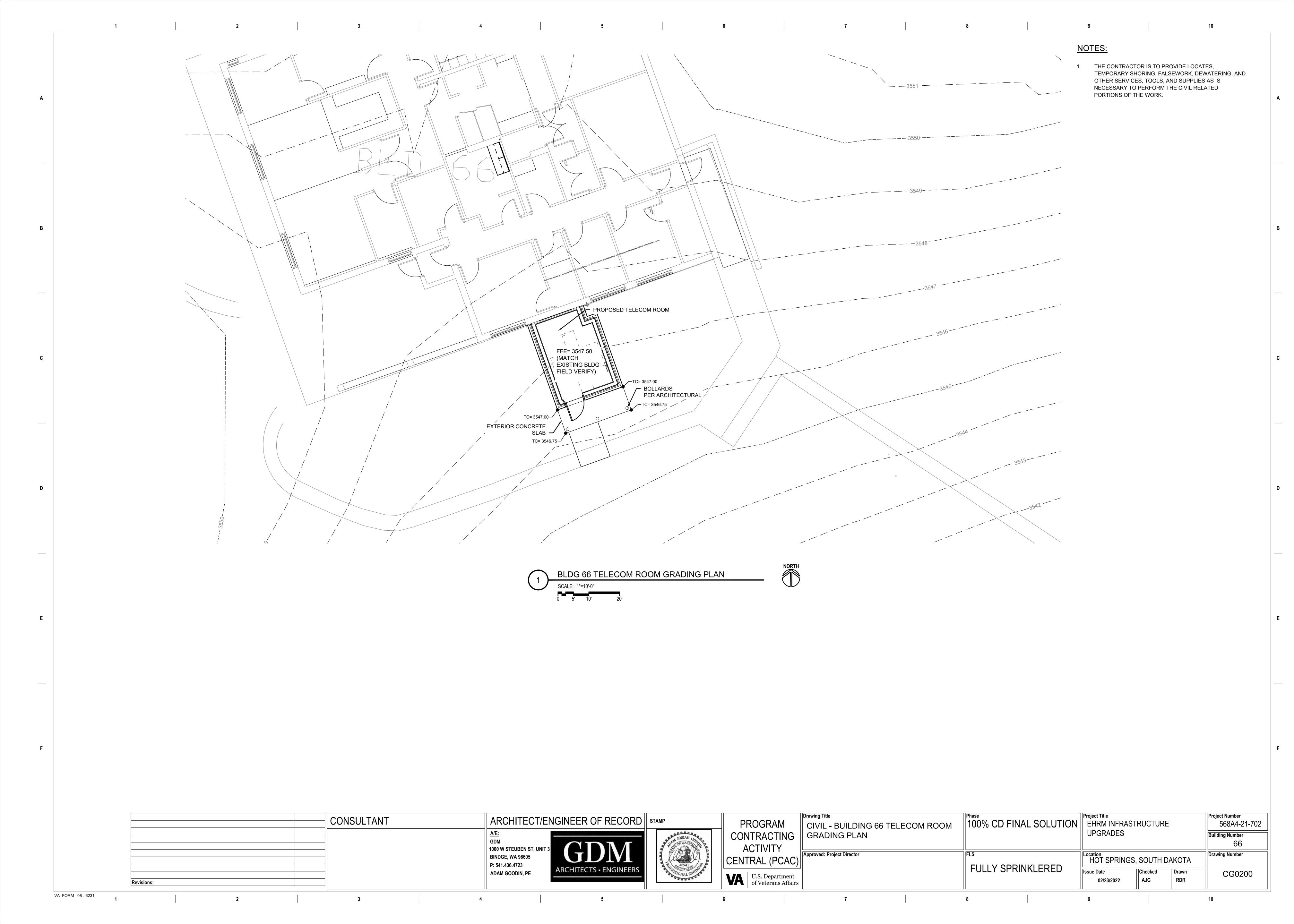
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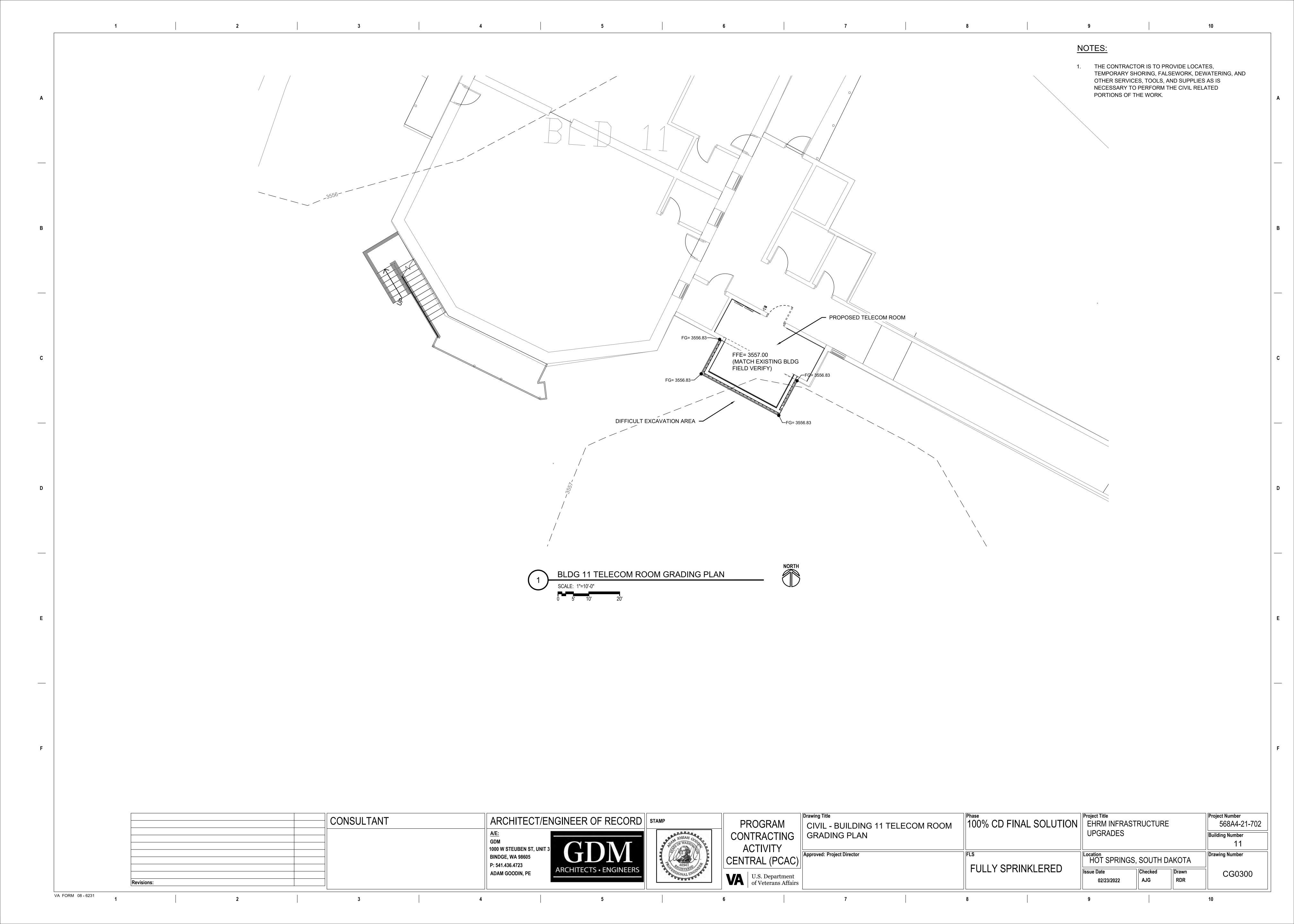
4. LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS.

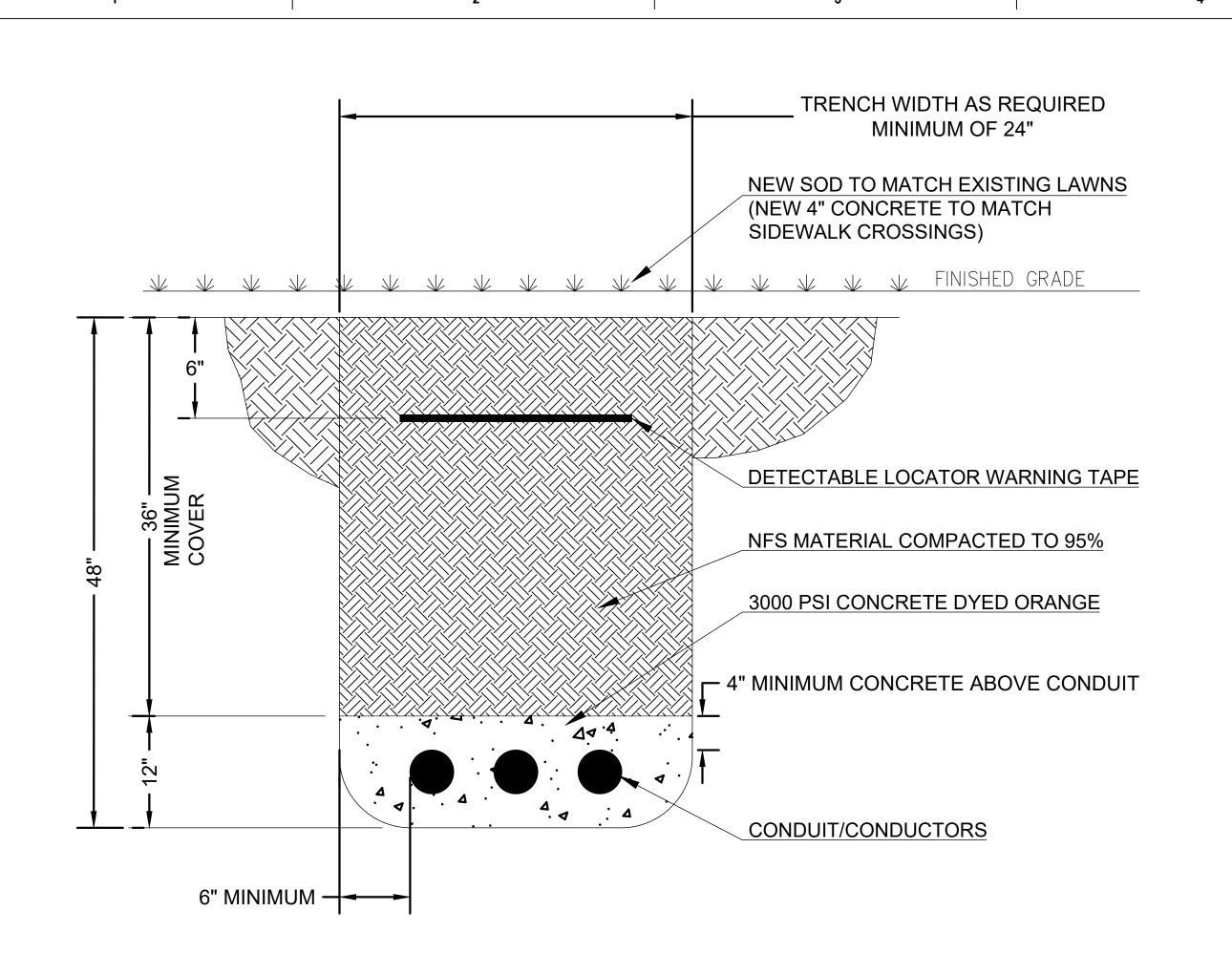
5. ALL STORMWATER TREATMENT FACILITIES SHALL BE CONSTRUCTED AND LANDSCAPED PRIOR TO THE STORM WATER SYSTEM FUNCTIONING AND SITE PAVING.

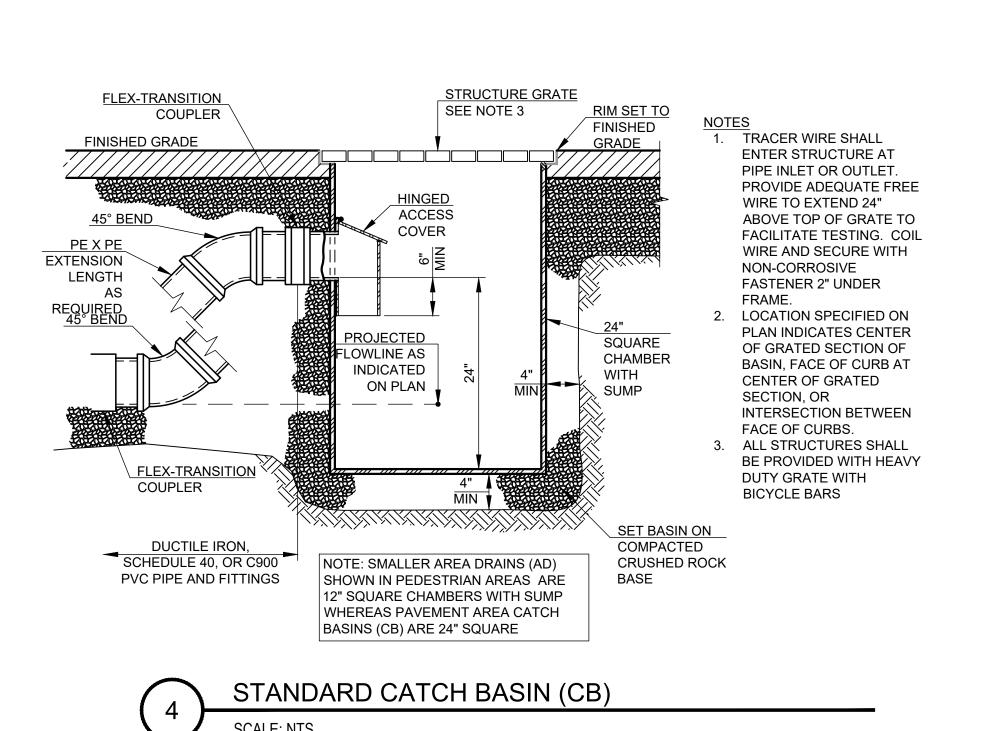
6. INLET PROTECTION, INSTALLED AT THE COMMENCEMENT OF THE PROJECT, SHALL REMAIN IN PLACE DURING PAVING ACTIVITIES. CONTRACTOR TO REVIEW CONDITION OF INLET PROTECTION FOLLOWING PAVING ACTIVITIES AND REPLACE BMP AS NEEDED.

CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	PROGRAM	Drawing Title CIVIL - BUILDING 1 TELECOM ROOM	100% CD FINAL SOLUTION		Project Number 568A4-21-702
	A/E: GDM 1000 W STEUBEN ST, UNIT 3	SPEN JOSIAH GOOD AND SPEN JOSIAH GOOD AND SPEN JOSIAH GOOD WASHINGTON THE PROPERTY OF WASHINGTON THE P	CONTRACTING ACTIVITY	EROSION CONTROL PLAN		UPGRADES	Building Number 01
BIND	BINDGE, WA 98605	46941	CENTRAL (PCAC)	Approved: Project Director	FULLY SPRINKLERED	Location HOT SPRINGS, SOUTH DAKOTA	Drawing Number
	ADAM GOODIN, PE ARCHITECTS • ENGINEERS	SOJONAL ENGLIS	U.S. Department of Veterans Affairs		FULLI SPRINKLERED	Issue Date 02/23/2022 Checked AJG Drawn RDR	CG0101

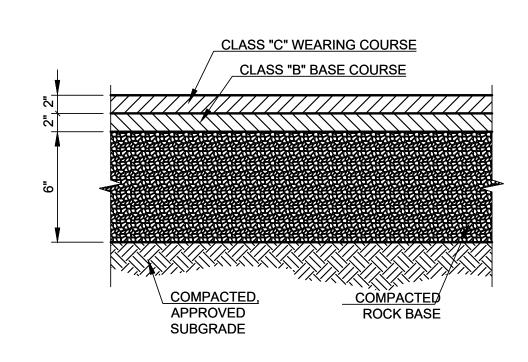




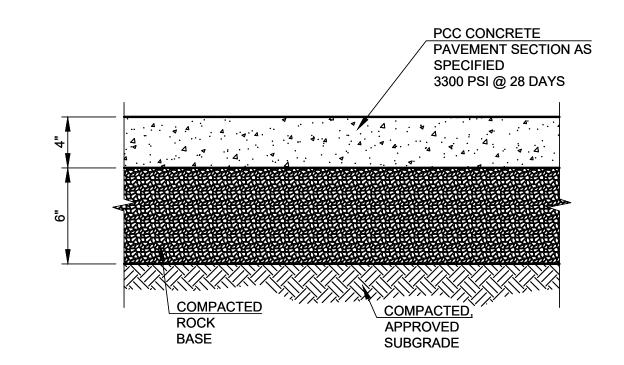




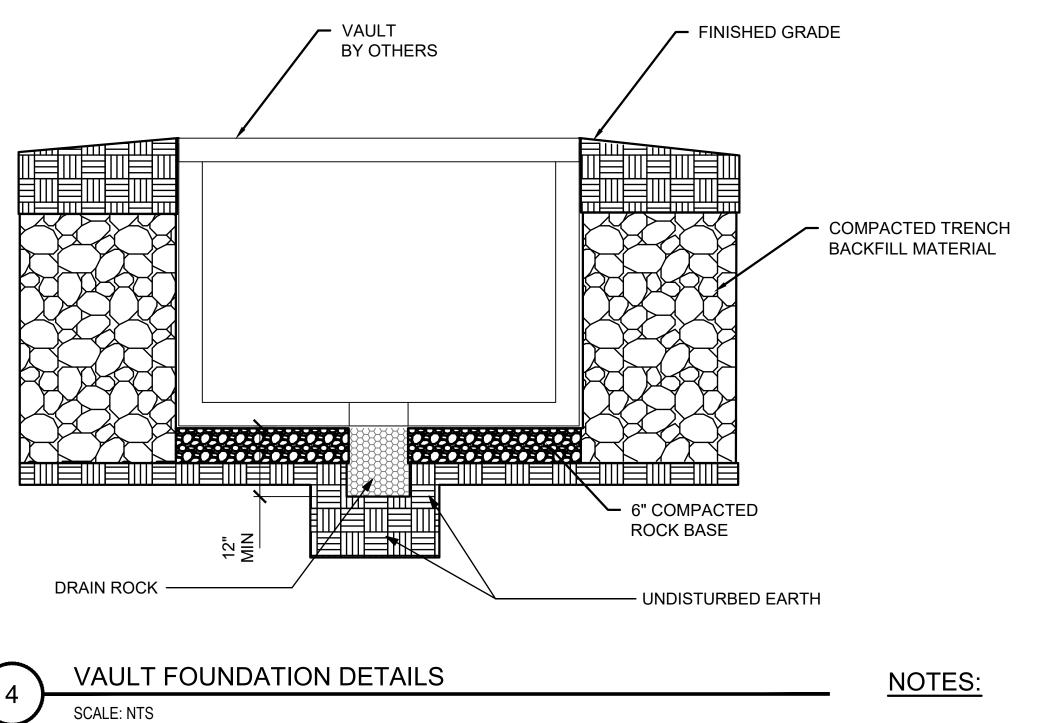
TRENCH DETAIL



ASPHALT PAVEMENT DETAILS SCALE: NTS

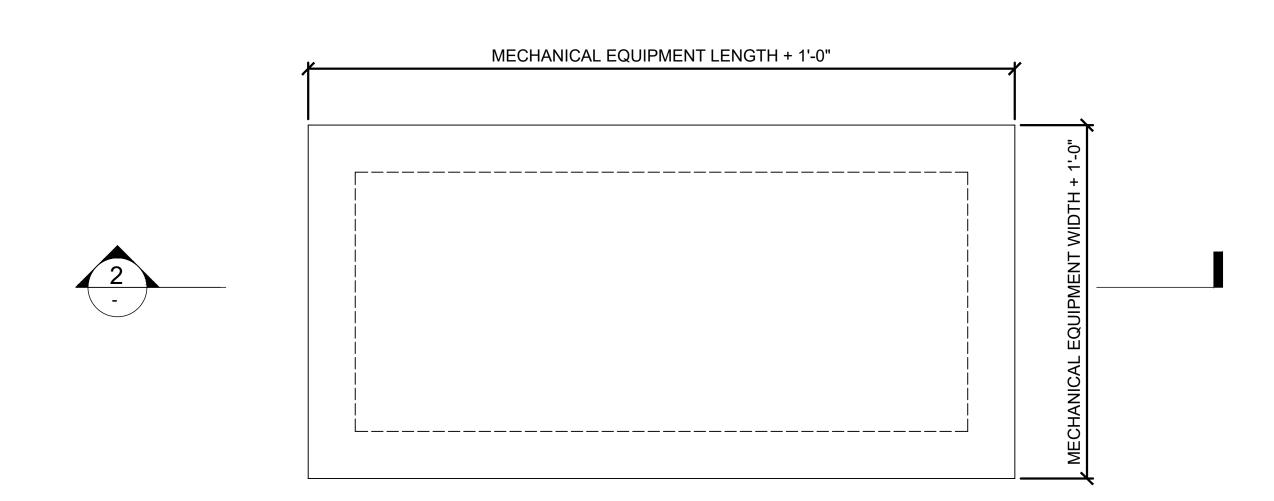


CONCRETE PAVEMENT DETAILS SCALE: NTS



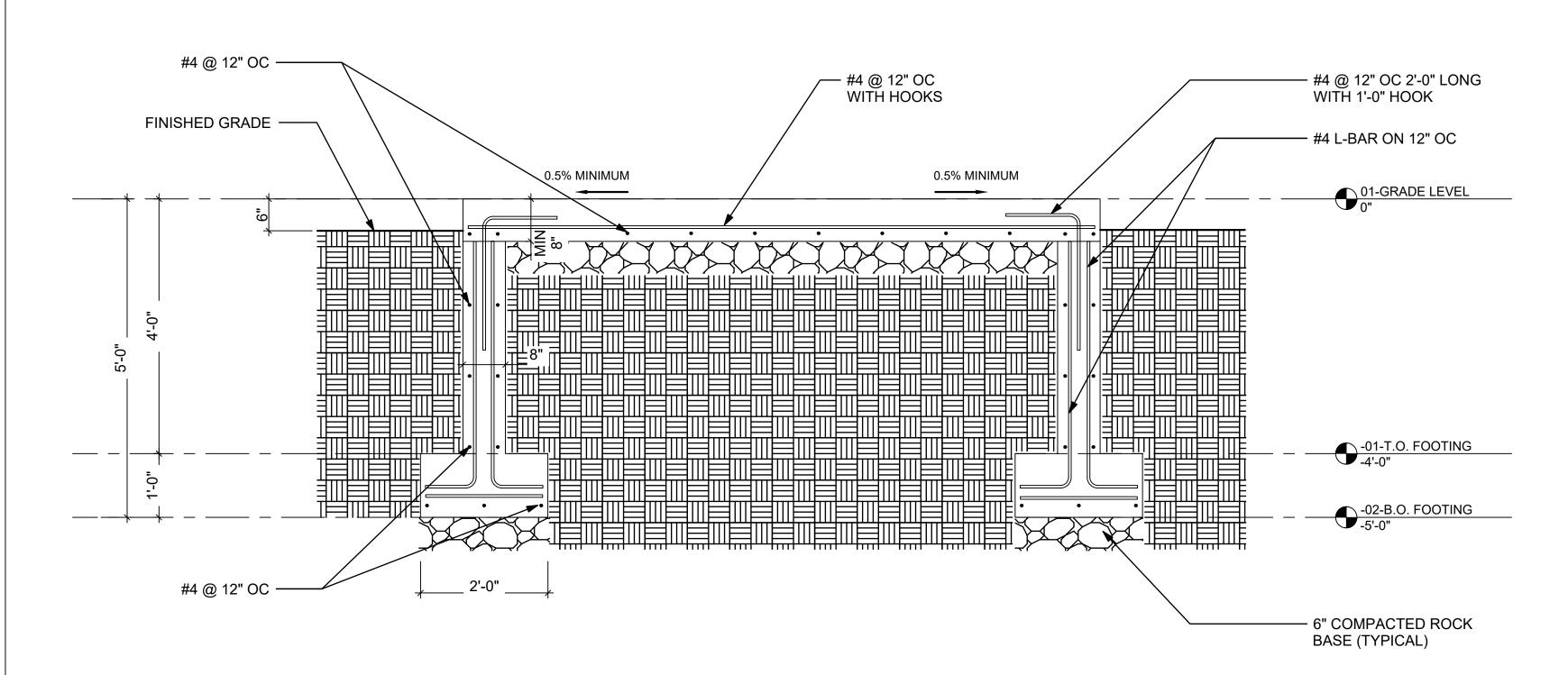
1. DRAIN ROCK - 12" SQUARE BY MINIMUM 12" DEPTH CENTERED UNDER THE VAULT SUMP DISCHARGE.

	CONSULTANT	ARCHITECT/ENGINEER OF RECORD STAMP	PROGRAM	Drawing Title CIVIL - DETAILS	100% CD FINAL SOLUTION		Project Number 568A4-21-702
		1000 W STEUBEN ST, UNIT 3 BINDGE, WA 98605	CONTRACTING ACTIVITY CENTRAL (PCAC)	Approved: Project Director	FLS	UPGRADES Location HOT SPRINGS, SOUTH DAKOTA	Building Number Drawing Number
Revisions:		P: 541.436.4723 ADAM GOODIN, PE ARCHITECTS • ENGINEERS	U.S. Department of Veterans Affairs		FULLY SPRINKLERED	Issue Date O2/23/2022 Checked AJG Drawn RDR	CJ0001
2 1 2	3	5	6	7	8	9	10



OUTDOOR MECHANICAL EQUIPMENT FOUNDATION PLAN

SCALE: NTS



OUTDOOR MECHANICAL EQUIPMENT FOUNDATION DETAILS

SCALE: NTS

VA FORM 08 - 6231

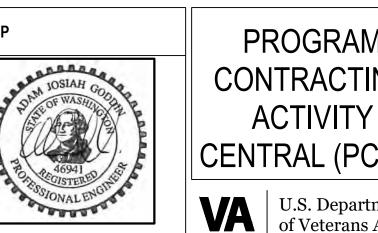
NOTES:

- 1. PROVIDE FALSE WORK AND SHORING AS REQUIRED FOR
- NEW AND EXISTING MATERIALS.

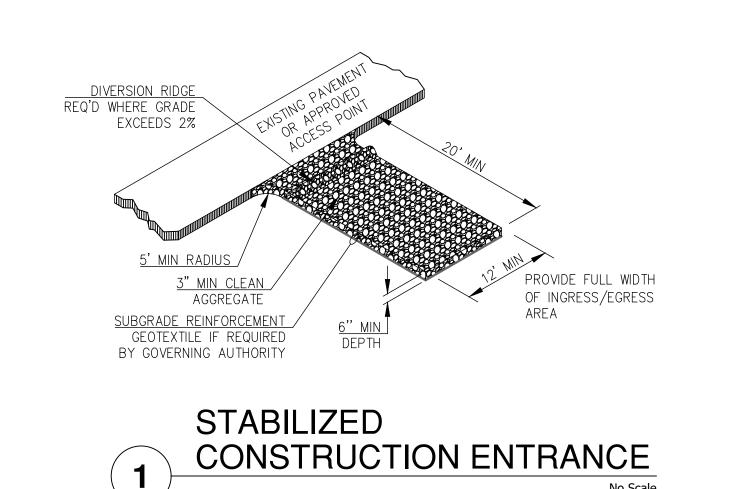
 2. CONTROL JOINTS REQUIRED IF SURFACE IS GREATER
- THAN 100 SQUARE FEET.

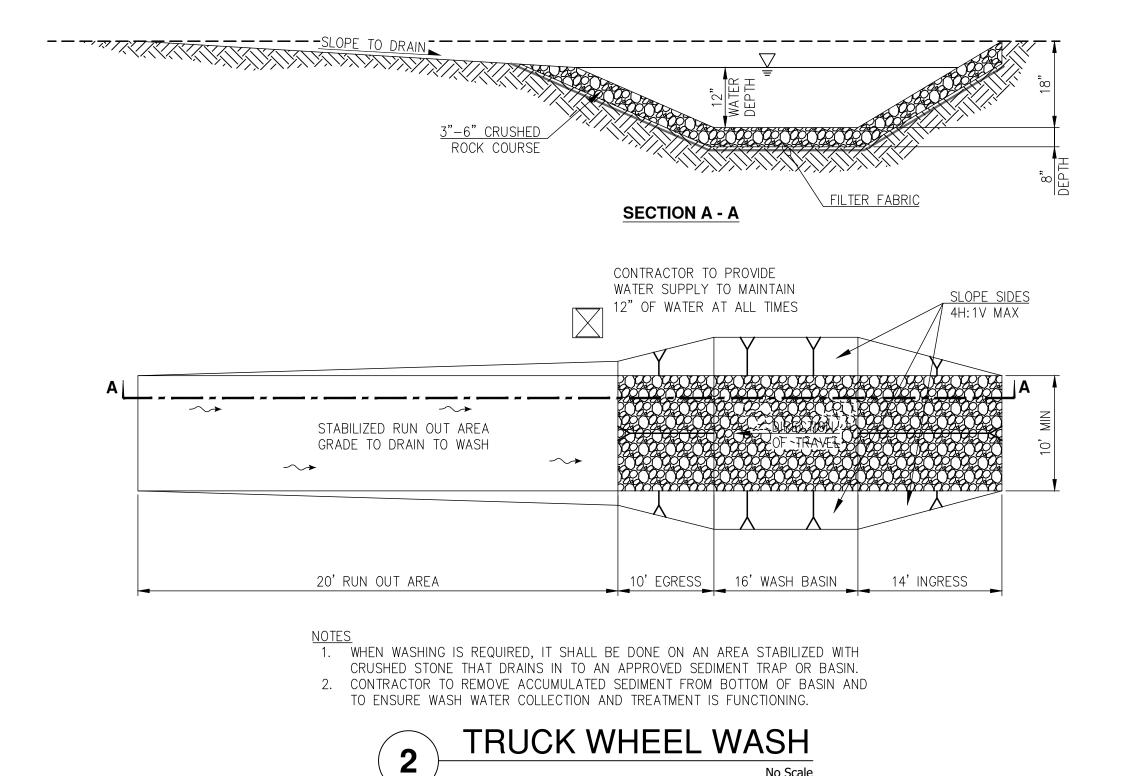
 3. 5,000 POUNDS MAXIMUM ALLOWABLE EQUIPMENT
- WEIGHT.
 4. CONCRET
- CONCRETE: 3300 PSI @ 28 DAYS.
 MINIMUM CONCRETE COVER OF 2".

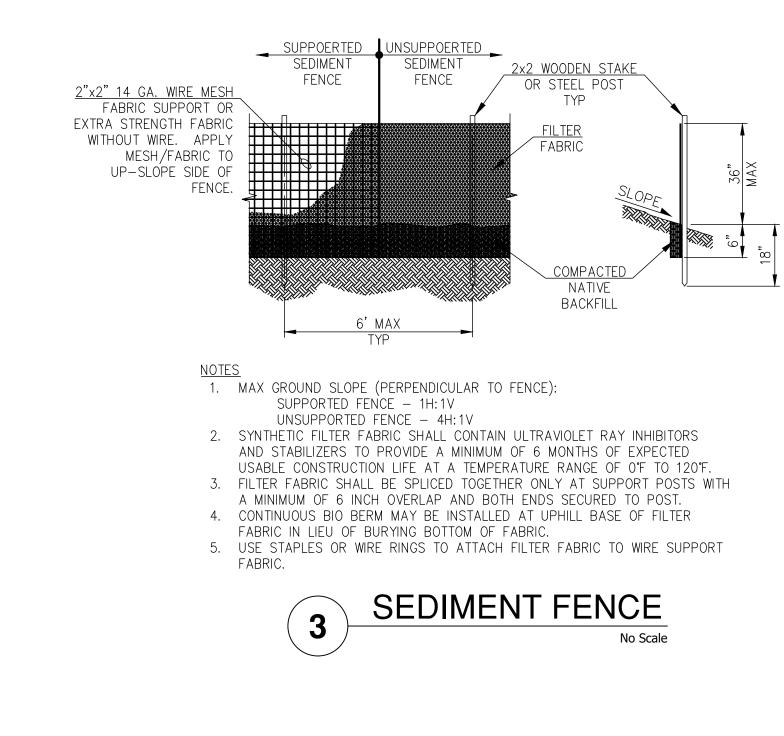
	CONSULTANT	ARCHITECT/ENGINEER OF RECORD \$1
evisions:		A/E: GDM 1000 W STEUBEN ST, UNIT 3 BINDGE, WA 98605 P: 541.436.4723 ADAM GOODIN, PE ARCHITECTS • ENGINEERS

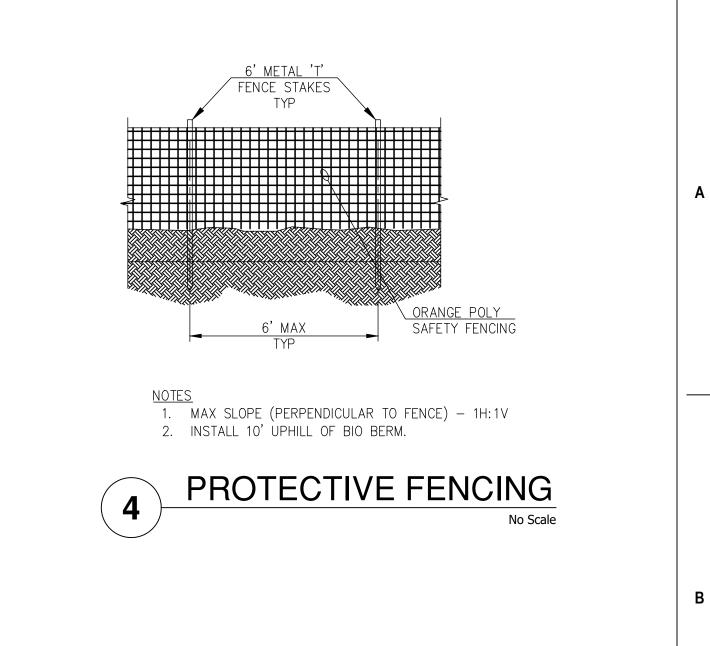


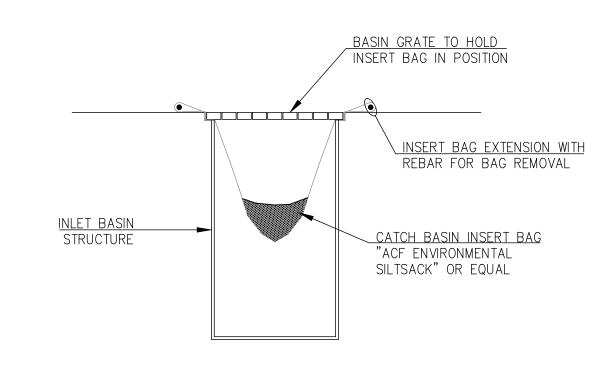
OGRAM	Drawing Title CIVIL - DETAILS	100% CD FINAL SOLUTION	Project Title EHRM INFRAST	RUCTURE		Project Number 568A4-21-702
RACTING			UPGRADES			Building Number
TIVITY	Approved: Project Director	FLS	Location			Drawing Number
RAL (PCAC)		FULLY SPRINKLERED	HOT SPRINGS,	SOUTH DA	KOTA	
J.S. Department of Veterans Affairs		FULLI SPRIINKLERED	1ssue Date 02/23/2022	Checked AJG	Drawn RDR	CJ0002











INLET STRUCTURE INSERT BAG
NO SCALE

	CONSULTANT	ARCHITECT/ENGINEER OF RECORD STAMP A/E: GDM STAMP	PROGRAM CONTRACTING	CIVIL - EROSION CONTROL DETAILS	100% CD FINAL SOLUTION	Project Title EHRM INFRASTRUCTU UPGRADES	URE Project Number 568A4-21-702 Building Number
		1000 W STEUBEN ST, UNIT 3 BINDGE, WA 98605 P: 541.436.4723	ACTIVITY CENTRAL (PCAC)	Approved: Project Director	FULLY SPRINKLERED	Location HOT SPRINGS, SOUT	
Revisions:		ADAM GOODIN, PE ARCHITECTS • ENGINEERS ARCHITECTS • ENGINEERS	U.S. Department of Veterans Affairs		I OLLI SPININKLLIKLD	Issue Date 02/23/2022 Checked AJG	Drawn CJ0003
FORM 08 - 6231							

ABBREVIATIONS:

VA FORM 08 - 6231

&	AND			PNL	PANEL
L or L	ANGLE	FF	FINISH FLOOR	PSF	POUNDS PER SQUARE FOOT
@	AT	FIN	FINISH	PSI	POUNDS PER SQUARE INCH
CL or L	CENTERLINE	FLR	FLOOR		
DIA or 🛭	DIAMETER	FND	FOUNDATION	R	RADIUS
#	NUMBER or POUND	FOC	FACE OF CONCRETE	REF	REFERENCE
or //	PARALLEL	FOS	FACE OF STUDS	REINF	REINFORCE(D)(ING)
	PERPENDICULAR	FRMG	FRAMING	REQ or REQD	REQUIRED
PL or PL	PLATE (STEEL)	FS	FAR SIDE	REV	REVISE or REVISION
		FT	FEET (FOOT)	RTNS	RETURNS
AB	ANCHOR BOLT	FTG	FOOTING		
ADDL	ADDITIONAL		0.1105 (0.105)	SAD	SEE ARCHITECTURAL DRAWING
ADJ	ADJACENT	GA	GAUGE (GAGE)	SCBF	SPECIAL CONCENTRIC BRACE
AGGR	AGGREGATE	GALV	GALVANIZED		FRAME
ADDDOX	ALTERNATE (LV)	GL	GLU-LAM	SCHED	SCHEDULE SELE DRILLING SUFET METAL
APPROX	APPROXIMATE(LY)	GLB	GLU-LAM BEAM	SDSM	SELF DRILLING SHEET METAL SECTION
ARCH	ARCHITECT(URAL) AMERICAN SOCIETY for TESTING	GN GR	GANG NAIL GRADE		STRUCTURAL ENGINEER OR
ASTM	and MATERIALS	GRND	GROUND	SEOR	RECORD
		GINID	GROOND	SF	SQUARE FEET
BF	BRACED FRAME	HD	HOLDOWN	SHT	SHEET
BLDG	BUILDING	HDG	HOT DIPPED GALVANIZED	SHTG	SHEATHING
BLKG	BLOCKING	HDR	HEADER	SIM	SIMILAR
BM	BEAM	HK	HOOK	SIMP or (S)	SIMPSON
ВО	BOTTOM OF	HORIZ	HORIZONTAL	SMRF	SPECIAL MOMENT RESISTING FRAME
BOT	BOTTOM	HS	HEADED STUD	SMS	SHEET METAL SCREW
BRB	BUCKLING RESTRAINED BRACE	HSS	HOLLOW STRUCTURAL SECTION	SN	SILL NAILING
BRG	BEARING	HT	HEIGHT	SOG	SLAB ON GRADE
BTWN	BETWEEN			SPEC	SPECIFICATION
		IBC	INTERNATIONAL BUILDING CODE	SQ	SQUARE
CJ	CONTROL JOINT	ICC	INTERNATIONAL CODE COUNCIL	SS	STAINLESS STEEL
CLG	CEILING	ID	INSIDE DIAMETER	STAG	STAGGER or STAGGERED
CLR	CLEAR(ANCE)	IN	INCH(ES)	STD	STANDARD
CMU	CONCRETE MASONRY UNIT			STIFF	STIFFENER
COL	COLUMN	JST	JOIST	STL	STEEL
CONC	CONCRETE	JT	JOINT	STRUC	STRUCTURAL
CONN	CONNECTION			SUSP	SUSPENDED
CONST	CONSTRUCTION	LAG	LAG BOLT	SYM	SYMMETRICAL
CONT	CONTINUOUS COMPLETE PENETRATION	LLH	LONG LEG HORIZONTAL		
CSK	COUNTERSUNK	LLV	LONG LEG VERTICAL	T&B	TOP AND BOTTOM
CTR	CENTER	LMPT	LIGHT METAL PLATE TRUSS	T&G	TONGUE AND GROOVE
OIK	OLIVILIX	LONG	LONGITUDINAL	THK	THICK(NESS)
DBL	DOUBLE			THRD	THREADED
DF	DOUGLAS FIR	MAX	MAXIMUM	TN	TOE NAIL
DIA	DIAMETER	MB	MACHINE BOLT	ТО	TOP OF
DIAG	DIAGONAL	MECH	MECHANICAL	TRANS	TRANSVERSE
DIM	DIMENSION	MF	MOMENT FRAME	TSN	THE STEEL NETWORK
DIST	DISTANCE	MFR	MANUFACTURER	TYP	TYPICAL
DKG	DECK/DECKING	MIN	MINIMUM		
DN	DOWN	MISC	MISCELLANEOUS	UNO	UNLESS NOTED OTHERWISE
do	DITTO	MTL	METAL	URM	UNREINFORCED MASONRY
DS	DRAG STRUT	(A.I.)	NEW	VEDT	VERTICAL
DTL	DETAIL	(N)	NEW	VERT	VERTICAL VERIFY IN FIELD
DWG	DRAWING	N No	NORTH NUMBER	VII	VENIT INTILLD
DWL(S)	DOWEL(S)	NS	NEAR SIDE	W/	WITH
		N-S	NON-SHRINK	W/O	WITHOUT
EA	EACH	NTS	NOT TO SCALE	WD	WOOD
EE	EACH END	1410	THOT TO GOTALL	WF	WIDE FLANGE
EF	EACH FACE	ос	ON CENTER	WHS	WELDED HEADED STUD
ELEV	ELEVATION	OD	OUTSIDE DIAMETER	WP	WATER PROOF or WORK POIN
EMB	EMBEDMENT	OPNG	OPENING	WT	WEIGHT
EN	EDGE NAILING	OPP	OPPOSITE	WTR	WELDED THREADED ROD
EOR	ENGINEER OF RECORD	OWSJ	OPEN WEB STEEL JOIST	WTS	WELDED THREADED STUD
EQ	EQUAL		,	WWF	WELDED WIRE FABRIC
ES	EACH SIDE	PDF	POWDER DRIVEN FASTENERS		
EW	EACH WAY	PEN	PANEL EDGE NAILING	X HVY	EXTRA HEAVY
EXIST or (E)	EXISTING	PERP	PERPENDICULAR	X STR	EXTRA STRONG
1 - '		FLNF	I LIN LINDIOOLIN		1
EXP EXT	EXPANSION EXTERIOR	PLYWD or PLY	PLYWOOD	XX HVY	DOUBLE EXTRA HEAVY

DESIGN STANDARD

2021 INTERNATIONAL BUILDING CODE (IBC) WITH THE VA H-18-8 SEISMIC DESIGN STANDARD

DESIGN CRITERIA

DESIGN ALL LOADS FOR NEW CONSTRUCTION, UNLESS NOTED OTHERWISE.

LIVE LOADS

A. FLOOR LIVE LOADS:

a. PUBLIC AND EXIT FLOORS

50 PSF OR 2000 LB (REDUCIBLE ACCORDING TO INTERNATIONAL BUILDING CODE REQUIREMENTS)

 b. OFFICE FLOORS c. PARTITIONS

d. LIGHT STORAGE FLOORS

100 PSF e. STAIRS

SNOW LOADS

A. GROUND SNOW LOAD: $P_n = 30 PSF$ B. FLAT-ROOF SNOW LOAD: $P_f = 25 PSF$ $C_{\rm e} = 1.0$

C. SNOW EXPOSURE FACTOR: D. SNOW LOAD IMPORTANCE FACTOR:

 $I_{s} = 1.0$ $C_1 = 1.0$ E. THERMAL FACTOR:

F. SNOW BUILD-UP:

4. WIND DESIGN DATA: INTERNATIONAL BUILDING CODE ASCE 7 A. ULTIMATE DESIGN WIND SPEED: $V_{ult} = 111 \, mph$

B. NOMINAL DESIGN WIND SPEED: C. RISK CATEGORY:

D. EXPOSURE:

E. INTERNAL PRESSURE COEFFICIENT: $GC_{ni} = 0.18$ F. EXTERIOR COMPONENT AND CLADDING DESIGN WIND PRESSURES:

COMPONENT AND CLADDING NET DESIGN PRESSURES 27.4 PSF (ULT), 16.4 PSF (ASD) WINDWARD WALLS -36.6 PSF (ULT), -22.0 PSF (ASD) WITHIN 10% OF BUILDING CORNER

-29.7 PSF (ULT), -17.8 PSF (ASD) EVERYWHERE ELSE a. POSITIVE SIGNS SIGNIFY PRESSURE ACTING TOWARD THE EXTERIOR SURFACE

b. NEGATIVE SIGNS SIGNIFY PRESSURES ACTING FROM THE EXTERIOR SURFACE

c. PRESSURES SHOWN ARE CALCULATED FOR A 10 SF EFFECTIVE AREA. PRESSURES MAY BE REDUCED FOR ELEMENTS WITH LARGER EFFECTIVE AREAS, PER ASCE 7.

5. SEISMIC DESIGN DATA

LEEWARD WALLS

A. RISK CATEGORY: B. SEISMIC IMPORTANCE FACTOR: $I_e = 1.0$

C. MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS: $S_s = 0.211 \, g$ $S_t = 0.050 \, g$

D. SITE CLASSIFICATION: E. DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS: $S_{DS} = 0.225 g$ $S_{D1} = 0.080 g$

F. SEISMIC DESIGN CATEGORY:

G. BASIC SEISMIC FORCE RESISTING SYSTEM: STEEL ORDINARY MOMENT FRAMES H. SEISMIC RESPONSE COEFFICIENT: $C_S = 0.063$

I. RESPONSE MODIFICATION COEFFICIENT: R = 3.5

J. ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE PROCEDURE 6. GEOTECHNICAL INFORMATION

A. DESIGN LOAD BEARING VALUE OF SOILS: 2,000 PSF

1. THESE STRUCTURAL NOTES ARE A SUPPLEMENT TO THE SPECIFICATIONS.

SPECIFICATIONS AND CODES REFERENCED IN THESE NOTES ARE THE VERSIONS MOST RECENTLY ADOPTED BY THE PERMITTING AUTHORITY.

3. VERIFY DIMENSIONS AND CONDITIONS WITH THE ARCHITECTURAL DRAWINGS. FIELD VERIFY DIMENSIONS AND ELEVATIONS RELATIVE TO THE EXISTING STRUCTURE PRIOR TO FABRICATION OF MATERIALS.

4. FOR FEATURES OF CONSTRUCTION NOT FULLY SHOWN, PROVIDE THE SAME TYPE AND CHARACTER AS SHOWN FOR SIMILAR CONDITIONS, SUBJECT TO REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.

APPLY, PLACE, ERECT OR INSTALL ALL PRODUCTS AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. 6. ADEQUATELY BRACE STRUCTURE AND ALL STRUCTURAL COMPONENTS AGAINST WIND, LATERAL EARTH AND SEISMIC FORCES UNTIL THE PERMANENT LATERAL-FORCE RESISTING SYSTEMS HAVE BEEN INSTALLED.

7. SUBMITTALS: A. SUBMIT SHOP DRAWINGS FOR:

a. REINFORCING STEEL

b. STRUCTURAL STEEL

c. METAL DECK B. SUBMIT AS DEFERRED SUBMITTALS SHOP DRAWINGS STAMPED BY A REGISTERED STRUCTURAL ENGINEER LICENSED IN THE STATE OF SOUTH

DAKOTA, TO BE REVIEWED BY EOR PRIOR TO SUBMITTAL TO BUILDING DEPARTMENT FOR PERMIT, FOR:

a. BIDDER-DESIGN STRUCTURAL ITEMS STAIRS AND STAIR SYSTEMS

STORE FRONT AND WINDOW SYSTEMS SEISMIC BRACING OF PIPING AND ELECTRICAL CONDUITS

MECHANICAL UNIT ATTACHMENTS TO CURBS

C. SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION OF MATERIAL. D. WHERE SPECIAL INSPECTION OR TESTING IS REQUIRED BY IBC CHAPTER 17, THE REGISTERED STRUCTURAL ENGINEER(S) FOR EACH STAMPED SUBMITTAL ABOVE SHALL PREPARE A STATEMENT OF SPECIAL INSPECTIONS IN ACCORDANCE WITH IBC SECTION 1705 FOR SUBMITTAL BY THE PERMIT APPLICANT.

1. REMOVE VEGETATION, RUBBISH AND EXISTING FILL WITHIN BUILDING FOOTPRINT AND 5'-0" (MINIMUM) BEYOND THE FOOTPRINT. STRIP TOP SOIL 6",

2. PRE-ROLL AREA WITHIN BUILDING FOOTPRINT AND 5'-0" (MINIMUM) BEYOND THE FOOTPRINT WITH A HEAVY VIBRATORY ROLLER OR LOADED DUMP

TRUCK. MAKE 3 PASSES (MINIMUM) OVER THE ENTIRE AREA. 3. REMOVE AREAS OF SOIL, AS REQUIRED, THAT EXHIBIT EXCESSIVE WEAVING OR DEFLECTION UNDER THE WEIGHT OF THE ROLLER OR DUMP TRUCK.

STRUCTURAL FILL OR BACK-FILL

AVOID DAMAGE TO WALLS.

 STRUCTURAL FILL MATERIAL: A. SAND AND GRAVEL MIXTURE OR CRUSHED ROCK.

B. WELL GRADED FROM COARSE-TO-FINE WITH LESS THAN 10% BY WEIGHT OF THE MINUS 3/4" FRACTION PASSING THE NO. 200 SIEVE.

C. FREE OF ORGANICS, RUBBISH, CLAY BALLS AND ROCKS LARGER THAN 4". 2. PLACE STRUCTURAL FILL IN LOOSE LIFTS, MAXIMUM OF 8" IN THICKNESS.

4. BACK-FILL EXCAVATED AREAS WITH STRUCTURAL FILL AS DESCRIBED BELOW.

3. COMPACT STRUCTURAL FILL TO A MINIMUM DENSITY OF 95% OF MAXIMUM DRY DENSITY, AS DETERMINED BY ASTM D 1557. 4. VERIFY ADEQUACY OF STRUCTURAL FILL COMPACTION WITH RANDOM FIELD DENSITY TESTS IN ACCORDANCE WITH REQUIREMENTS OF

"STRUCTURAL TESTS AND SPECIAL INSPECTIONS", IBC CHAPTER 17. 5. COMPACT STRUCTURAL FILL WITHIN 5'-0" OF RETAINING OR BASEMENT WALLS WITH LIGHT-WEIGHT, HAND-HELD EQUIPMENT. EXERCISE CARE TO

1. FOUNDATION SIZES BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF. 2. PLACE FOOTINGS ON FIRM, UNDISTURBED ORIGINAL SOIL, OR ON STRUCTURAL FILL. SEE "STRUCTURAL FILL OR BACK-FILL" NOTES FOR

STRUCTURAL FILL INFORMATION.

3. LOCATE BOTTOM OF FOOTINGS AT A MINIMUM OF 3'-6" BELOW GRADE.

4. PRIOR TO PLACEMENT OF CONCRETE, REMOVE ALL DISTURBED SOIL FROM FOOTING EXCAVATION TO NEAT LINES.

5. STEP BOTTOM OF FOOTINGS FROM ELEVATION TO ELEVATION AT A RATIO OF 1 VERTICAL TO 2 HORIZONTAL, WITH A MAXIMUM VERTICAL STEP OF

CONCRETE REINFORCING STEEL

1. REINFORCING STEEL SHALL BE ASTM A 615, GRADE 60.

2. WELDED REINFORCEMENT: ASTM A 706, GRADE 60. USE 80 KSI FILLER MATERIAL FOR WELDING.

3. WELDED WIRE FABRIC: ASTM A 185, FLAT SHEETS

4. DETAIL, FABRICATE AND PLACE REINFORCING ACCORDING TO ACI 315, DETAILS AND DETAILING OF CONCRETE REINFORCEMENT. 5. TYPICAL REINFORCING (MINIMUM, UNLESS NOTED OTHERWISE ON DRAWINGS):

A. CORNERS AND INTERSECTIONS OF WALLS AND FOUNDATIONS: CORNER BARS EQUAL IN SIZE AND NUMBER TO HORIZONTAL REINFORCING. LEG LENGTH: 48 BAR DIAMETER (2'-0" MINIMUM).

6. DO NOT FIELD BEND, DISPLACE, WELD. HEAT OR CUT REINFORCING UNLESS INDICATED ON THE DRAWINGS, OR APPROVED BY STRUCTURAL

ENGINEER OF RECORD. 7. MINIMUM COVER FROM CONCRETE SURFACES TO REINFORCING:

3" TO BOTTOM OF FOOTING

2" ± 1/4" TO EARTH FACE OF WALL

1" ± 1/4" TO INSIDE FACE OF WALL

3/4" ± SLAB TO TOP AND BOTTOM SURFACES CENTER OF SLABS-ON-GRADE

8. REINFORCING LAP SPLICES (INCHES): CONFORM WITH ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", AS SHOWN BELOW, UNLESS NOTED OTHERWISE ON DRAWINGS:

	300	0 PSI	4000 PSI		
BAR SIZE	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	
#3	28	22	24	19	
#4	37	29	32	25	
#5	47	36	40	31	
#6	56	43	48	37	
#7	81	63	70	54	
#8	93	72	80	62	
#9	105	81	91	70	
#10	118	91	102	79	

#11 131 101 113 87

A. TOP BARS ARE DEFINED AS HORIZONTAL BARS PLACED SUCH THAT MORE THAN 12" OF CONCRETE IS PLACED BELOW THE BARS.

B. SPLICE LENGTH BASIS: CLASS B, CASE 1 SPLICE, WITH CENTER-TO-CENTER BAR SPACING OF GREATER THAN 3 BAR DIAMETERS.

CAST-IN-PLACE CONCRETE

ALL CONCRETE MATERIALS, FORM WORK, MIXING, PLACING AND CURING SHALL BE IN ACCORDANCE WITH:

A. ACI 301 "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE". B. ACI 305 "RECOMMENDED PRACTICE FOR HOT WEATHER CONCRETING" AND

C. ACI 306 "RECOMMENDED PRACTICE FOR COLD WEATHER CONCRETING."

2. CONCRETE MIX DESIGN:

UNLESS NOTED OTHERWISE, ALL CONCRETE STRENGTH SHALL BE: . 3,000 PSI FOR: FOOTINGS

-4,000 PSI FOR: INTERIOR SLABS-ON-GRADE (MAXIMUM WATER/CEMENT RATIO = 0.40; MINIMUM COARSE AGGREGATE SIZE = 1") CONCRETE OVER METAL DECK

3,000 PSI FOR: OTHER CONCRETE

LABORATORY-CURED CONCRETE CYLINDER TESTS.

B. NO WATER SHALL BE ADDED TO THE CONCRETE OTHER THAN THAT REQUIRED BY THE MIX DESIGN APPROVED BY THE ENGINEER OF RECORD. WATER ADDED AFTER INITIAL CONCRETE BATCHING SHALL BE SPECIAL INSPECTED.

- A. UNLESS NOTED OTHERWISE, CONCRETE STRENGTH SHALL BE OBTAINED AT A MINIMUM OF 28 DAYS AFTER PLACING AS DETERMINED BY

C. PREPARE MIX DESIGNS FOR EACH TYPE OF CONCRETE BY EITHER LABORATORY TRIAL BATCH OR FIELD EXPERIENCE METHODS AS SPECIFIED IN

D. USE PORTLAND CEMENT TYPE FOR II; CONFORM WITH ASTM C 150; SUPPLY FROM 1 SOURCE. E. AGGREGATES SHALL CONFORM WITH ASTMIC 33 AND BE THOROUGHLY CLEANED AND WASHED PRIOR TO USE.

F. REPLACE UP TO 20% OF CEMENT WITH FLY ASH. FLY ASH SHALL CONFORM WITH ASTM C 618, CLASS C OR F. CONCRETE MIX STRENGTH TEST DATA SHALL BE PROVIDED.

 \Box G. CONCRETE EXPOSED TO WEATHER SHALL HAVE 5% \pm 1% ENTRAINED AIR, BY VOLUME, AND SHALL CONFORM WITH ASTM C 260. H. SLABS-ON-GRADE SHALL UTILIZE SUPER PLASTICIZERS.

CONCRETE MIX PROPORTIONS:

 A. PROPORTION ACCORDING TO ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE". B. SUBMIT MIX DESIGNS, WITH COMPLETE STATISTICAL BACKUP, FOR REVIEW.

4. SAMPLING AND TESTING OF CONCRETE: A. CONCRETE COMPRESSIVE STRENGTH OF LABORATORY CURED CYLINDERS SHALL BE TESTED AFTER THE SPECIFIED PERIOD AT 28 DAYS OR 56 DAYS AS NOTED.

B. SAMPLE, CURE AND TEST CONCRETE CYLINDERS ACCORDING TO APPLICABLE ASTM SPECIFICATIONS.

C. ACCEPTANCE OF COMPRESSIVE STRENGTH TEST RESULTS SHALL BE GOVERNED BY ACI 318, CHAPTER 5.

D. TEST A MINIMUM OF 3 CONCRETE TEST CYLINDERS FOR EACH 150 CU. YARDS OF CONCRETE, NOT LESS THAN ONE FOR EACH 5,000 SQUARE FEET OF SURFACE AREA FOR SLABS AND WALLS, OR EACH DAY OF POUR, FOR EACH CONCRETE STRENGTH. TEST 1 CYLINDER AT 7 DAYS AND 2

CYLINDERS AT 28 DAYS. E. CAST 1 ADDITIONAL CYLINDER FOR STRENGTH VERIFICATION, IF PROBLEMS HAVE DEVELOPED FROM PREVIOUS 28 DAY BREAKS.

A. CONSTRUCTION JOINTS BETWEEN FOOTINGS AND WALLS, COLUMNS OR PILASTERS AND THE SLABS THEY SUPPORT AND WALL CONSTRUCTION JOINTS: ROUGHEN CONTACT AREA TO AN APPROXIMATE 1/4" AMPLITUDE, LEAVING THE CONTACT SURFACE CLEAN AND FREE OF LAITANCE.

B. CONSTRUCTION JOINTS KEYWAYS: PROVIDE WHERE SHOWN ON DRAWINGS. C. SUBMIT LOCATIONS AND DETAILS OF PROPOSED CONSTRUCTION JOINTS NOT DETAILED ON THE DRAWINGS FOR REVIEW.

6. ALL SLABS AND BEAMS SHALL BE CAMBERED AT THE CENTER OF THE MEMBER. UNLESS NOTED OTHERWISE, CAMBER (IN INCHES) IS DETERMINED

BY THE CLEAR SPAN (IN INCHES) DIVIDED BY 480. SHORE ALL SELF-SUPPORTING SLABS AND BEAMS UNTIL COMPRESSIVE STRENGTH IS A MINIMUM OF 3,000 PSI.

8. CHAMFER EXPOSED CORNERS 3/4", UNLESS NOTED OTHERWISE.

EQUIVALENT TO OR HIGHER THAN THOSE SHOWN ON THE DRAWINGS.

POST-INSTALLED ANCHORS

FOR ANCHORS ON THE CONSTRUCTION DOCUMENTS NOT NOTED WITH A SPECIFIC PRODUCT TYPE OR MANUFACTURER, THE CONTRACTOR SHALL USE APPROVED ANCHORS SPECIFIED IN THE TABLE BELOW.

1. THE FOLLOWING PRODUCTS SHALL BE INSTALLED PER THE REQUIREMENTS OF THE REFERENCED PRODUCT APPROVALS SHOWN BELOW, UNLESS

NOTED OTHERWISE. 2. NO SUBSTITUTIONS SHALL BE MADE FOR POST-INSTALLED ANCHORS SHOWN ON THE CONSTRUCTION DOCUMENTS WITHOUT PRIOR APPROVAL OF THE ENGINEER OF RECORD. SUBSTITUTION REQUESTS SHALL INCLUDE CALCULATIONS PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT OCCURS, DEMONSTRATING THAT THE PROPOSED ANCHORS HAVE PERFORMANCE VALUES

ITEM	APPROVED PRODUCTS	ICC#
EXPANSION ANCHOR (CONCRETE)	HILTI KWIK BOLT TZ SIMPSON STRONG BOLT 2 DEWALT POWER STUD + SD2	ESR-1917 ESR-3037 ESR-2502
DEEP ¹ ADHESIVE ANCHOR (CONCRETE)	HILTI HIT-RE 500 V3	ESR-3814
SHALLOW ² ADHESIVE ANCHOR (CONCRETE)	HILTI HIT-HY 200 SIMPSON SET-XP DEWALT AC200+ DEWALT PURE110+ DEWALT AC100+ GOLD	ESR-3187 ESR-2508 ESR-4027 ESR-3598 ESR-2582
SCREW ANCHOR (CONCRETE)	HILTI HUS-EZ SIMPSON TITEN HD DEWALT SCREW-BOLT + DEWALT SNAKE +	ESR-3027 ESR-2713 ESR-3889 ESR-2272

 DEEP EMBEDMENTS ARE EMBEDMENTS 20 TIMES THE DIAMETER OF THE ANCHOR AND GREATER. SHALLOW EMBEDMENTS ARE EMBEDMENTS LESS THAN 20 TIMES THE ANCHOR DIAMETER.

CONSULTANT	
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ARCHITECT/ENGINEER OF RECORD

400 COLUMBIA ST, STE 240 **VANCOUVER, WA 98660**



STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC) U.S. Department of Veterans Affai

3	STRUCTURAL NOTES	100% CD FINAL SOLUTION	PROJECT TITLE EHRM INFRAST UPGRADES	RUCTURE		PROJECT NUMBER 568A4-21-70 BUILDING NUMBER 01
ent fairs	APPROVED:		LOCATION HOT SPRINGS ISSUE DATE 02/23/2022	, SOUTH DA	AKOTA DRAWN BY ATW	DRAWING NUMBER 00-SN-00

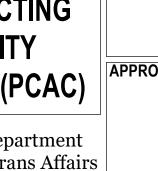
NON-SHRINK GROUT WOOD STRUCTURAL PANELS 1. CONFORM WITH ASTM C 1107 AND C.R.D.-621, CORPS OF ENGINEERS "SPECIFICATIONS FOR NON-SHRINK GROUT" 1. ORIENTED STRAND BOARD (OSB) MATERIAL: 2. SPECIFIED 28-DAY COMPRESSIVE STRENGTH: 5000 PSI. A. SHALL CONFORM WITH APA PERFORMANCE STANDARDS FOR WOOD BASED STRUCTURAL USE PANELS PRP-108 AND UNITED STATES PRODUCT 3. DO NOT PRE-GROUT BASE PLATES. STANDARD PS2-10. B. SHALL BE MANUFACTURED WITH EXTERIOR GLUE. C. SHALL BEAR THE APA TRADEMARK. SHEATHING TYPES: STRUCTURAL STEEL A. WALLS 7/16" INDEX 24/0 1. DETAIL, FABRICATE, ERECT, IDENTIFY AND PAINT STRUCTURAL STEEL ACCORDING TO AISC SPECIFICATIONS; EXCEPT CONTRACTOR SHALL USE THE 3. PANEL LAYOUT AND INSTALLATION: ARCHITECTURAL DRAWINGS IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS FOR DIMENSIONS AND STRUCTURAL STEEL NOT SHOWN ON THE A. LAY OUT PANELS WITH END JOINTS STAGGERED, UNLESS NOTED OTHERWISE. STRUCTURAL DOCUMENTS. B. LAY OUT PANELS TO ELIMINATE WIDTHS LESS THAN 1'-0" AT ROOFS, OR LESS THAN 2'-0" AT FLOORS, UNLESS ALL EDGES OF UNDERSIZED PIECES MATERIAL: ARE SUPPORTED BY BLOCKING. A. W AND WT SHAPES: ASTM A992; $F_Y = 50$ KSI C. PROVIDE PANEL SPACING ACCORDING TO APA RECOMMENDATIONS. B. M, MT, S, ST, HP, C, MC AND L SHAPES: ASTM A36; $F_y = 36$ KSI. D. BLOCK SHEAR WALL PANELS AT ALL EDGES NOT SUPPORTED BY FRAMING MEMBERS WITH 1-1/2" WIDE 33 MIL METAL STRAPS. C. STEEL HOLLOW STRUCTURAL SECTIONS (HSS): E. SCREW ACCORDING TO SCHEDULE AND DRAWINGS. ASTM A500 (COLD ROLLED): 4. PROTECT FLOOR AND ROOF PANELS FROM EXTREME WET CONDITIONS. $F_Y = 46 \text{ KSI (SQUARE, RECTANGULAR)}$ PLYWOOD SHEATHING CONNECTIONS D. STEEL PLATES: 1. NAILS IN CONTACT WITH PRESSURE-TREATED PLYWOOD SHALL BE DOUBLE HOT DIPPED GALVANIZED, EXCEPT WHEN IN CONTACT WITH ZINC BORATE OR SBX/DOT PRESERVATIVE TREATMENT. ASTM A36; $F_Y = 36$ KSI 2. WALL SHEATHING (7/16" OSB 24/0) 3. CONNECT ALL MEMBERS WITH HIGH-STRENGTH BOLTS. A. BLOCK ALL EDGES NOT SUPPORTED BY FRAMING MEMBERS WITH 1-1/2" WIDE 33 MIL METAL STRAPS. A. BEARING TYPE CONNECTIONS, TYPE N: a. PROVIDE ASTM A325, TYPE N BOLTS AT ALL LOCATIONS NOT NOTED ON DRAWINGS AS TYPE SC. B. SCREWS: AT EDGES OF EACH SHEET TO STUDS, BLOCKING & PLATES b. PROVIDE HARDENED WASHERS CONFORMING TO ASTM F436 UNDER ELEMENTS TO BE TIGHTENED. PROVIDE NUTS CONFORMING TO ASTM AT INTERIOR OF EACH SHEET #8 AT 10" OC c. TIGHTEN TYPE N BEARING BOLTS TO A SNUG TIGHT CONDITION. AT BOUNDARIES OF WALL #8 AT 6" OC B. SLIP CRITICAL CONNECTIONS (TYPE SC), FOR USE ONLY WHERE NOTED ON DRAWINGS: a. PROVIDE ASTM A325 LOAD-INDICATING BOLT ASSEMBLIES. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. SPECIAL INSPECTION PROGRAM b. IN LIEU OF LOAD-INDICATING BOLTS, PROVIDE STANDARD TYPE ASTM A325 SC BOLTS (CLASS A) WITH LOAD-INDICATING WASHERS. WASHERS TO CONFORM WITH ASTM F959. INSPECTION TASK / TYPE OF WORK CONTINUOUS* PERIODIC* COMMENTS c. FULLY TENSION TYPE SC BOLTS. d. REMOVE ALL PAINT AT SLIP-CRITICAL BOLT CONTACT SURFACES, OR PROVIDE CLASS A CONTACT SURFACE. C. INSTALL HIGH-STRENGTH BOLTS ACCORDING TO ASTM STANDARDS. REF. PROJECT GRADING, EXCAVATION & FILL D. DO NOT WELD TO HIGH-STRENGTH BOLTS. SPECIFICATION 4. GALVANIZED BOLTS (WHERE SHOWN ON DRAWINGS): HOT-DIPPED GALVANIZED ACCORDING TO ASTM A153, CLASS C. 5. ANCHOR RODS: PLACEMENT OF REINFORCING STEEL X A. ASTM F1554, GR. 36; $F_Y = 36$ KSI PLACING OF REINFORCED CONCRETE Χ B. PROVIDE WITH STANDARD WASHERS AND NUTS. TAKING OF TEST SPECIMENS C. GALVANIZE RODS (WHERE NOTED ON DRAWINGS) ACCORDING TO ASTM A153, CLASS C. OVER-TAP NUTS TO CLASS 2A FIT BEFORE GALVANIZING. STRUCTURAL WELDING ACCORDING TO ASTM A563. SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16" REPROVIDE BEVELED WASHERS AT BOLT HEADS OR NUTS BEARING ON SLOPING SURFACES. 7. WELDING: FILLET WELDS EXCEEDING 516 A. CONFORM WITH AWS SPECIFICATIONS. GROOVE WELDS (FULL OR PARTIAL PENETRATION) B. WELDERS TO BE QUALIFIED UNDER AWS SPECIFICATIONS. FLOOR AND ROOF DECKING Χ C. WELDS MATERIAL: 70 KSI FILLER METAL, UNLESS NOTED OTHERWISE. Χ WELDED STAIR AND RAILING SYSTEMS D. WELDS TO METAL DECK, METAL STUDS OR OTHER COLD-FORMED METALS: CONFORM TO AWS D1.3. HIGH STRENGTH (HS) BOLT INSTALLATION E. WELDS TO GALVANIZED STEEL AND AREAS DAMAGED BY WELDING, FLAME CUTTING OR HANDLING: CLEAN, DRY AND REMOVE OIL, GREASE, SALT AND CORROSIVE PRODUCTS. APPLY ORGANIC COLD GALVANIZING COMPOUND WITH A MINIMUM OF 94% ZINC DUST IN THE DRY FILM. APPLY IN TYPE N OR X HS BOLT Χ MULTIPLE COATS TO ACHIEVE AN 8 MIL THICKNESS. COLD-FORMED STEEL FRAMING 8. CONTRACTOR TO DESIGN AND PROVIDE ERECTION AIDS (BOLTS, CLIPS, SHIMS, SEATS, ETC.) REQUIRED TO FACILITATE CONSTRUCTION. VERIFY MEMBER SIZES, CONNECTIONS & DEFLECTION HEADS X 9. INSTALL AND INSPECT HEADED STUDS AND SHEAR CONNECTORS ACCORDING TO CHAPTER 7 OF AWS D1.1 "STRUCTURAL WELDING CODE-STEEL" 10. EMBEDDED STEEL ASSEMBLIES: HOT-DIP GALVANIZE ACCORDING TO ASTM A123, WHERE NOTED ON DRAWINGS. POST-INSTALLED ANCHORS IN CONCRETE AND MASONRY EVALUATION REPORTS * FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE TASK LISTED, AS DEFINED IN THE METAL ROOF OR FLOOR DECKING 1. CONFORM WITH THE PROVISIONS OF THE AMERICAN IRON AND STEEL INSTITUTE'S "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS". 2. METAL ROOF DECKING: SPECIAL INSPECTION PROGRAM FOOTNOTES: A. MATERIAL: VERCO TYPE PLB-36, 18 GA., 36" WIDE SHEETS, GALVANIZED DECK OR APPROVED EQUAL 1. PROVIDE SPECIAL INSPECTION, SPECIAL TESTING, REPORTING AND COMPLIANCE PROCEDURES ACCORDING TO CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE WITH THE OREGON STRUCTURAL SPECIALTY CODE INTERNATIONAL BUILDING CODE WITH THE WASHINGTON STATE a. DECKING TO SUPPORTING MEMBERS: 2. SPECIAL INSPECTOR QUALIFICATIONS: DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE 3/4" DIAMETER FUSION WELDS AT 6" OC. PARTICULAR TYPE OF CONSTRUCTION OR OPERATION IN QUESTION. b. DECKING TO BEAMS OR WALLS (WHERE DECKING SPAN IS PARALLEL TO MEMBER): 3. PRIOR TO THE BEGINNING OF CONSTRUCTION, REVIEW THE SPECIAL INSPECTION REQUIREMENTS WITH THE ARCHITECT, ENGINEER, BUILDING 3/4" DIAMETER FUSION WELDS AT 12" OC. OFFICIAL, GENERAL CONTRACTOR AND SPECIAL INSPECTORS. c. DECK TO DECK SIDE LAPS: 4. DUTIES OF THE SPECIAL INSPECTOR INCLUDE, BUT ARE NOT LIMITED TO: PUNCH-LOK AT 24" OC OR OTHER ICBO-APPROVED SHEAR TRANSFER MECHANISM WITH EQUAL OR GREATER STRENGTH CAPACITY A. OBSERVE THE WORK FOR CONFORMANCE WITH THE APPROVED PERMIT DRAWINGS AND SPECIFICATIONS. BRING DISCREPANCIES TO THE METAL FLOOR DECKING: IMMEDIATE ATTENTION OF THE GENERAL CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, TO THE ENGINEER AND TO THE BUILDING A. MATERIAL: VERCO TYPE PLN3, 18 GA., 32" WIDE SHEETS, GALVANIZED DECK OR APPROVED EQUAL. B. CONNECTIONS: B. FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, ARCHITECT, ENGINEER, GENERAL CONTRACTOR AND _____ IN a. DECKING TO SUPPORTING MEMBERS: 3/4" DIAMETER FUSION WELDS AT 12" OC. C. SUBMIT A FINAL REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED, AND WHETHER THE WORK IS IN b. DECKING TO BEAMS OR WALLS (WHERE DECKING SPAN IS PARALLEL TO MEMBER): 3/4" DIAMETER FUSION WELDS AT 12" OC. CONFORMANCE WITH THE APPROVED PERMIT DRAWINGS AND SPECIFICATIONS. c. DECK TO DECK SIDE LAPS: 5. DUTIES OF THE GENERAL CONTRACTOR INCLUDE, BUT ARE NOT LIMITED TO: BUTTON PUNCHING AT 24" OC. MAXIMUM. A. NOTIFY SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST 24 HOURS BEFORE INSPECTION IS REQUIRED. 4. PROVIDE DECKING CONTINUOUS OVER 3 OR MORE SPANS. WHERE 1 OR 2 SPAN CONDITIONS ARE REQUIRED, PROVIDE DECKING WITH SUFFICIENT B. MAINTAIN ACCESS TO WORK REQUIRING SPECIAL INSPECTION UNTIL IT HAS BEEN OBSERVED AND INDICATED TO BE IN CONFORMANCE BY THE SECTION PROPERTIES TO EQUAL LOAD AND DEFLECTION CAPACITY OF A 3 SPAN CONDITION. SPECIAL INSPECTOR AND APPROVED BY THE BUILDING OFFICIAL. 5. FURNISH ALL ACCESSORIES (OPENING REINFORCING ANGLES, CLOSURES, ETC.) TO PROVIDE A COMPLETE DIAPHRAGM. C. PROVIDE THE SPECIAL INSPECTOR WITH ACCESS TO APPROVED PERMIT DRAWINGS AND SPECIFICATIONS AT THE JOB SITE. 6. QUALIFY ALL WELDERS UNDER AWS AND SPECIFICATIONS FOR COLD-FORMED METAL WELDING. D. MAINTAIN JOB-SITE COPIES OF ALL REPORTS SUBMITTED BY THE SPECIAL INSPECTOR. 7. EXTEND DECKING A MINIMUM OF 2" ONTO SUPPORTS. DEFINITIONS: COLD-FORMED STEEL CONNECTIONS A. CONTINUOUS INSPECTION: THE SPECIAL INSPECTOR IS OBSERVING THE WORK REQUIRING SPECIAL INSPECTION AT ALL TIMES. B. PERIODIC INSPECTION: THE SPECIAL INSPECTOR IS ON SITE AS REQUIRED TO CONFIRM THAT THE WORK REQUIRING SPECIAL INSPECTION IS IN 1. ALL PLATES AND LEDGERS SHALL BE ANCHORED WITH A MINIMUM OF 3 ANCHORS PER PIECE. CONFORMANCE. 2. ALL FRAMING CONNECTORS SHALL BE SIMPSON OR APPROVED. FILL ALL HOLES WITH SCREWS AS SPECIFIED BY THE HANGER MANUFACTURER, UNLESS NOTED OTHERWISE. 3. ALL SCREWS TO BE #10 SELF-DRILLING SHEET METAL (SDSM) SCREWS, UNLESS NOTED OTHERWISE. SPECIAL TESTING REQUIREMENTS STRUCTURAL FILL OR BACK-FILL: VERIFY COMPACTION WITH RANDOM FIELD DENSITY TESTS. 2. STRUCTURAL CONCRETE: SAMPLE AND TEST ACCORDING TO STRUCTURAL NOTES. 1. ALL FABRICATION, ERECTION AND IDENTIFICATION OF COLD FORMED STEEL FRAMING SHALL CONFORM WITH IBC SECTIONS 2209, 2210 AND 2211, 3. STRUCTURAL STEEL: AND A.I.S.I. "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS". A. NON-DESTRUCTIVE METHOD TESTING: CONFORM WITH AWS D1.1. A. ASTM A 653/653M, GRADE D ($F_Y = 50$ KSI) FOR 54 MIL AND THICKER STOCK. B. ASTM A 653/653M, GRADE A ($F_Y = 33$ KSI) FOR 43 MIL AND THINNER STOCK. 3. FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SHEET METAL (SDSM) SCREWS, UNLESS NOTED OTHERWISE. A. SCREW SPACING AND EDGE DISTANCE SHALL BE NOT LESS THAN 3X THE NOMINAL SCREW DIAMETER. B. PENETRATIONS OF SCREWS THROUGH JOINED MATERIAL SHOULD NOT BE LESS THAN 3 EXPOSED THREADS. C. WHERE FEASIBLE, INSTALL SCREWS FROM THINNER MATERIAL TO THICKER MATERIAL. D. SCREWS SHALL BE INSTALLED AND TIGHTENED IN ACCORDANCE WITH SCREW MANUFACTURER'S RECOMMENDATIONS. 4. STEEL STUDS OR JOISTS SHALL HAVE STIFFENED LIPS, UNLESS NOTED OTHERWISE, AND MANUFACTURED BY MEMBERS OF THE STEEL STUD MANUFACTURER'S ASSOCIATION. SIZES AND GAUGE ARE AS NOTED ON DRAWINGS. 5. PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, TRACKS, CLIPS, WEB STIFFENERS, ANCHORS, FASTENING DEVICES AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION. 6. SPLICES IN AXIALLY LOADED STUDS SHALL NOT BE PERMITTED. 7. ALL STUDS, JAMBS, HEADERS, AND SILLS SHALL BE FULL LENGTH MEMBERS BETWEEN SUPPORTS. 8. EACH FLANGE OF STUDS SHALL BE SECURELY ATTACHED TO FLANGES OF BOTH UPPER AND LOWER TRACKS.

CONSULTANT **ENGINEER** <u>A/E:</u> **GDM of Oregon** 1584 McNeil St. Suite 200 **Dupont, WA 98327** 360.693.1621 P: 360.915.5128 ADAM GODDIN, PE Revisions:

ARCHITECT/ENGINEER OF RECORD **KRAMER GEHLEN & ASSOC** 400 COLUMBIA ST, STE 240 **VANCOUVER, WA 98660**







DRAWING TITLE

EHRM INFRASTRUCTURE STRUCTURAL NOTES 100% CD FINAL SOLUTION UPGRADES APPROVED: FLS LOCATION **FULLY SPRINKLERED ISSUE DATE**

PHASE

DRAWING NUMBER HOT SPRINGS, SOUTH DAKOTA CHECKED BY DRAWN BY 00-SN-002 02/23/2022 ATW

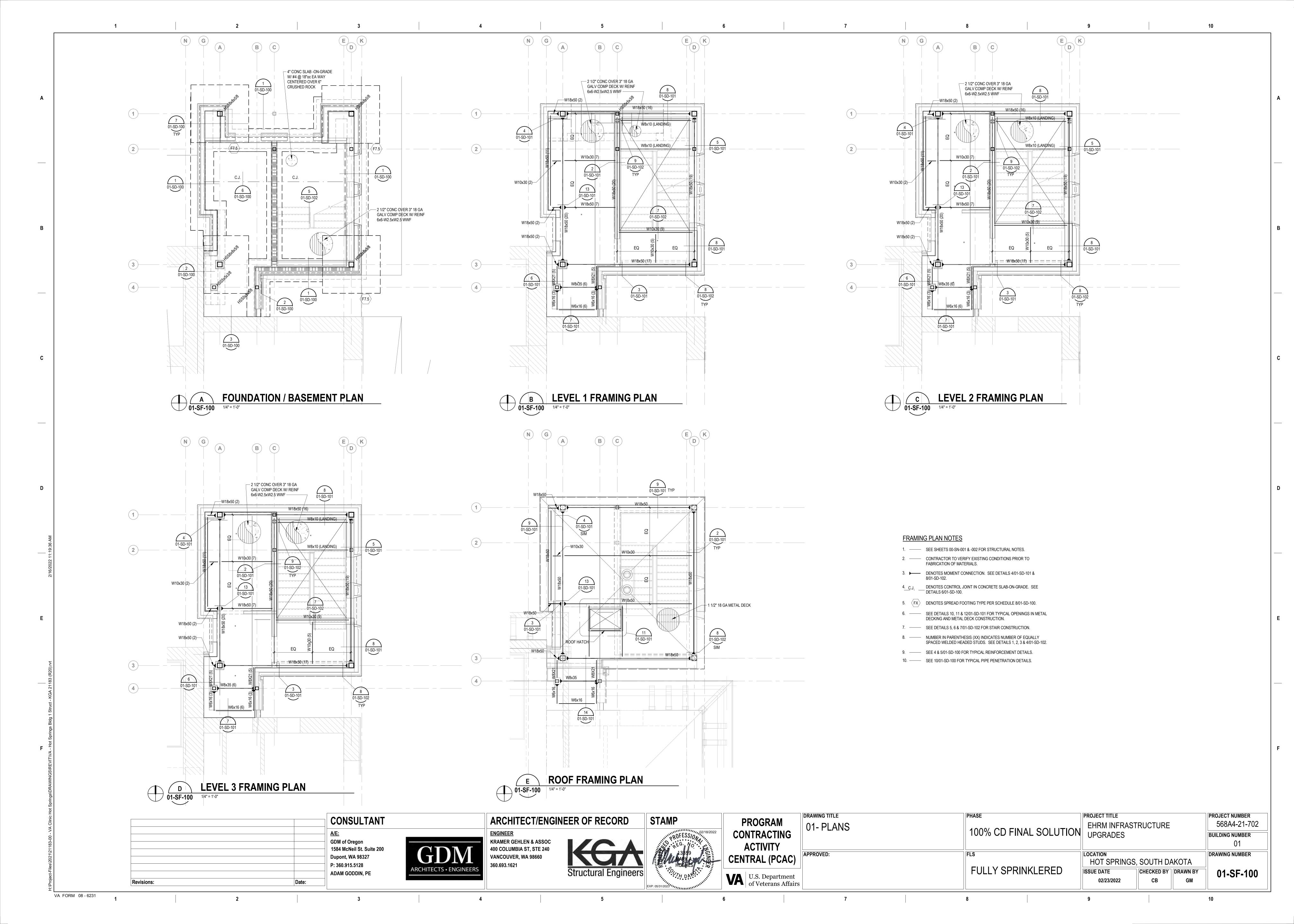
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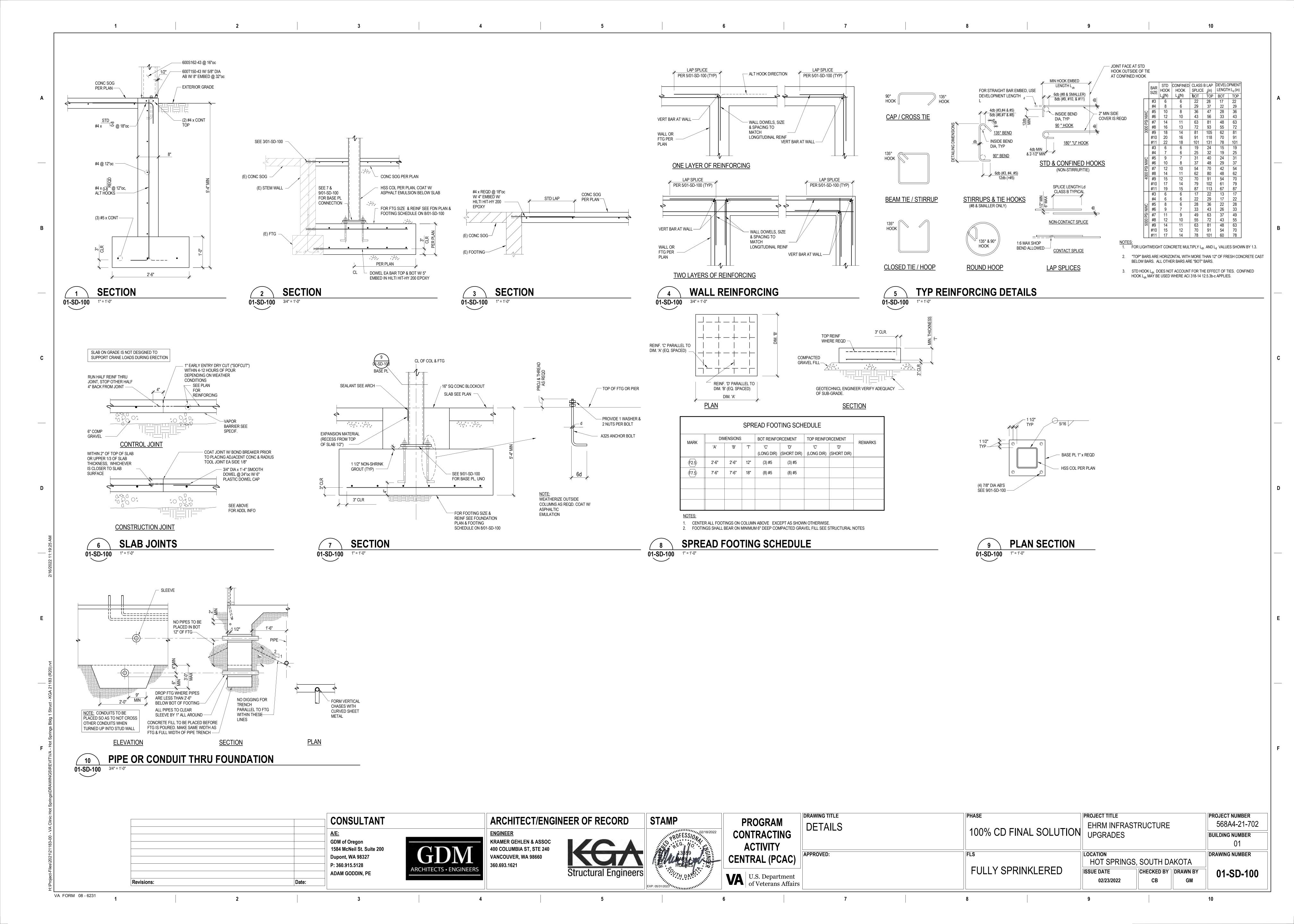
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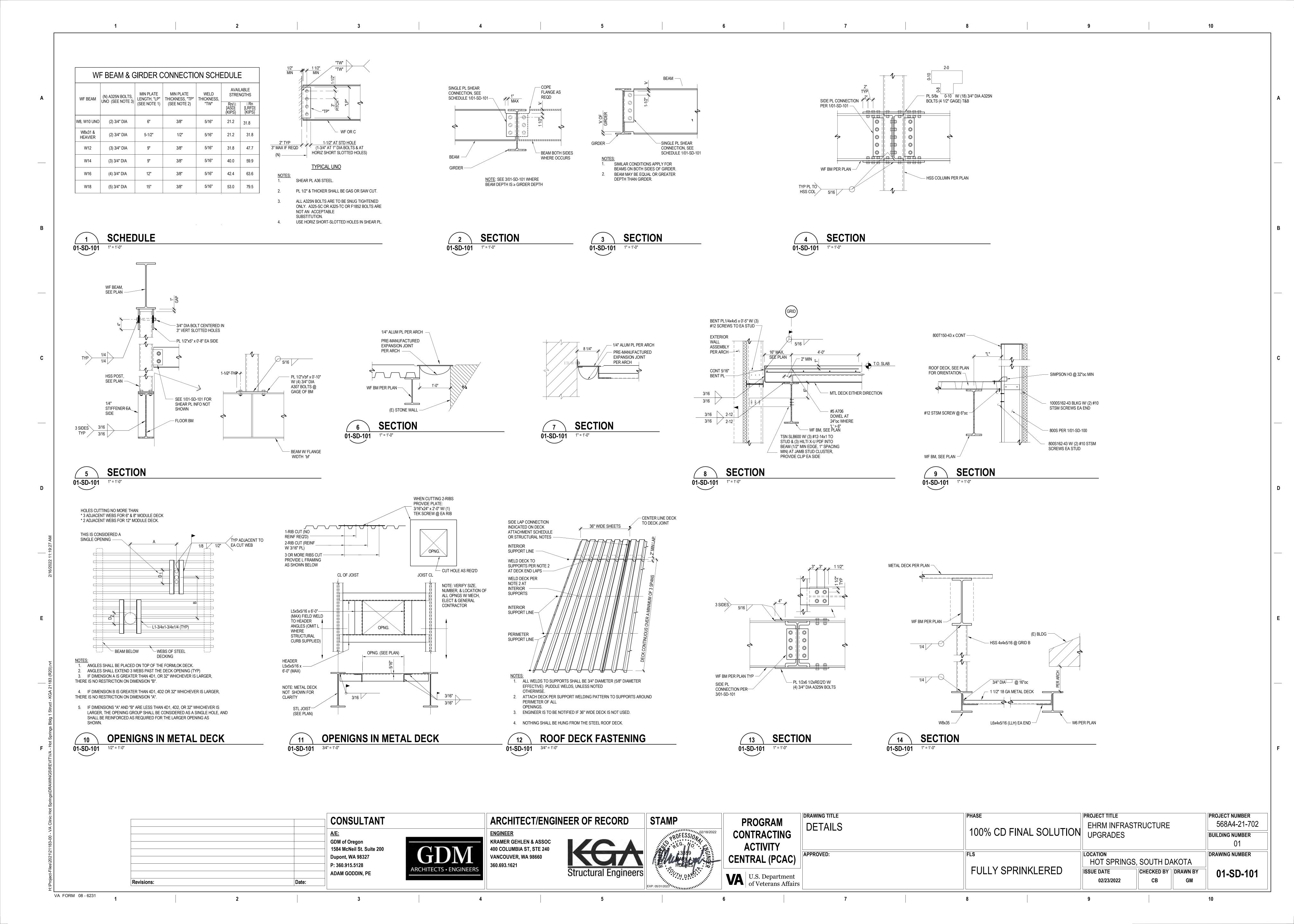
568A4-21-702

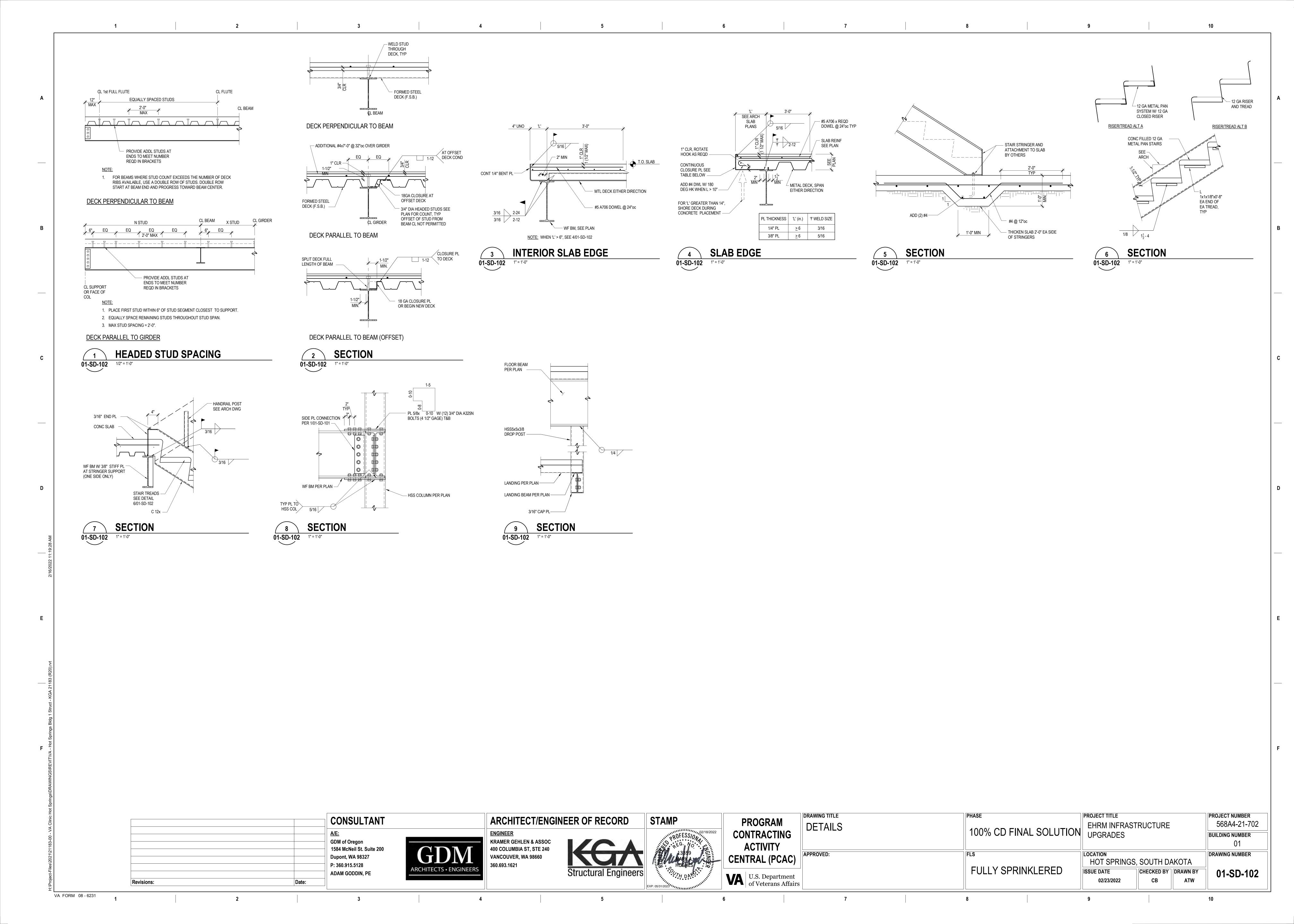
VA FORM 08 - 6231

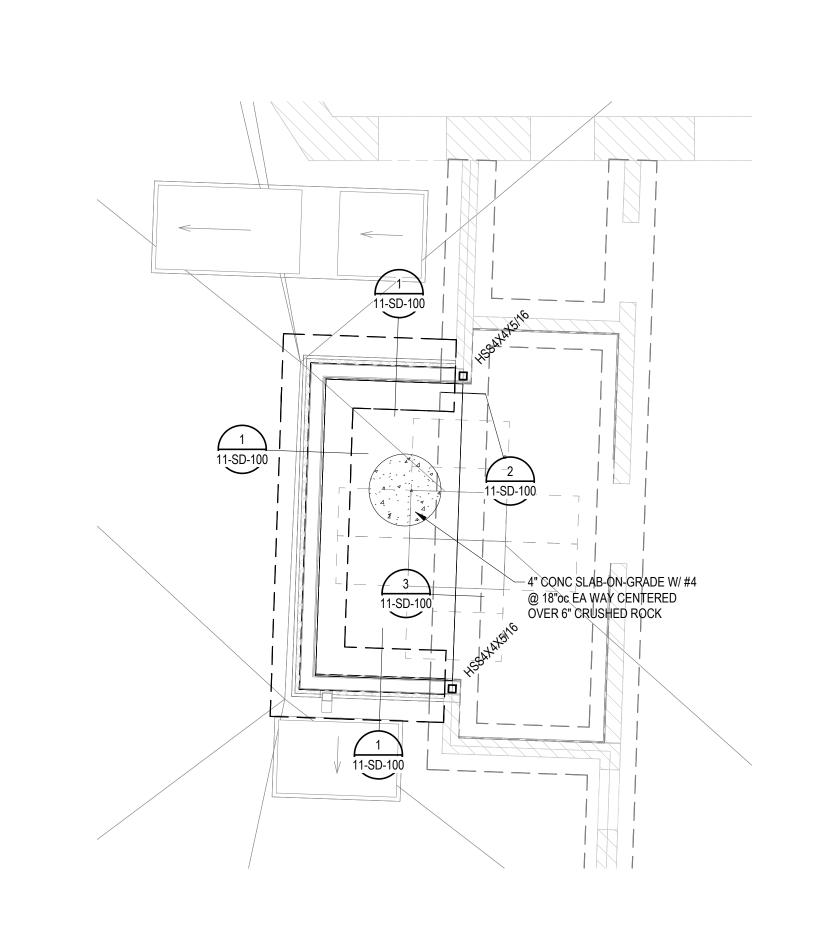
PROJECT TITLE



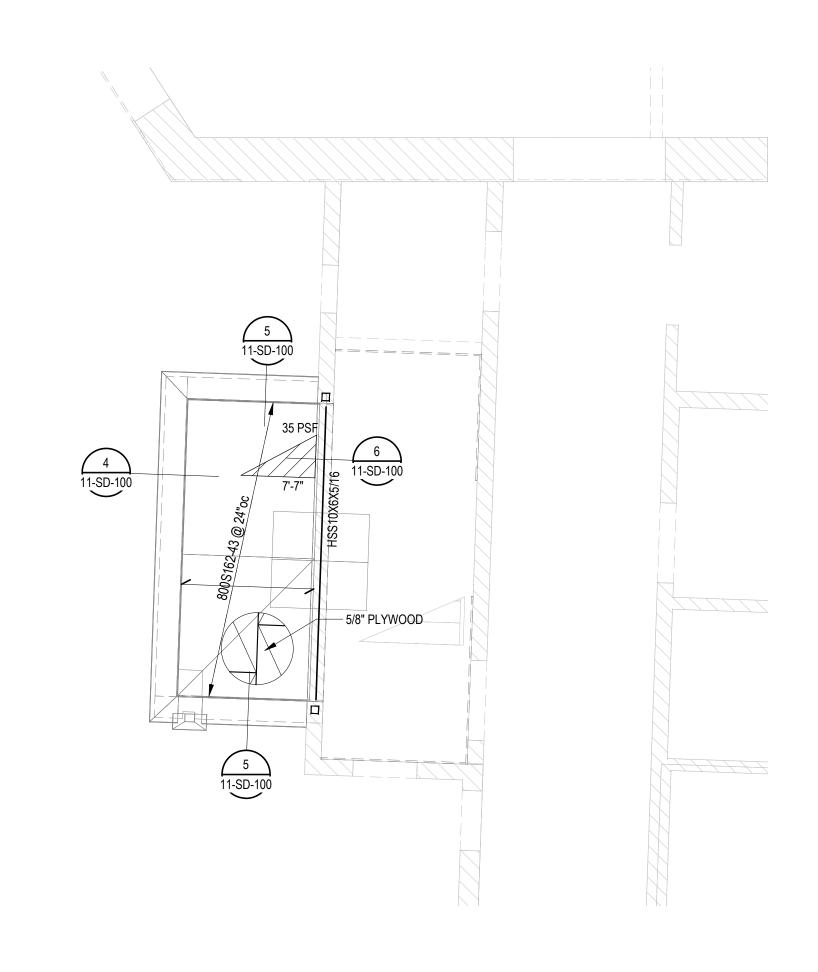














- PLAN NOTES:

 1. SEE 00-SN-001 AND 00-SN-002 FOR STRUCTURAL NOTES

 X PSF

 DENOTES SNOW DRIFT IN ADDITION TO BALANCED SNOW LOAD

 X'-X"

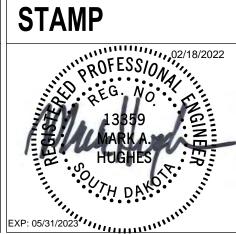
 3. CONTRACTOR TO VERIFY EXIST'G CONDITIONS PRIOR TO FABRICATION OF MATERIALS

VA FORM 08 - 6231

CONSULTANT GDM of Oregon 1584 McNeil St. Suite 200 Dupont, WA 98327 P: 360.915.5128 ADAM GODDIN, PE

ARCHITECT/ENGINEER OF RECORD **ENGINEER** KRAMER GEHLEN & ASSOC 400 COLUMBIA ST, STE 240 VANCOUVER, WA 98660 360.693.1621

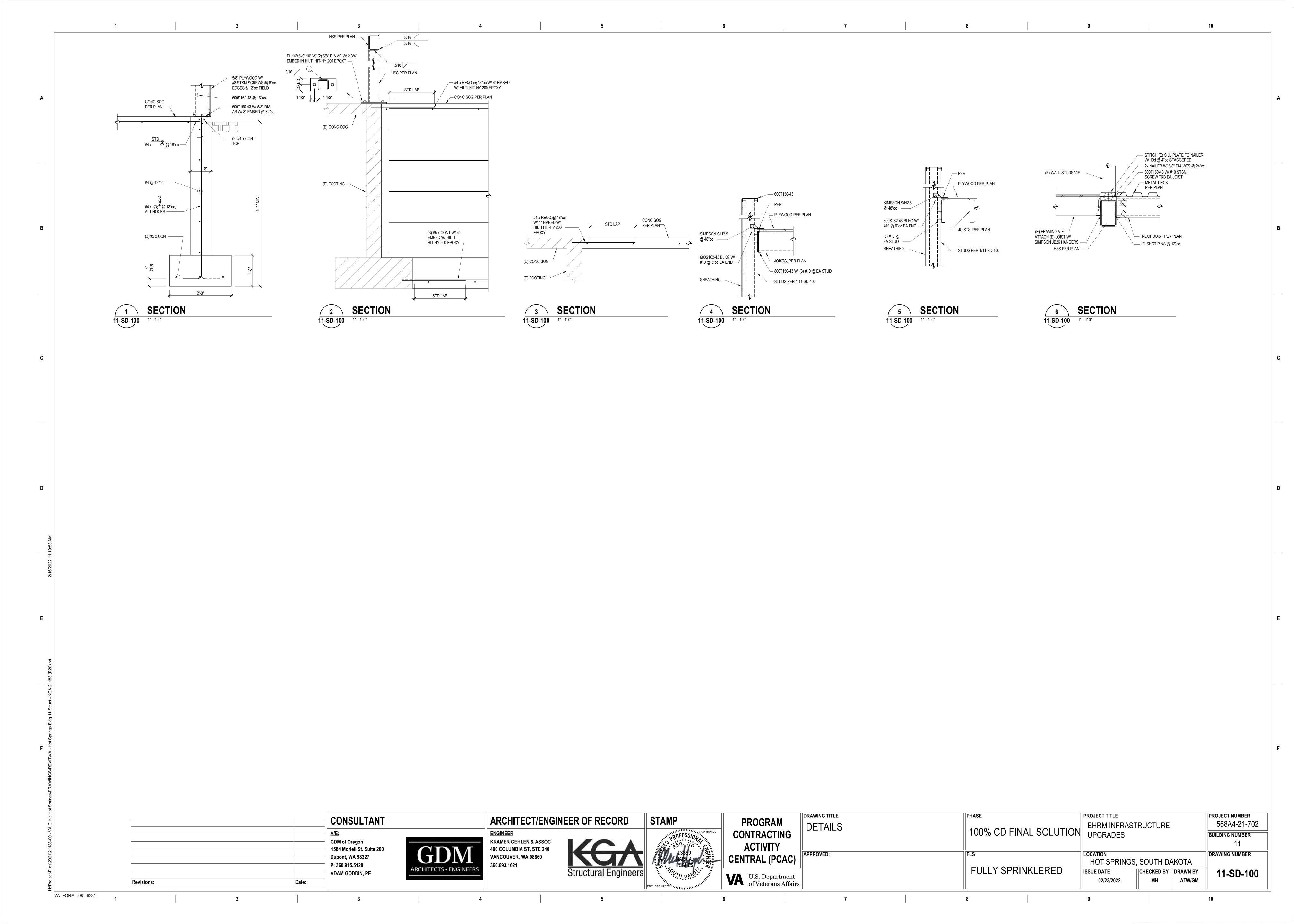


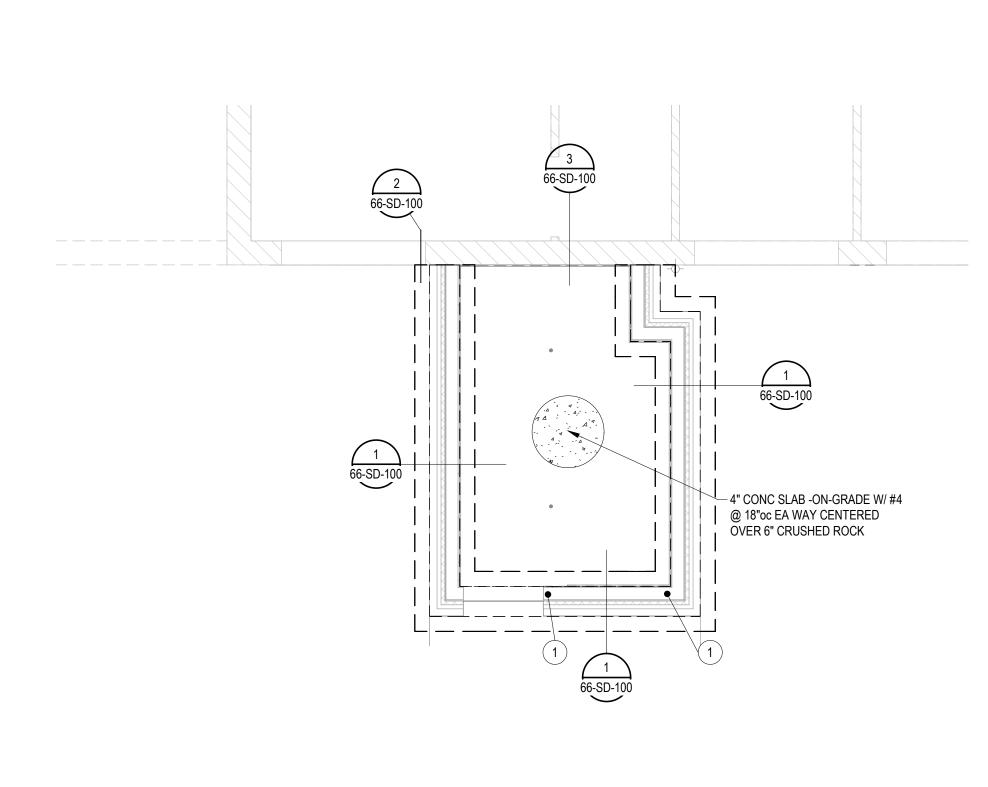


PROGRAM CONTRA ACTI\

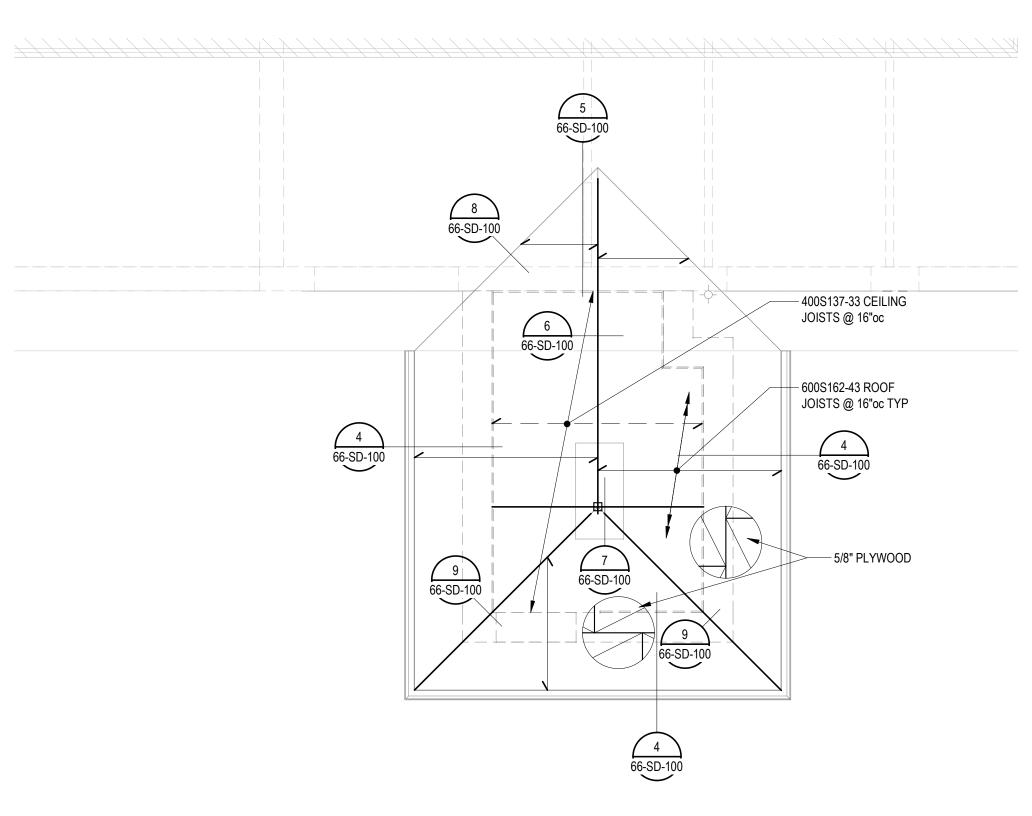
CONTRACTING ACTIVITY CENTRAL (PCAC)	APPROVED:
U.S. Department of Veterans Affairs	

DRAWING TITLE	PHASE	PROJECT TITLE		PROJECT NUMBER	
11-PLANS	4000/ OD FINIAL COLLITION	EHRM INFRASTRUCTURE			568A4-21-702
	100% CD FINAL SOLUTION	UPGRADES			BUILDING NUMBER
				11	
APPROVED:	FLS	LOCATION		DRAWING NUMBER	
		HOT SPRINGS, SOUTH DAKOTA			
	FULLY SPRINKLERED	ISSUE DATE	CHECKED BY	DRAWN BY	11-SF-100
		02/23/2022	MH	ATW/GM	









ROOF FRAMING PLAN

PLAN NOTES

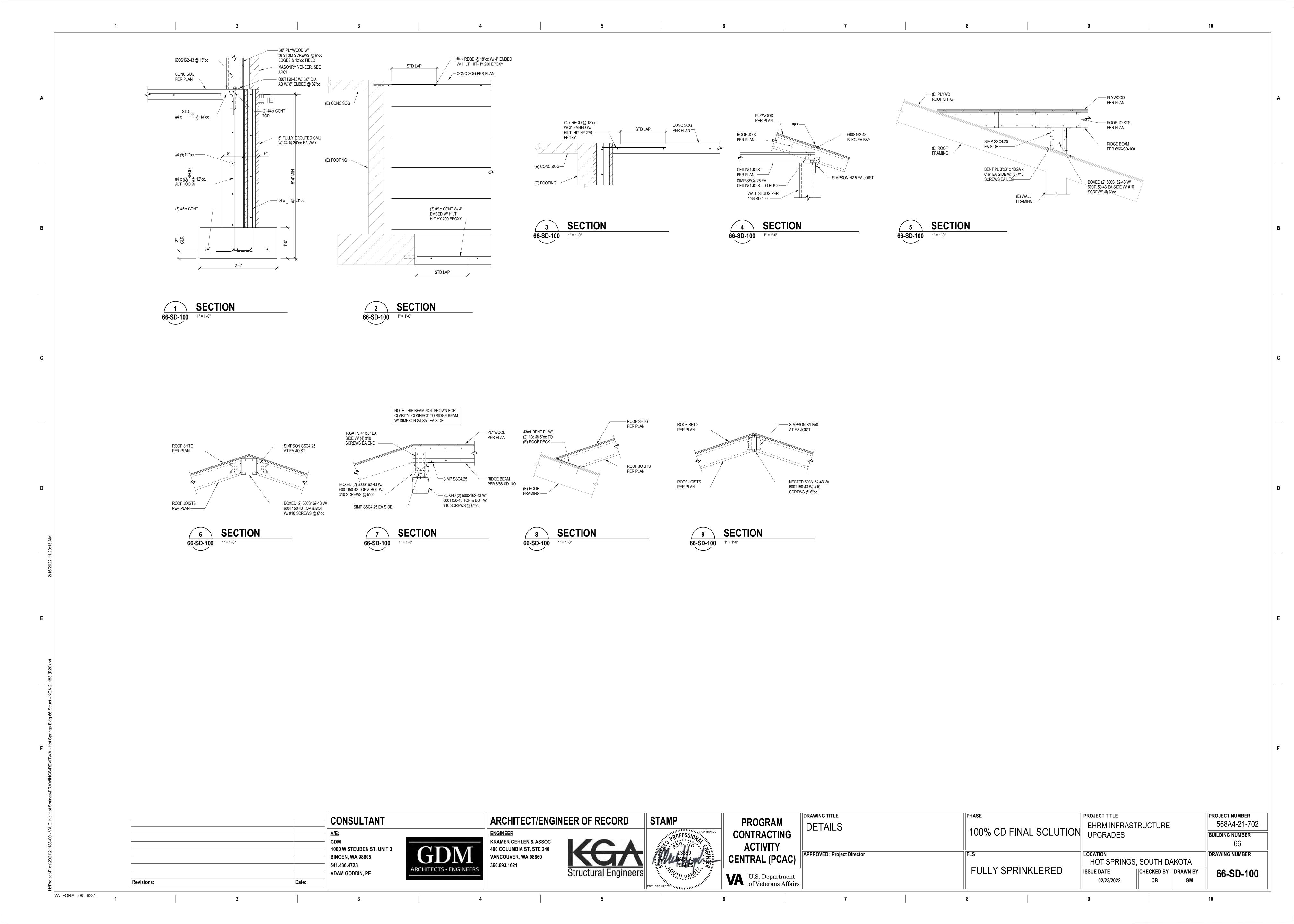
1. SEE 00-SN-001 AND 00-SN-002 FOR STRUCTURAL NOTES.

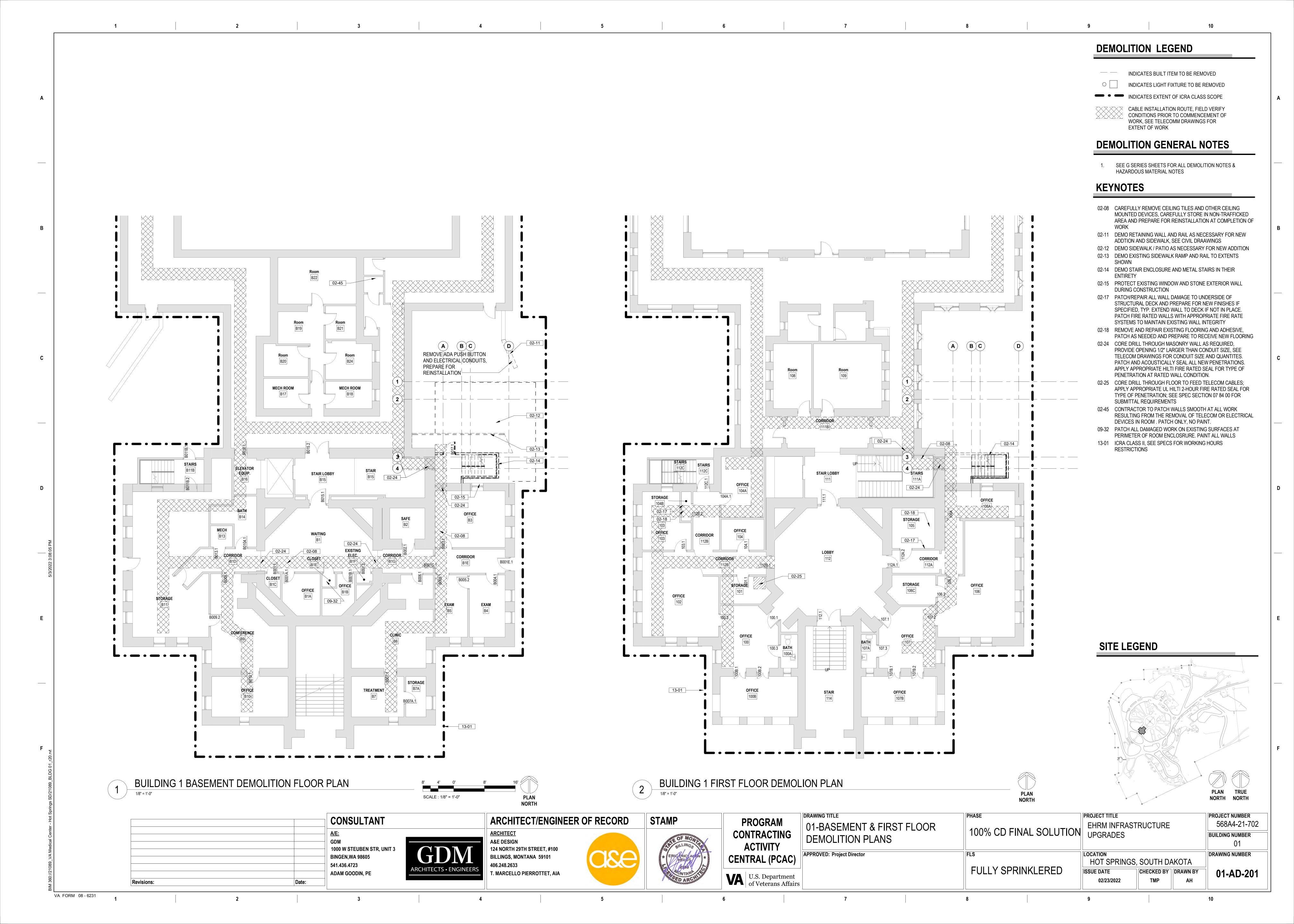
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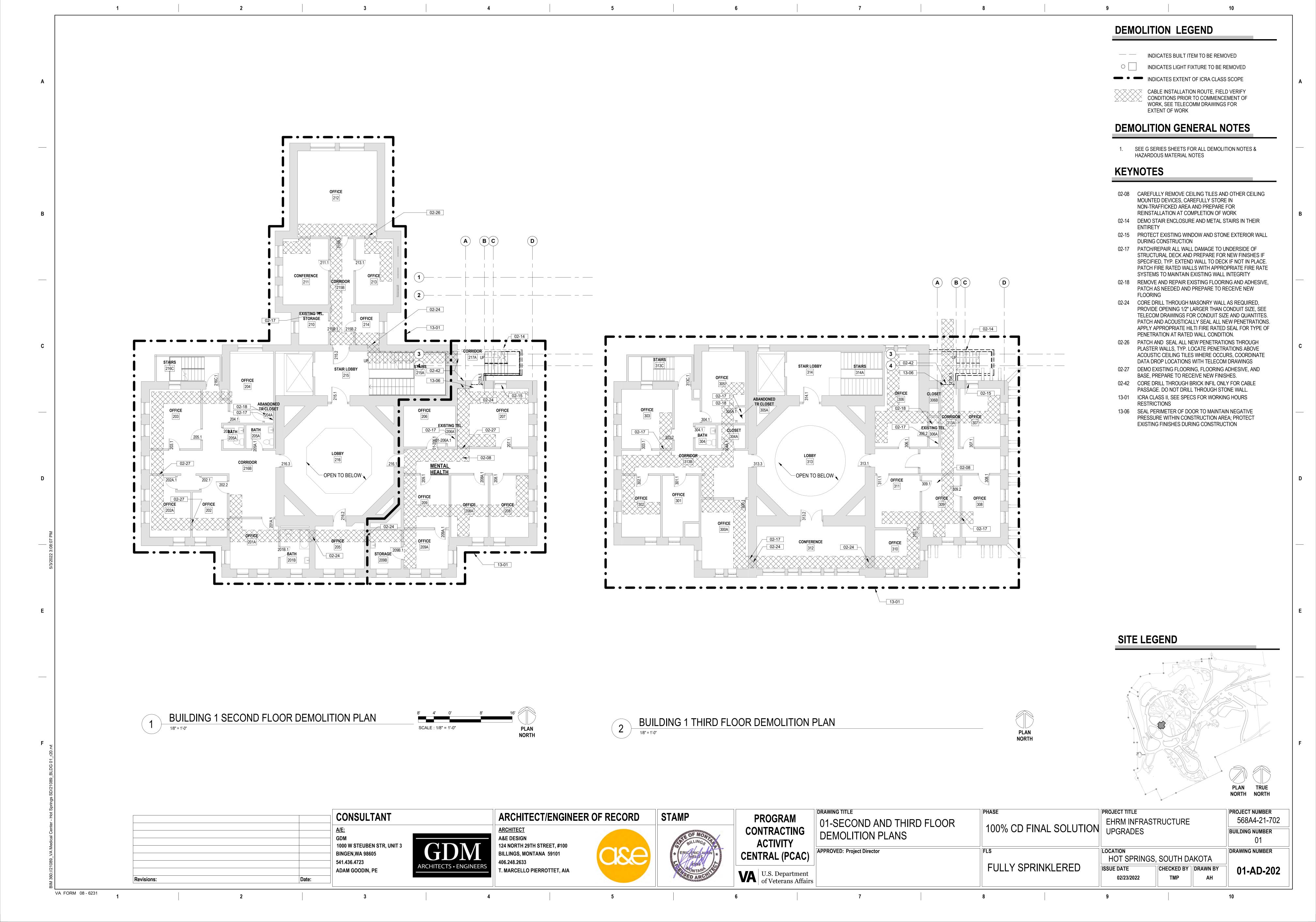
3. — CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO FABRICATION OF MATERIALS.

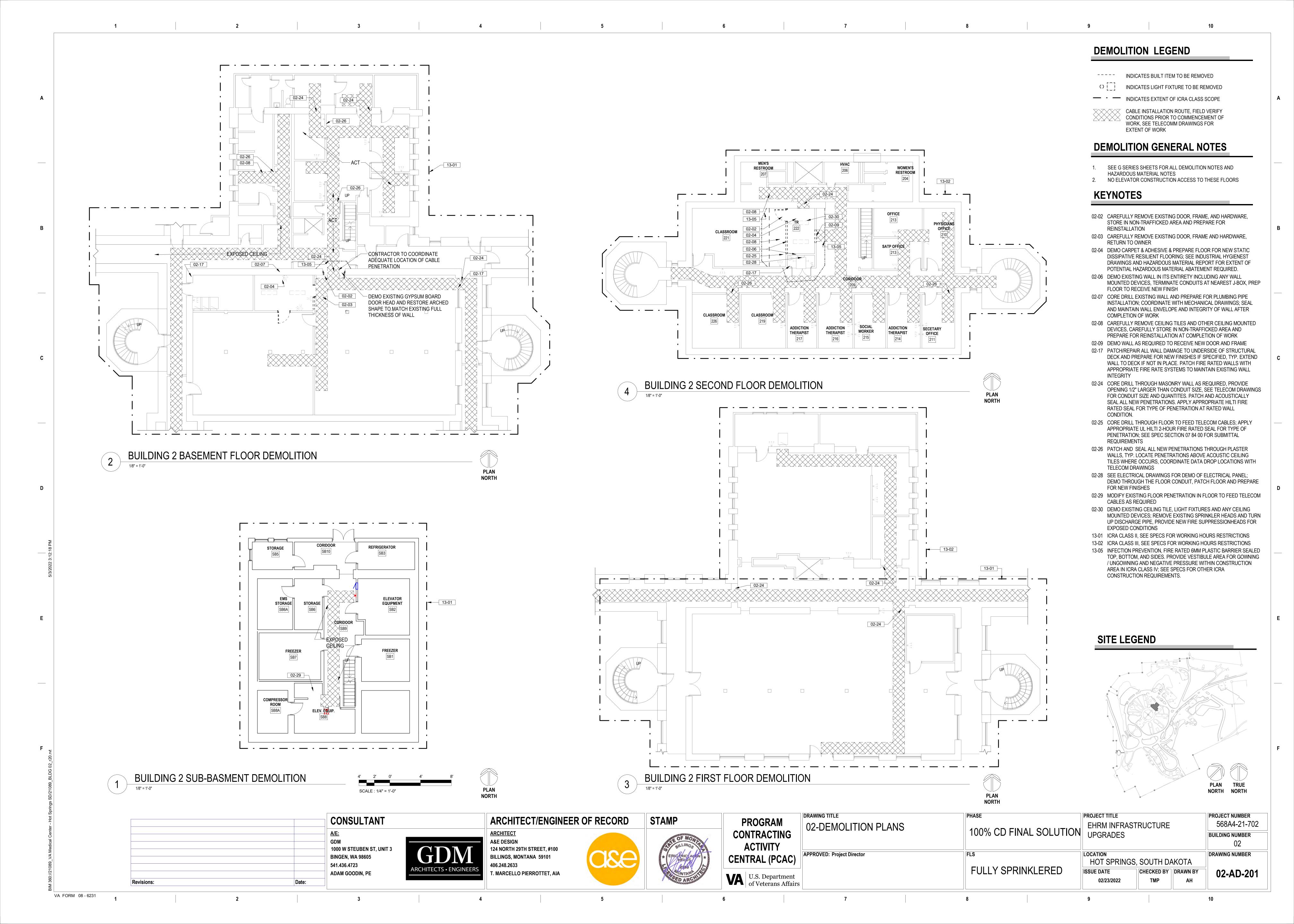
4. / INDICATES SPAN DIRECTION OF 600S162-43 RAFTERS @ 16"oc.

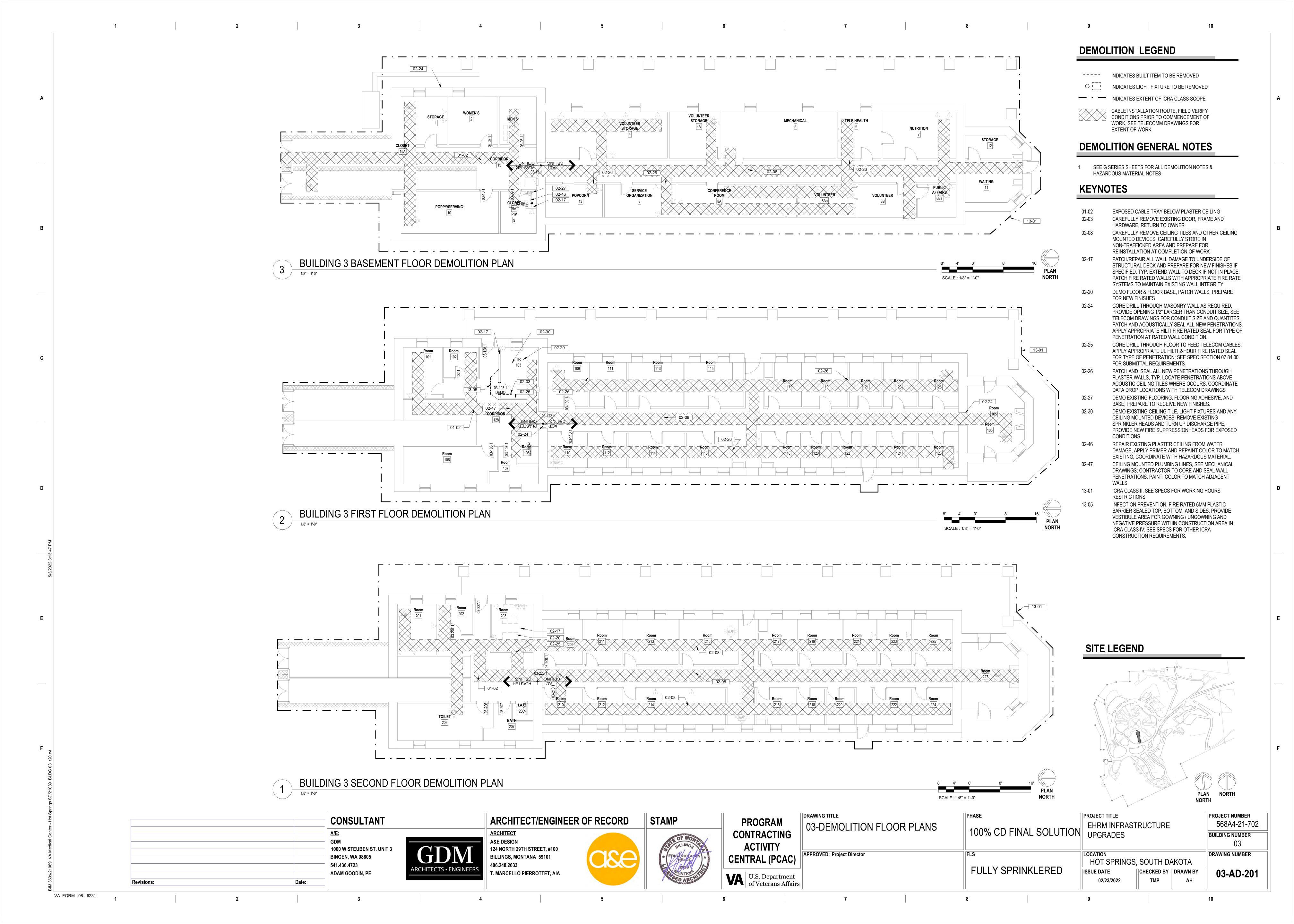
	Revisions:	ADAM GODDIN, PE ARCHIT	TECTS • ENGINEERS	360.693.1621	Structural Engineers	HUGHES TO THE DAKOT PARTITION OF THE PROPERTY	U.S. Department of Veterans Affairs		FULLY SPRINKLERED	ISSUE DATE 02/23/2022	CHECKED BY DRAWN BY CB GM	
		1000 W STEUBEN ST. UNIT 3 BINGEN, WA 98605	TDV 400 C VAN	400 COLUMBIA ST, STE 240 VANCOUVER, WA 98660	KGA	13859	ACTIVITY CENTRAL (PCAC)	APPROVED: Project Director	FLS	LOCATION HOT SPRINGS, SOUTH DAKOTA		DRAWING NUMBER
		A/E:		ENGINEER KRAMER GEHLEN & ASSOC		PROFESS/0N	CONTRACTING	66-PLANS	100% CD FINAL SOLUTION	N EHRM INFRASTRUCTURE UPGRADES		568A4-21-702 BUILDING NUMBER
1		CONSULTANT	∥ A R	RCHITECT/ENGIN	IEER OF RECORD	STAMP	PROGRAM	DRAWING TITLE	PHASE	PROJECT TITLE	YTOUGTUDE	PROJECT NUMBER

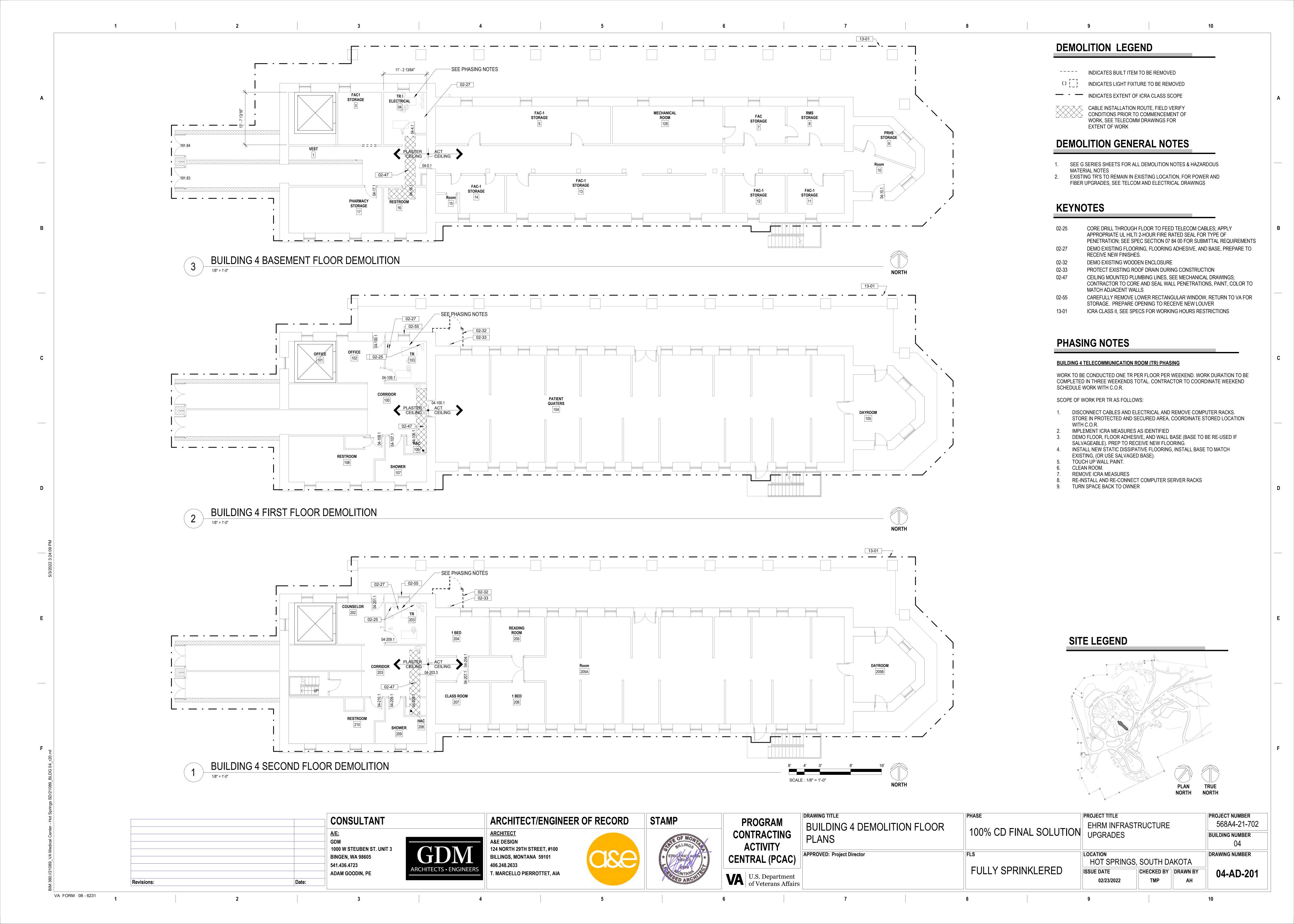


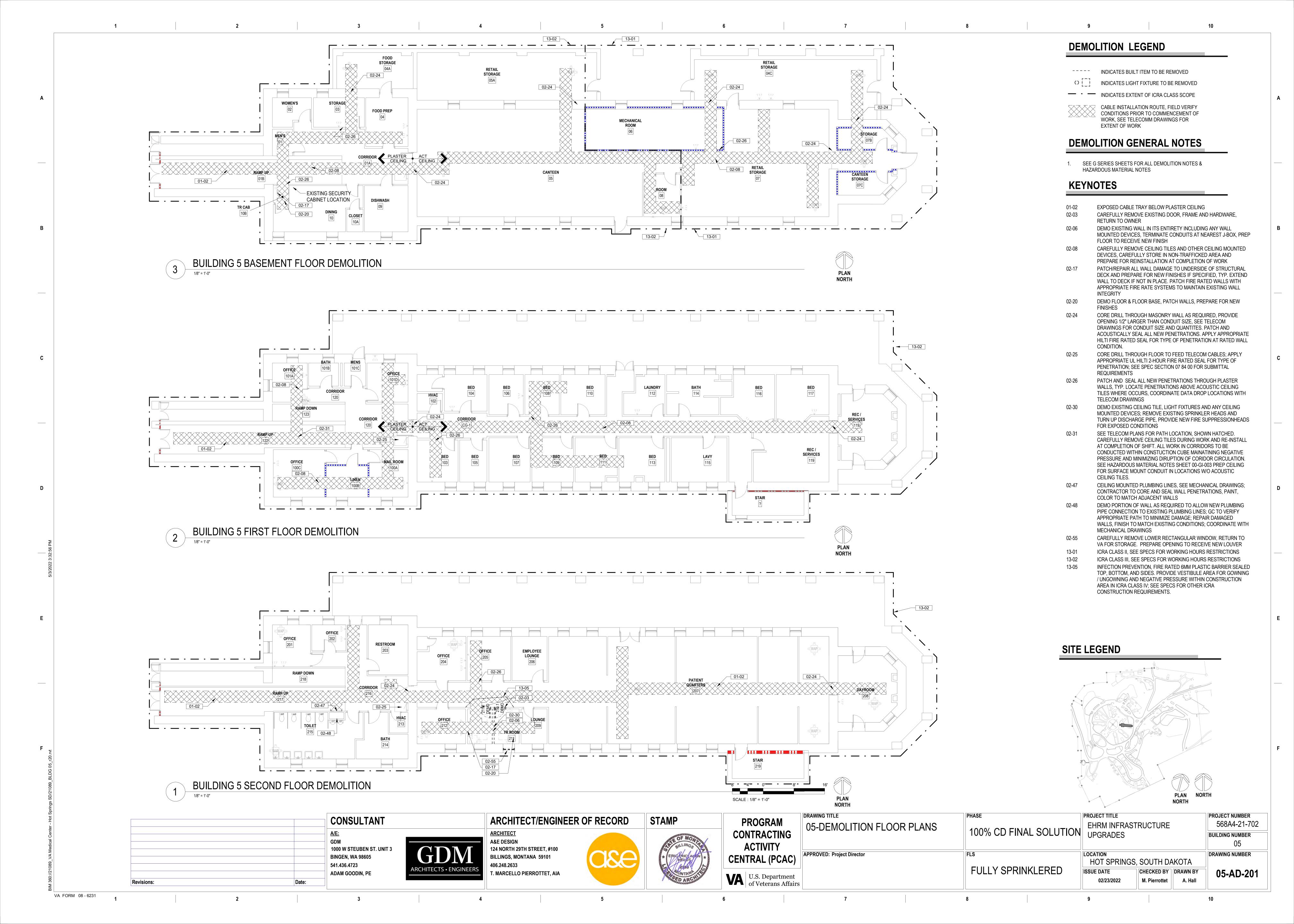


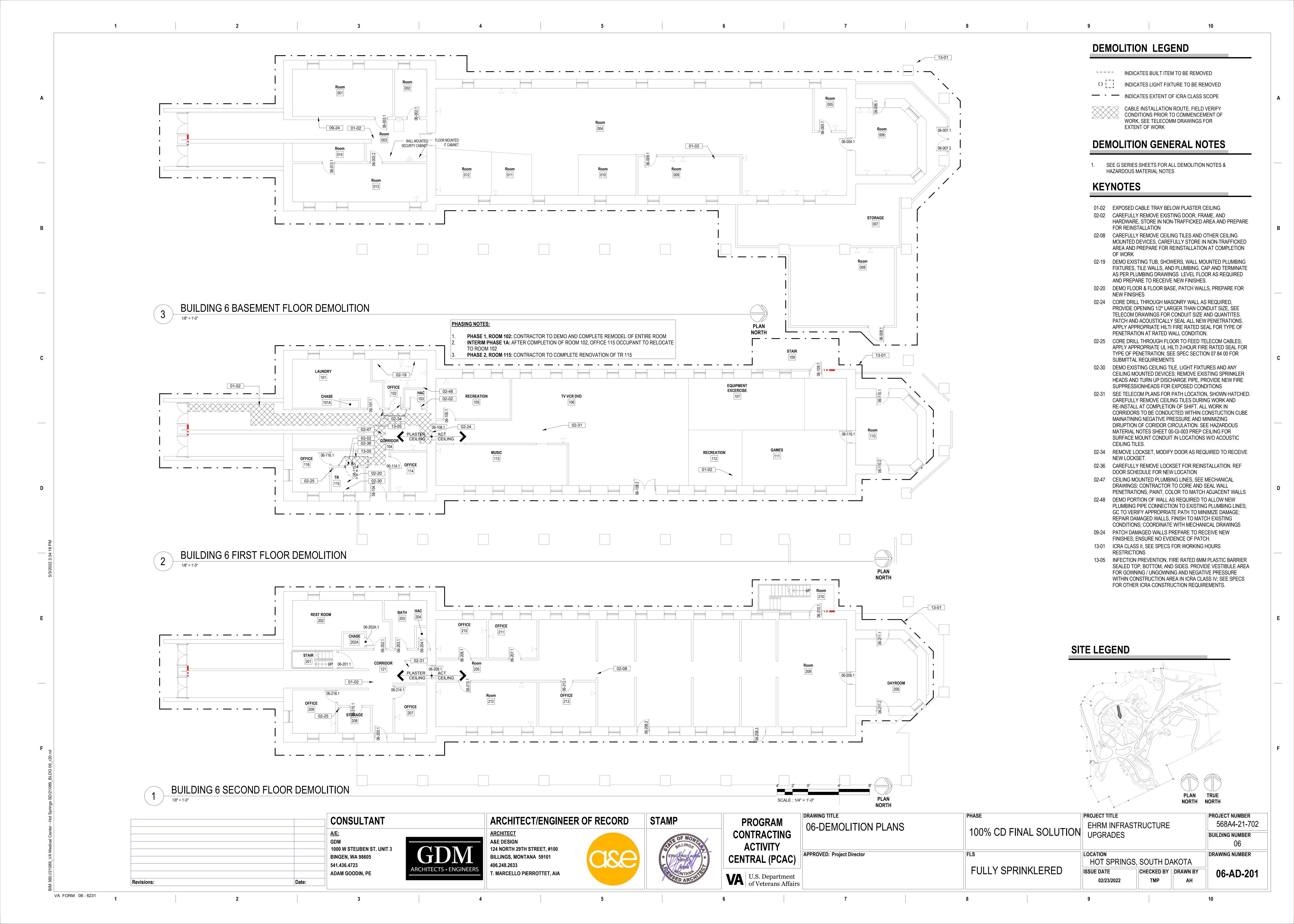


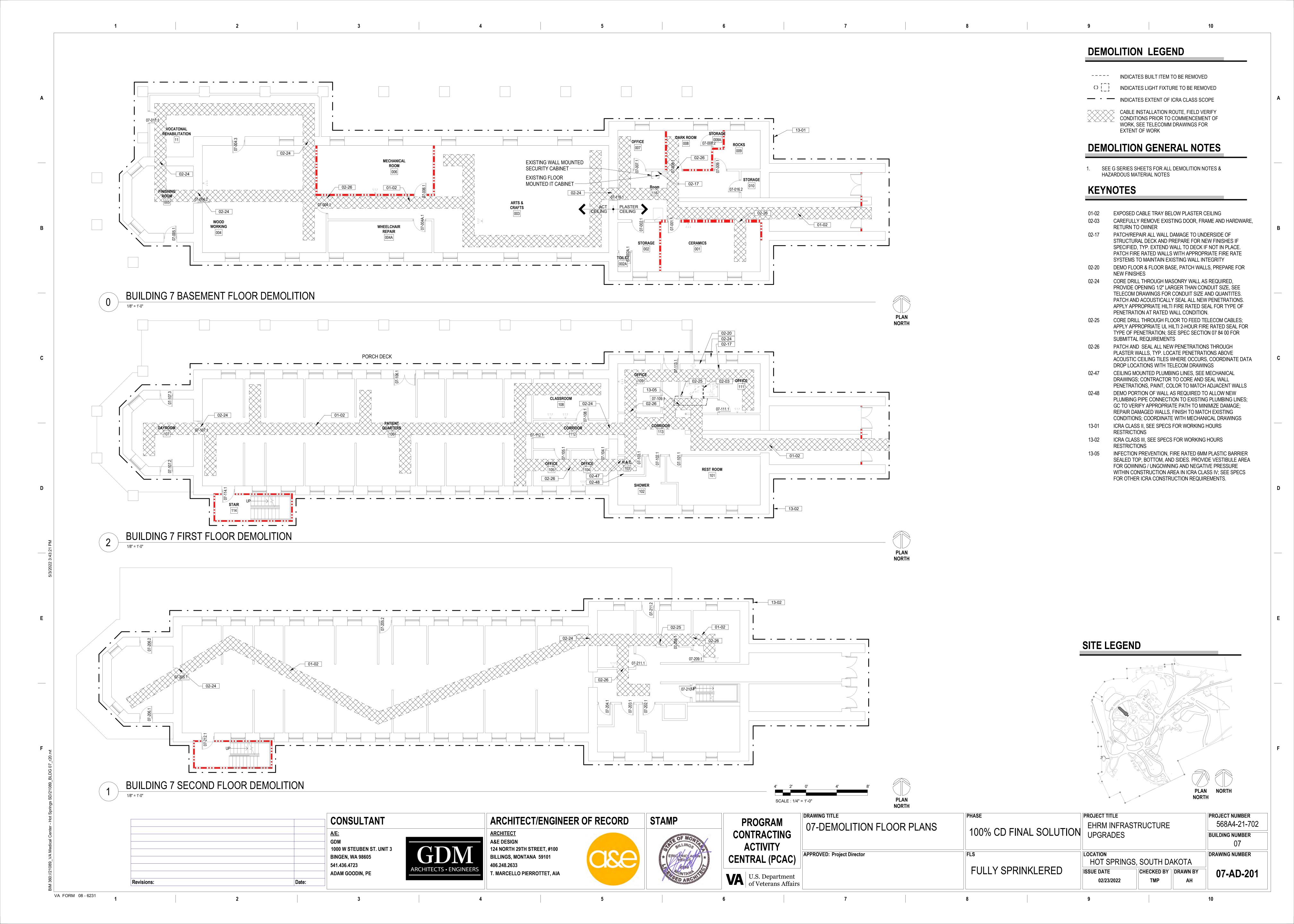


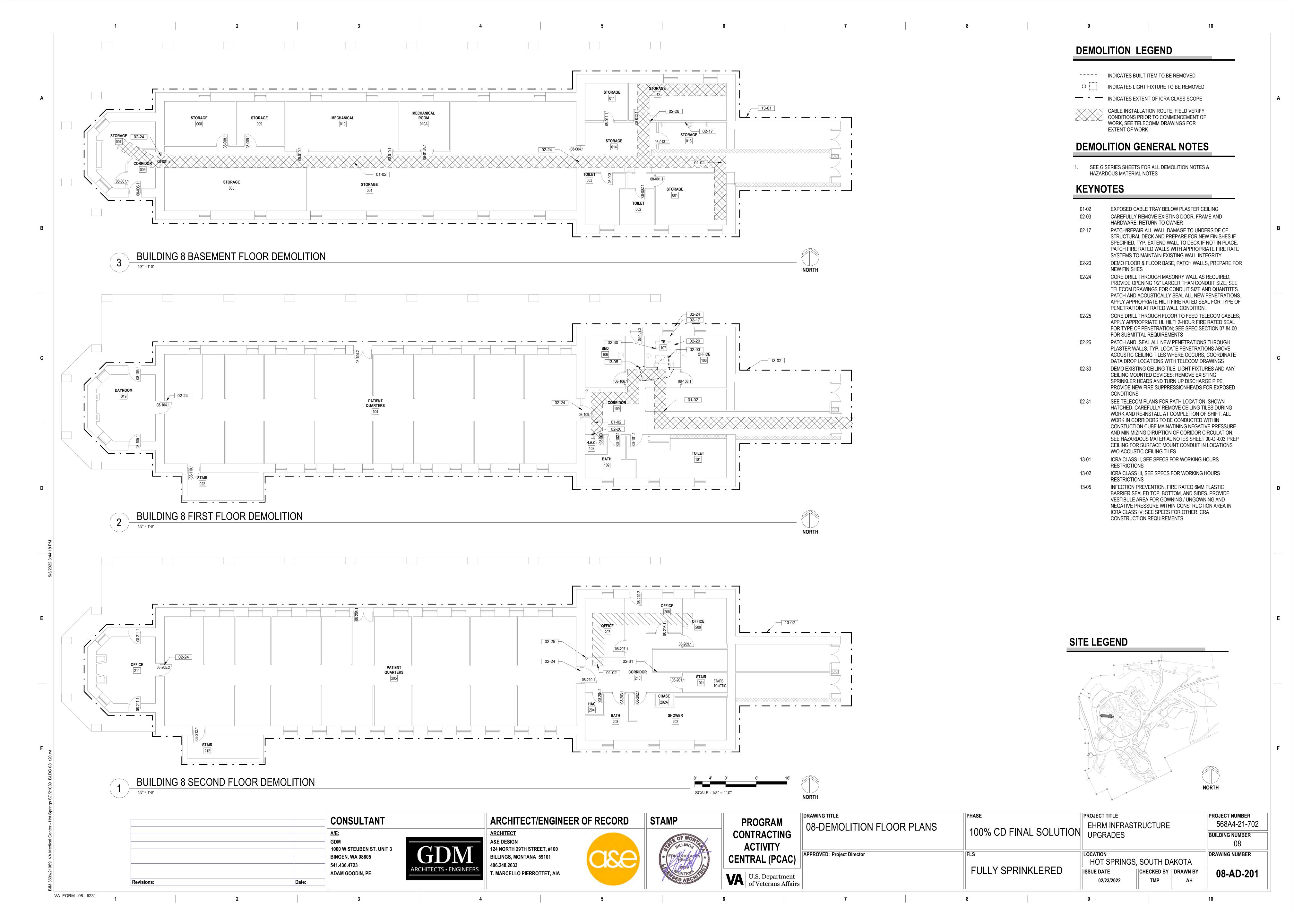


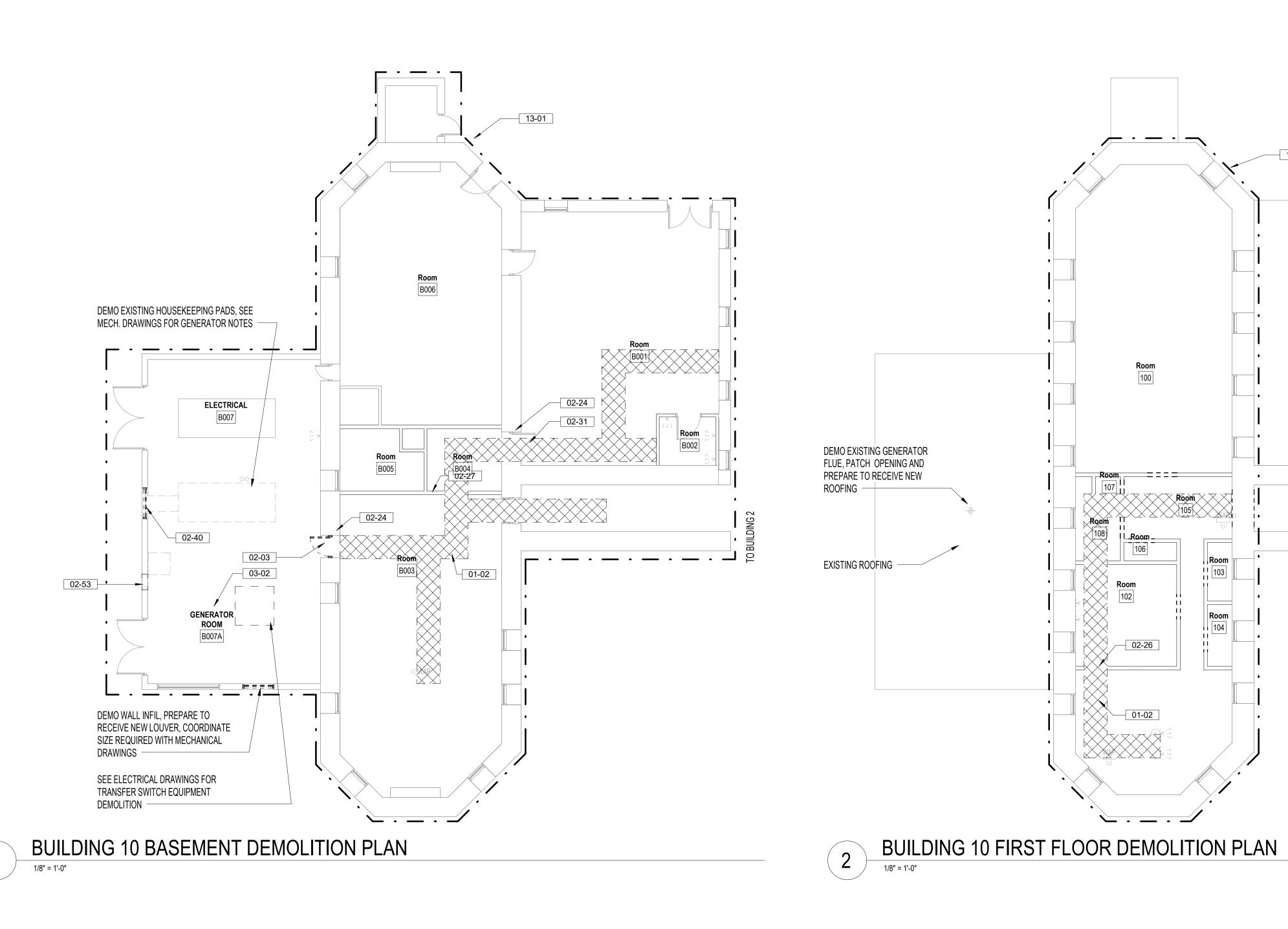












DEMOLITION LEGEND

---- INDICATES BUILT ITEM TO BE REMOVED

0 INDICATES LIGHT FIXTURE TO BE REMOVED

- INDICATES EXTENT OF ICRA CLASS SCOPE

CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES

KEYNOTES

EXPOSED CABLE TRAY BELOW PLASTER CEILING

02-03 CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE, RETURN TO

CORE DRILL THROUGH MASONRY WALL AS REQUIRED, PROVIDE OPENING 1/2" LARGER THAN CONDUIT SIZE, SEE TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITES. PATCH AND ACOUSTICALLY SEAL ALL NEW

PENETRATIONS. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION. PATCH AND SEAL ALL NEW PENETRATIONS THROUGH PLASTER WALLS, TYP. LOCATE PENETRATIONS ABOVE ACOUSTIC CEILING TILES WHERE

OCCURS, COORDINATE DATA DROP LOCATIONS WITH TELECOM DRAWINGS DEMO EXISTING FLOORING, FLOORING ADHESIVE, AND BASE, PREPARE TO

RECEIVE NEW FINISHES. SEE TELECOM PLANS FOR PATH LOCATION, SHOWN HATCHED. CAREFULLY REMOVE CEILING TILES DURING WORK AND RE-INSTALL AT COMPLETION OF SHIFT. ALL WORK IN CORRIDORS TO BE CONDUCTED WITHIN CONSTUCTION CUBE MAINATINING NEGATIVE PRESSURE AND MINIMIZING DIRUPTION OF

CORIDOR CIRCULATION. SEE HAZARDOUS MATERIAL NOTES SHEET 00-GI-003 PREP CEILING FOR SURFACE MOUNT CONDUIT IN LOCATIONS W/O

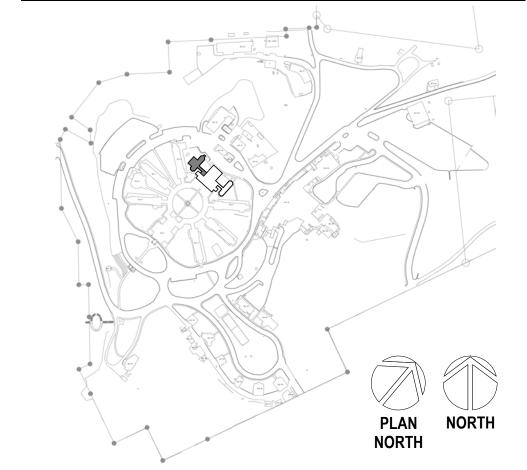
ACOUSTIC CEILING TILES. DEMO EXISTING LOUVER, PREP TO FULLY FILL OPENING DEMO PORTION OF WALL AS REQUIRED TO INSTALL NEW MECHANICAL LOUVER OR FAN, COORDINATE WITH MECHANICAL DRAWINGS; REINFORCE SILL, JAMBS, AND HEADER WITH METAL STUDS, INSTALL LOUVER AND

RE-FINISH WITH NEW E.I.F.S. TO MATCH EXISTING DEPTH, COLOR, AND PREPARE EXISTING CONCRETE PAD TO RECEIVE NEW 4"H HOUSE KEEPING

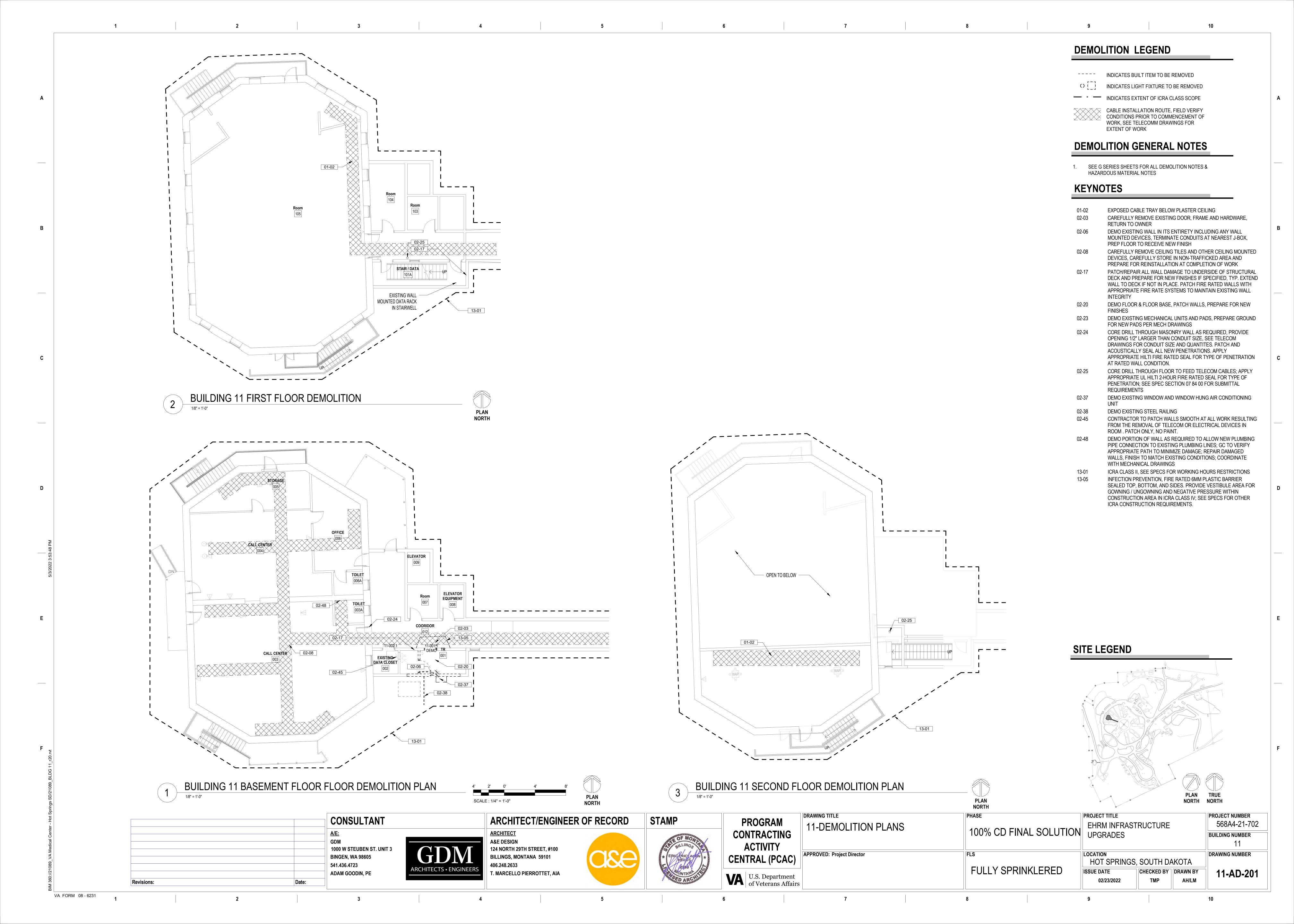
PAD FOR GENERATOR AND TRANSFER SWITCH, SEE ELECTRICAL DRAWINGS

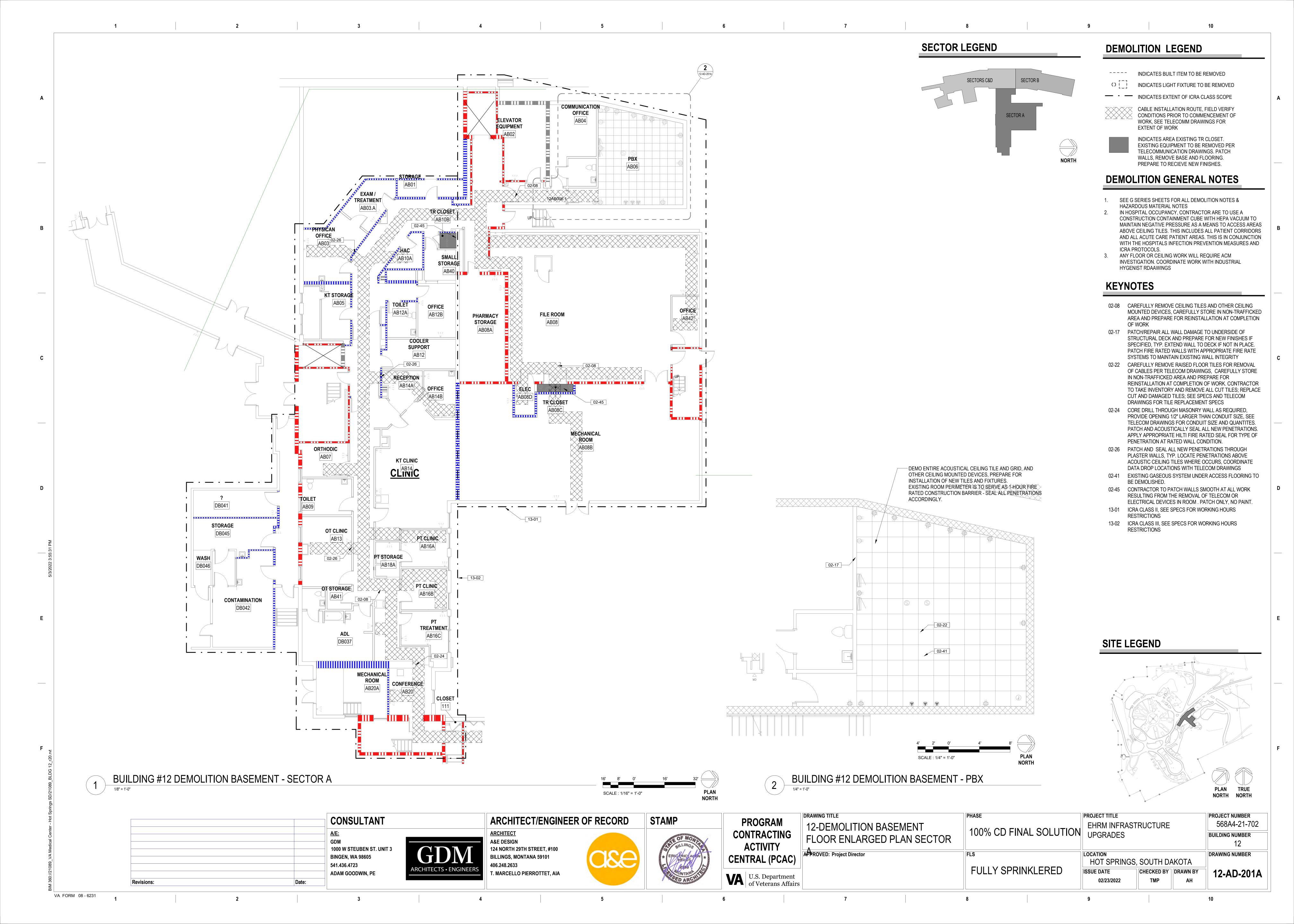
ICRA CLASS II, SEE SPECS FOR WORKING HOURS RESTRICTIONS

SITE LEGEND

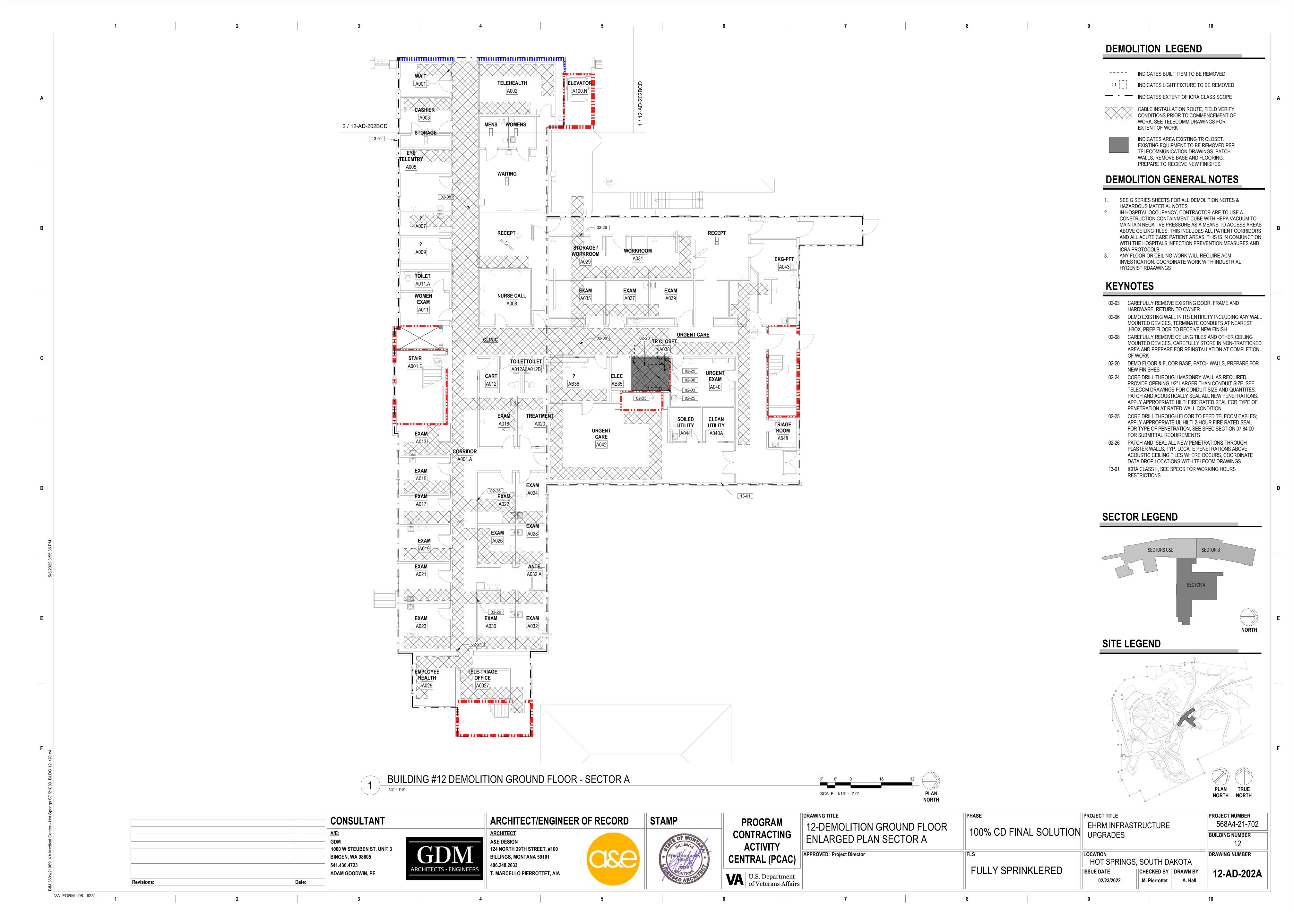


	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	PROGRAM	DEMOLITION FLOOR PLANS	PHASE	PROJECT TITLE EHRM INFRASTRUCTURE	PROJECT NUMBER 568A4-21-702
	A/E: GDM 1000 W STEUBEN STR, UNIT 3	ARCHITECT A&E DESIGN 124 NORTH 29TH STREET, #100	SILLINGS PA	CONTRACTING ACTIVITY	DEMOCITION LOCKT LANG	100% CD FINAL SOLUTION	UPGRADES	BUILDING NUMBER 10
	BINGEN,WA 98605 541.436.4723	BILLINGS, MONTANA 59101 406.248.2633	ERICARICA ANDIN	CENTRAL (PCAC)	APPROVED: Project Director	FLS	LOCATION HOT SPRINGS, SOUTH DAKOTA	DRAWING NUMBER
Revisions: Date:	ADAM GOODIN, PE	T. MARCELLO PIERROTTET, AIA	AND ARCHITE	U.S. Department of Veterans Affairs	S	FULLY SPRINKLERED	ISSUE DATE 02/23/2022 CHECKED BY TMP AH	10-AD-201



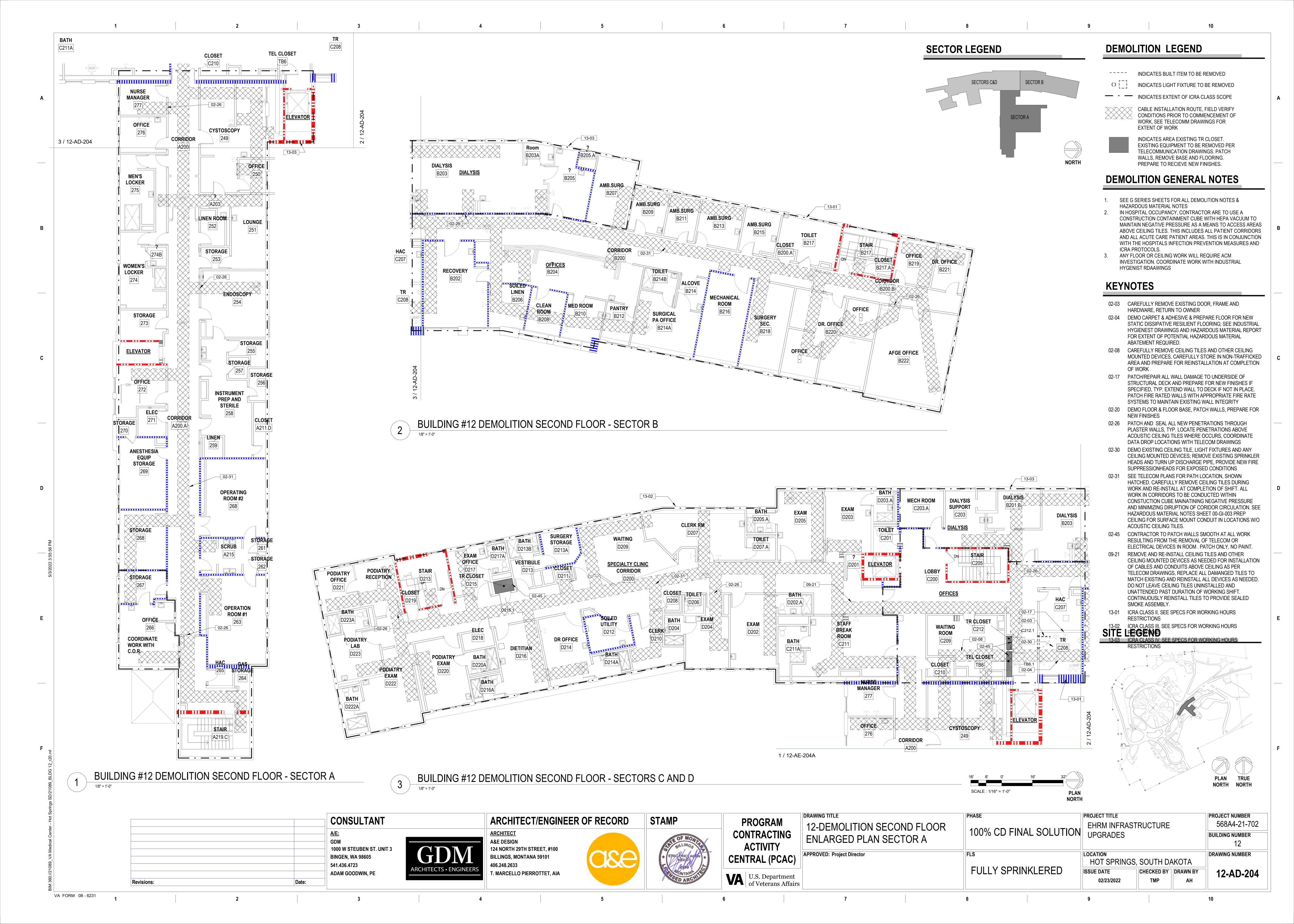


SECTOR LEGEND DEMOLITION LEGEND INDICATES BUILT ITEM TO BE REMOVED SECTORS C&D SECTOR B INDICATES LIGHT FIXTURE TO BE REMOVED — · — INDICATES EXTENT OF ICRA CLASS SCOPE CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF CONDITIONS PRIOR TO COMMENCEMENT OF SECTOR A WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK INDICATES AREA EXISTING TR CLOSET. EXISTING EQUIPMENT TO BE REMOVED PER TELECOMMUNICATION DRAWINGS. PATCH WALLS, REMOVE BASE AND FLOORING. NORTH PREPARE TO RECIEVE NEW FINISHES. **DEMOLITION GENERAL NOTES** 1. SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES 2. IN HOSPITAL OCCUPANCY, CONTRACTOR ARE TO USE A CONSTRUCTION CONTAINMENT CUBE WITH HEPA VACUUM TO MAINTAIN NEGATIVE PRESSURE AS A MEANS TO ACCESS AREAS ABOVE CEILING TILES. THIS INCLUDES ALL PATIENT CORRIDORS AND ALL ACUTE CARE PATIENT AREAS. THIS IS IN CONJUNCTION WITH THE HOSPITALS INFECTION PREVENTION MEASURES AND ICRA PROTOCOLS. ANY FLOOR OR CEILING WORK WILL REQUIRE ACM INVESTIGATION. COORDINATE WORK WITH INDUSTRIAL HYGENIST RDAAWINGS **KEYNOTES** 02-24 CORE DRILL THROUGH MASONRY WALL AS REQUIRED, PROVIDE OPENING 1/2" LARGER THAN CONDUIT SIZE, SEE TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITES. PATCH AND ACOUSTICALLY SEAL ALL NEW PENETRATIONS. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION. 02-26 PATCH AND SEAL ALL NEW PENETRATIONS THROUGH PLASTER WALLS, TYP. LOCATE PENETRATIONS ABOVE _____13-01_ ACOUSTIC CEILING TILES WHERE OCCURS, COORDINATE DATA DROP LOCATIONS WITH TELECOM DRAWINGS 02-31 SEE TELECOM PLANS FOR PATH LOCATION, SHOWN HATCHED. CAREFULLY REMOVE CEILING TILES DURING WORK AND RE-INSTALL AT COMPLETION OF SHIFT. ALL **CLEAN AND** SHOWER STERILE STORAGE DB03 **MECHANICAL** STERILE PREP ROOM DB03C CEILING FOR SURFACE MOUNT CONDUIT IN LOCATIONS W/O ACOUSTIC CEILING TILES. DECONTAMINATION 02-45 CONTRACTOR TO PATCH WALLS SMOOTH AT ALL WORK DB011 STORAGE RESULTING FROM THE REMOVAL OF TELECOM OR ELECTRICAL DEVICES IN ROOM . PATCH ONLY, NO PAINT. 13-01 ICRA CLASS II, SEE SPECS FOR WORKING HOURS RESTRICTIONS 13-03 ICRA CLASS IV, SEE SPECS FOR WORKING HOURS RESTRICTIONS MECHANICAL **MECHANICAL** TR CLOSET ROOM ROOM DB01A DB021A **GENERATOR SWITCH GEAR** DB021 **MECHANICAL** ROOM SITE LEGEND BUILDING #12 DEMOLITION BASEMENT - SECTORS C AND D SCALE: 1/16" = 1'-0" PLAN TRUE NORTH NORTH PROJECT TITLE PROJECT NUMBER PHASE DRAWING TITLE CONSULTANT ARCHITECT/ENGINEER OF RECORD STAMP **PROGRAM** 568A4-21-702 EHRM INFRASTRUCTURE 12-DEMOLITION BASEMENT 100% CD FINAL SOLUTION UPGRADES CONTRACTING <u>ARCHITECT</u> <u>A/E:</u> **BUILDING NUMBER** FLOOR ENLARGED PLAN SECTOR A&E DESIGN 12 **ACTIVITY** 124 NORTH 29TH STREET, #100 1000 W STEUBEN ST. UNIT 3 APPROVED: Project Director DRAWING NUMBER LOCATION **BILLINGS, MONTANA 59101 BINGEN, WA 98605 CENTRAL (PCAC)** HOT SPRINGS, SOUTH DAKOTA 406.248.2633 541.436.4723 **FULLY SPRINKLERED ISSUE DATE** CHECKED BY DRAWN BY 12-AD-201B T. MARCELLO PIERROTTET, AIA ADAM GOODWIN, PE U.S. Department of Veterans Affairs M. Pierrottet A. Hall VA FORM 08 - 6231

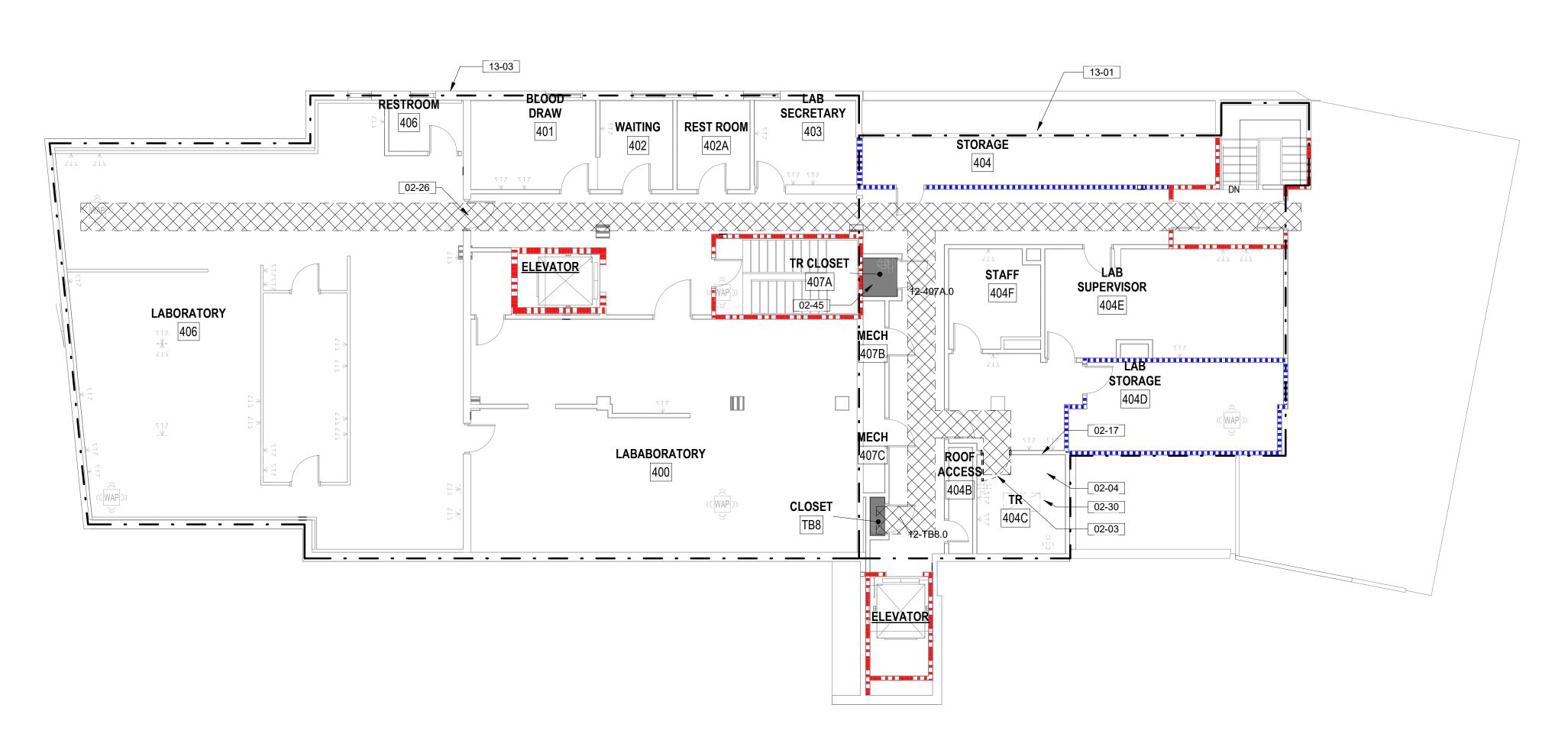












BUILDING #12 DEMOLITION FOURTH FLOOR ENLARGED PLAN



DEMOLITION LEGEND

---- INDICATES BUILT ITEM TO BE REMOVED

INDICATES LIGHT FIXTURE TO BE REMOVED

— · — INDICATES EXTENT OF ICRA CLASS SCOPE

CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

> INDICATES AREA EXISTING TR CLOSET. EXISTING EQUIPMENT TO BE REMOVED PER TELECOMMUNICATION DRAWINGS. PATCH WALLS, REMOVE BASE AND FLOORING. PREPARE TO RECIEVE NEW FINISHES.

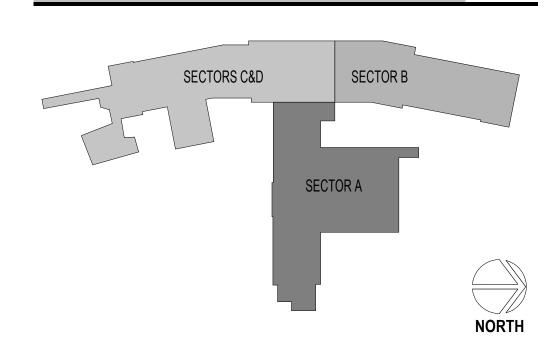
DEMOLITION GENERAL NOTES

- 1. SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES
- 2. IN HOSPITAL OCCUPANCY, CONTRACTOR ARE TO USE A CONSTRUCTION CONTAINMENT CUBE WITH HEPA VACUUM TO MAINTAIN NEGATIVE PRESSURE AS A MEANS TO ACCESS AREAS ABOVE CEILING TILES. THIS INCLUDES ALL PATIENT CORRIDORS AND ALL ACUTE CARE PATIENT AREAS. THIS IS IN CONJUNCTION WITH THE HOSPITALS INFECTION PREVENTION MEASURES AND ICRA PROTOCOLS.
- ANY FLOOR OR CEILING WORK WILL REQUIRE ACM INVESTIGATION. COORDINATE WORK WITH INDUSTRIAL HYGENIST RDAAWINGS

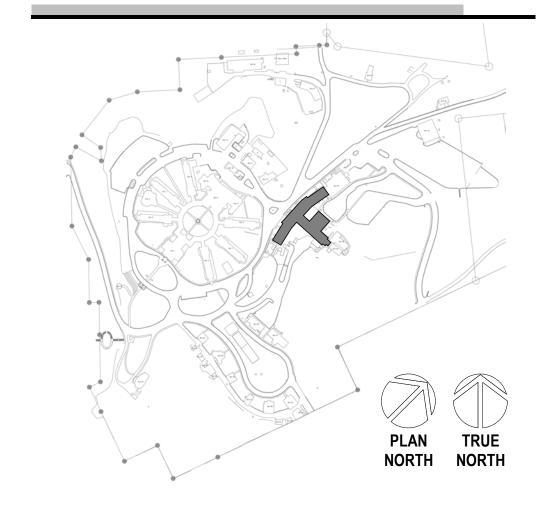
KEYNOTES

- 02-03 CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE, RETURN TO OWNER
- 02-04 DEMO CARPET & ADHESIVE & PREPARE FLOOR FOR NEW STATIC DISSIPATIVE RESILIENT FLOORING; SEE INDUSTRIAL HYGIENEST DRAWINGS AND HAZARDOUS MATERIAL REPORT FOR EXTENT OF POTENTIAL HAZARDOUS MATERIAL ABATEMENT REQUIRED.
- 02-06 DEMO EXISTING WALL IN ITS ENTIRETY INCLUDING ANY WALL MOUNTED DEVICES, TERMINATE CONDUITS AT NEAREST J-BOX, PREP FLOOR TO RECEIVE NEW FINISH
- 02-17 PATCH/REPAIR ALL WALL DAMAGE TO UNDERSIDE OF STRUCTURAL DECK AND PREPARE FOR NEW FINISHES IF SPECIFIED, TYP. EXTEND WALL TO DECK IF NOT IN PLACE. PATCH FIRE RATED WALLS WITH APPROPRIATE FIRE RATE SYSTEMS TO MAINTAIN EXISTING WALL INTEGRITY
- 02-26 PATCH AND SEAL ALL NEW PENETRATIONS THROUGH PLASTER WALLS, TYP. LOCATE PENETRATIONS ABOVE ACOUSTIC CEILING TILES WHERE OCCURS, COORDINATE DATA DROP LOCATIONS WITH TELECOM DRAWINGS 02-30 DEMO EXISTING CEILING TILE, LIGHT FIXTURES AND ANY
- CEILING MOUNTED DEVICES; REMOVE EXISTING SPRINKLER HEADS AND TURN UP DISCHARGE PIPE, PROVIDE NEW FIRE SUPPRESSIONHEADS FOR EXPOSED CONDITIONS 02-45 CONTRACTOR TO PATCH WALLS SMOOTH AT ALL WORK
- RESULTING FROM THE REMOVAL OF TELECOM OR ELECTRICAL DEVICES IN ROOM . PATCH ONLY, NO PAINT. 13-01 ICRA CLASS II, SEE SPECS FOR WORKING HOURS
- RESTRICTIONS 13-03 ICRA CLASS IV, SEE SPECS FOR WORKING HOURS
- RESTRICTIONS

SECTOR LEGEND



SITE LEGEND



PROJECT NUMBER

BUILDING NUMBER

DRAWING NUMBER

568A4-21-702

12-AD-206

		CONSULTANT	
		A/E: GDM 1000 W STEUBEN ST. UNIT 3 BINGEN, WA 98605 541.436.4723 ADAM GOODWIN, PE	GDV ARCHITECTS · ENGINEE
1-1	D-4		

VA FORM 08 - 6231

ARCHITECT/ENGINEER OF RECORD **ARCHITECT A&E DESIGN** 124 NORTH 29TH STREET, #100 BILLINGS, MONTANA 59101 406.248.2633

T. MARCELLO PIERROTTET, AIA



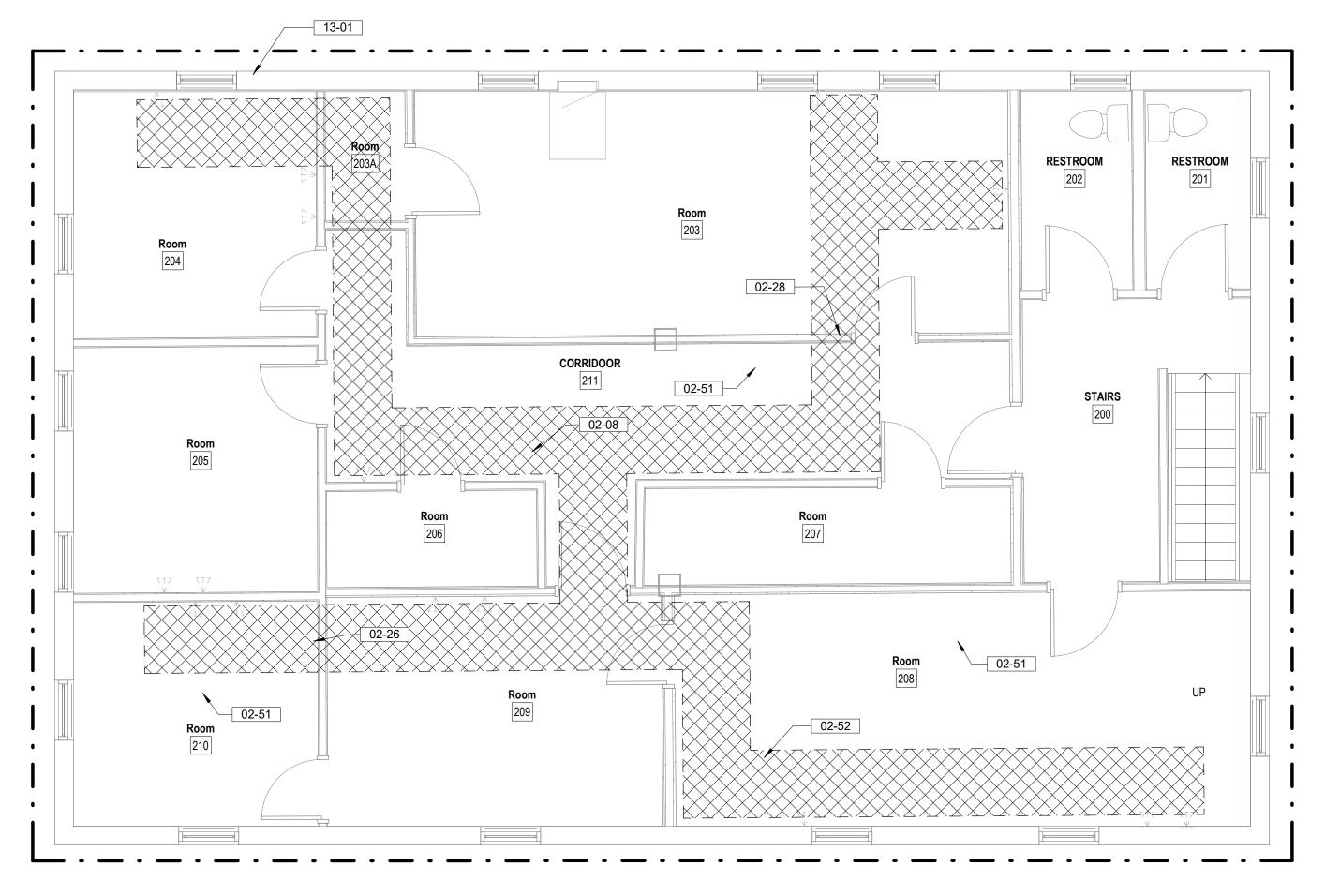


	DRAWING TITLE	PHASE
	12-DEMOLTION FOURTH FLOOR ENLARGED PLAN SECTOR D	1009
١	APPROVED: Project Director	FLS

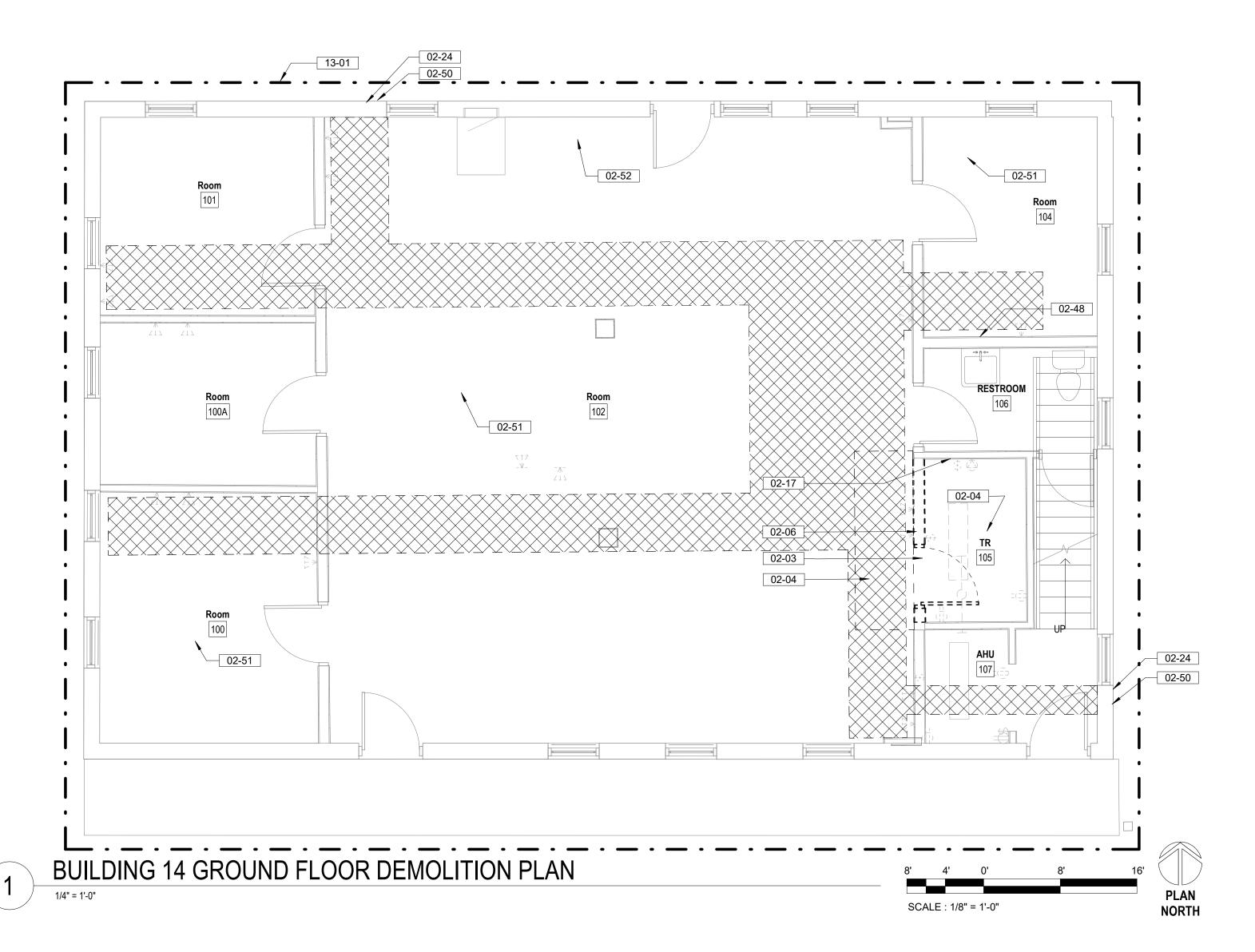
	PHASE	PROJECT TITLE
OR	100% CD FINAL SOLUTION	EHRM INFRASTRUCTURE UPGRADES
	FLS	LOCATION HOT SPRINGS SOUTH DAY

FULLY SPRINKLERED

ION	UPGRADES		
	LOCATION HOT SPRINGS,	SOUTH DA	NKOT/
	ISSUE DATE	CHECKED BY	DRAW
	02/23/2022	TMP	Δ.



BUILDING 14 FIRST FLOOR DEMOLITION PLAN



DEMOLITION LEGEND

---- INDICATES BUILT ITEM TO BE REMOVED

 $\bigcirc \, \, \big[\, \big]$ INDICATES LIGHT FIXTURE TO BE REMOVED

— - INDICATES EXTENT OF ICRA CLASS SCOPE

CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES

KEYNOTES

CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE, RETURN TO OWNER

DEMO CARPET & ADHESIVE & PREPARE FLOOR FOR NEW STATIC DISSIPATIVE RESILIENT FLOORING; SEE INDUSTRIAL HYGIENEST DRAWINGS AND HAZARDOUS MATERIAL REPORT FOR EXTENT OF POTENTIAL

HAZARDOUS MATERIAL ABATEMENT REQUIRED. DEMO EXISTING WALL IN ITS ENTIRETY INCLUDING ANY WALL MOUNTED DEVICES, TERMINATE CONDUITS AT

NEAREST J-BOX, PREP FLOOR TO RECEIVE NEW FINISH CAREFULLY REMOVE CEILING TILES AND OTHER CEILING MOUNTED DEVICES, CAREFULLY STORE IN NON-TRAFFICKED AREA AND PREPARE FOR REINSTALLATION AT COMPLETION OF WORK

PATCH/REPAIR ALL WALL DAMAGE TO UNDERSIDE OF STRUCTURAL DECK AND PREPARE FOR NEW FINISHES IF SPECIFIED, TYP. EXTEND WALL TO DECK IF NOT IN PLACE. PATCH FIRE RATED WALLS WITH APPROPRIATE FIRE RATE SYSTEMS TO MAINTAIN EXISTING WALL

CORE DRILL THROUGH MASONRY WALL AS REQUIRED, PROVIDE OPENING 1/2" LARGER THAN CONDUIT SIZE, SEE TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITES. PATCH AND ACOUSTICALLY SEAL ALL NEW PENETRATIONS. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION.

PATCH AND SEAL ALL NEW PENETRATIONS THROUGH PLASTER WALLS, TYP. LOCATE PENETRATIONS ABOVE ACOUSTIC CEILING TILES WHERE OCCURS, COORDINATE DATA DROP LOCATIONS WITH TELECOM DRAWINGS

SEE ELECTRICAL DRAWINGS FOR DEMO OF ELECTRICAL PANEL; DEMO THROUGH THE FLOOR CONDUIT, PATCH FLOOR AND PREPARE FOR NEW FINISHES

DEMO PORTION OF WALL AS REQUIRED TO ALLOW NEW PLUMBING PIPE CONNECTION TO EXISTING PLUMBING LINES; GC TO VERIFY APPROPRIATE PATH TO MINIMIZE DAMAGE; REPAIR DAMAGED WALLS, FINISH TO MATCH EXISTING CONDITIONS; COORDINATE WITH MECHANICAL

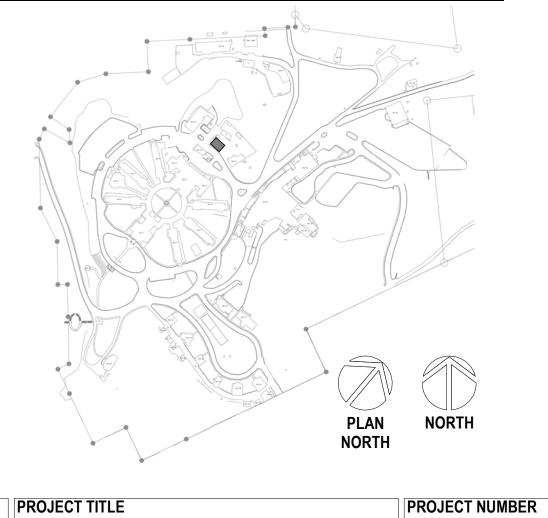
FOLLOW APPROPRIATE ABATEMENT PROTOCOLS FOR CORE DRILLING OF CONDUITS AND PIPE THROUGH EXTERIOR WALL; GC TO COORDINATE WITH ABATEMENT CONTRACTOR

> ABATE AND DISPOSE OF ENTIRE CEILING TILES DURING A 3-DAY WEEKEND AS DETERMINED BY C.O.R.; CLEAN AND WIPE ALL REMAINING SURFACES AS DICTATED BY PROPER ABATEENT PROTOCOLS, SEE HAZARD ABATEMENT PROTOCOLS. SEE HAZARD ABATEMENT DRAWINGS. CEILING GRID TO REMAIN

CONTRACTOR TO ENCAPSULATE ALL DAMAGED EXTERIOR WALLS WITH ONE LAYER OF 5/8" GYPSUM BOARD WITH 6" OVERLAP OF DAMAGED AREAS

ICRA CLASS II, SEE SPECS FOR WORKING HOURS RESTRICTIONS

SITE LEGEND



568A4-21-702

14-AD-201

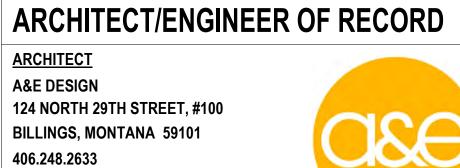
BUILDING NUMBER

DRAWING NUMBER

	CONSULTANT	
	A/E: GDM 1000 W STEUBEN ST. UNIT 3 BINGEN, WA 98605 541.436.4723	ARCHI
visions:	ADAM GOODIN, PE	

VA FORM 08 - 6231



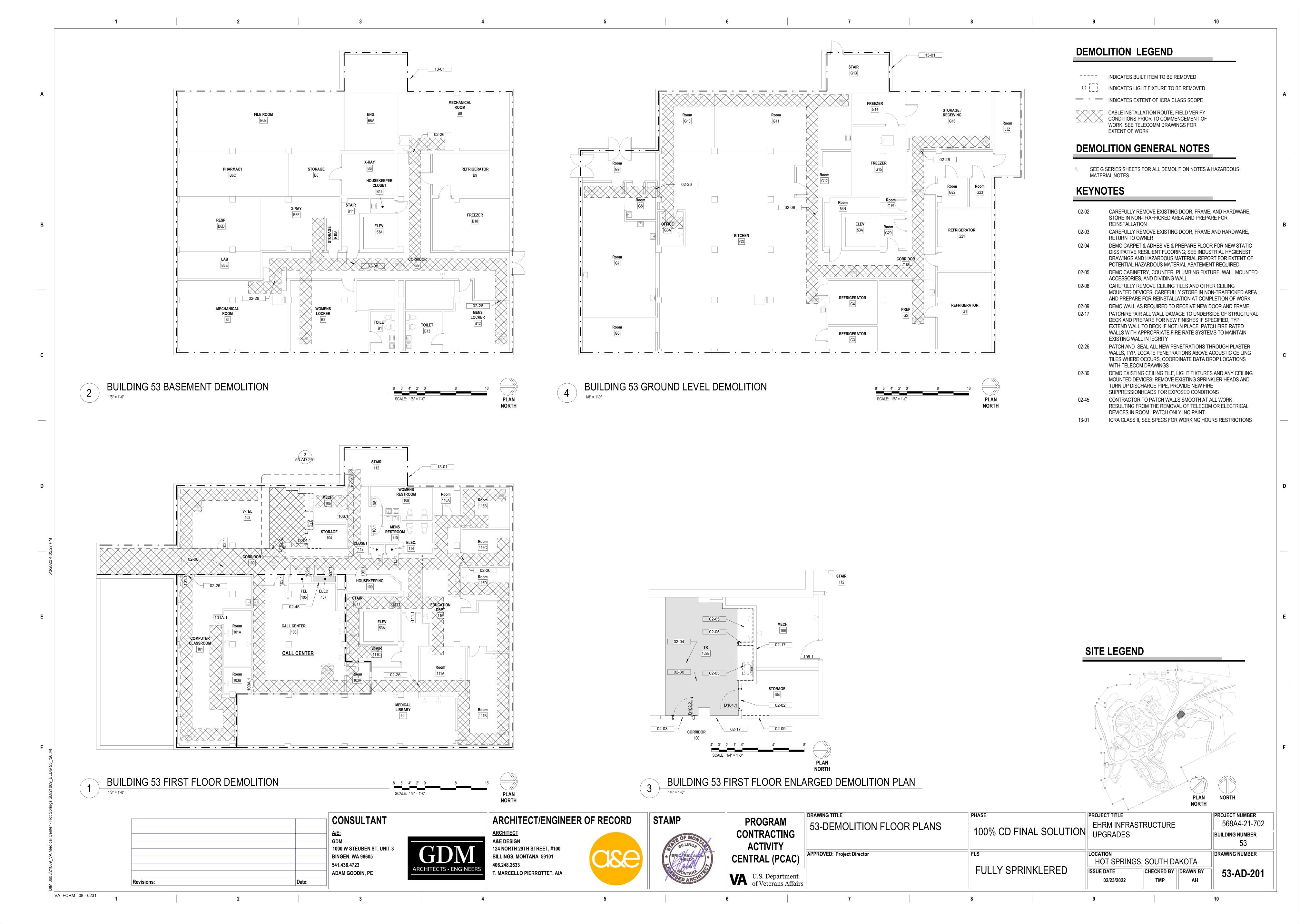


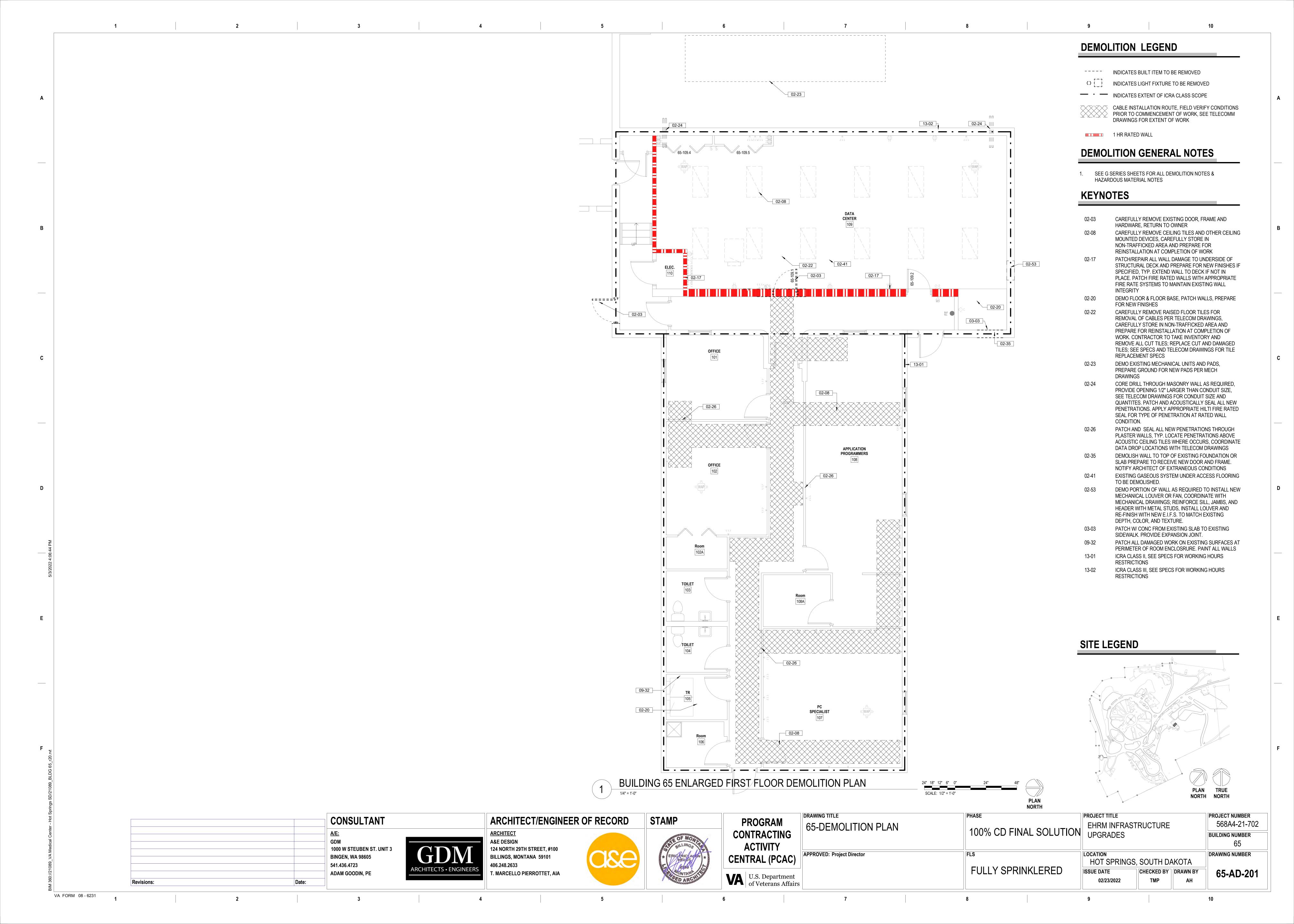


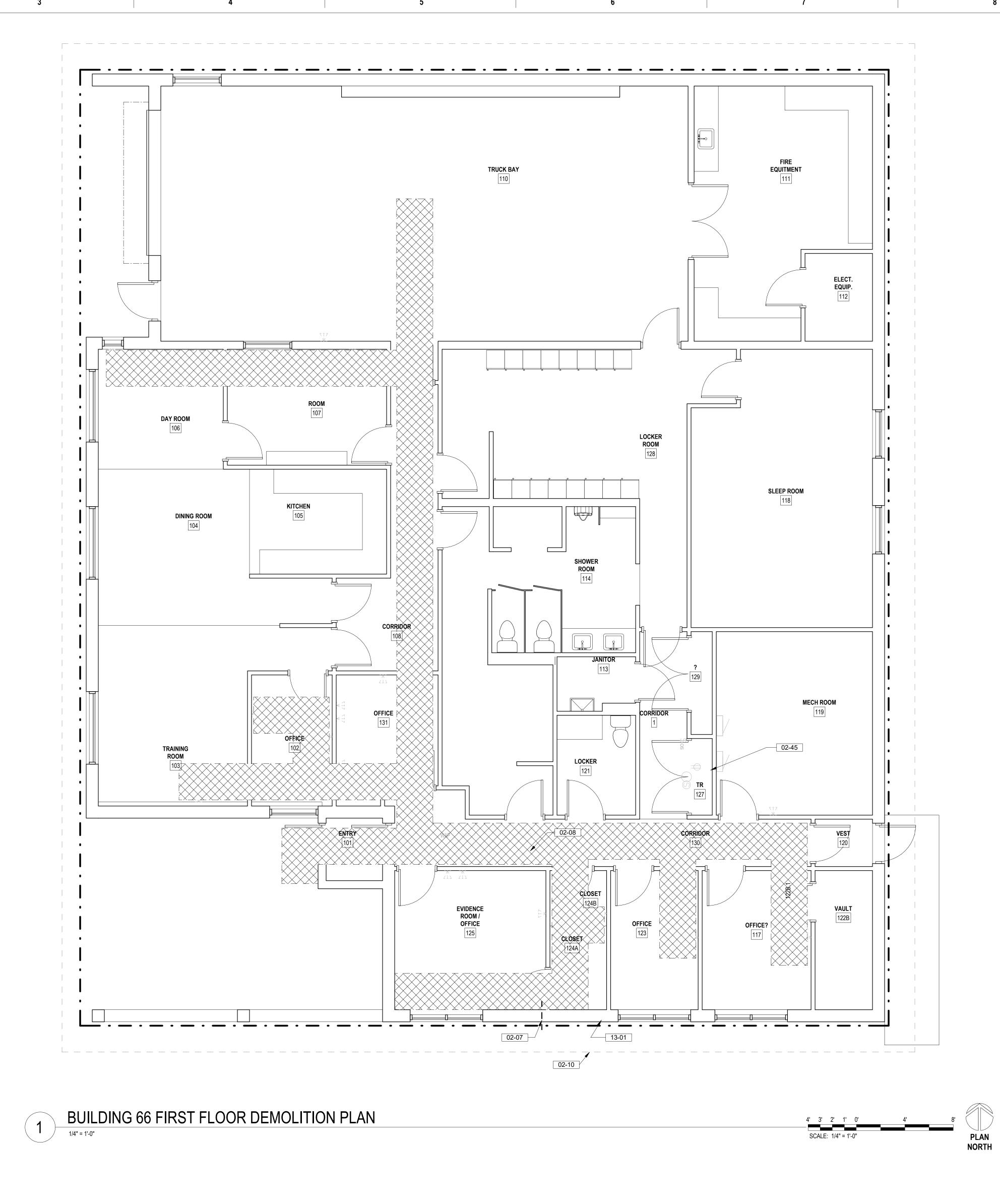


DRAWING TITLE	PHASE	PROJECT TITLE
14- DEMOLITION FLOOR PLANS	100% CD FINAL SOLUTION	EHRM INFRASTRUCTURE UPGRADES
APPROVED: Project Director	FLS	LOCATION
		HOT SPRINGS, SOUTH DAP
	NOT SPRINKLERED	ISSUE DATE CHECKED BY

ION	UPGRADES		
	LOCATION HOT SPRINGS,	SOUTH DA	AKOTA
	ISSUE DATE	CHECKED BY	DRAWN BY
	02/23/2022	TMP	AH







DEMOLITION LEGEND

INDICATES BUILT ITEM TO BE REMOVED

O INDICATES LIGHT FIXTURE TO BE REMOVED

— - — INDICATES EXTENT OF ICRA CLASS SCOPE

CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES

KEYNOTES

CORE DRILL EXISTING WALL AND PREPARE FOR PLUMBING PIPE INSTALLATION; COORDINATE WITH MECHANICAL DRAWINGS; SEAL AND MAINTAIN WALL ENVELOPE AND INTEGRITY OF WALL AFTER COMPLETION

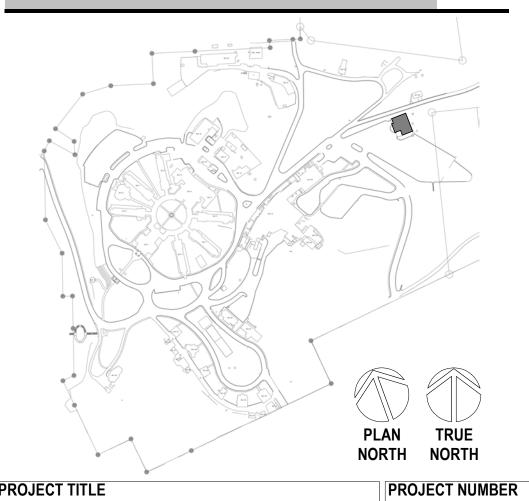
CAREFULLY REMOVE CEILING TILES AND OTHER CEILING MOUNTED DEVICES, CAREFULLY STORE IN NON-TRAFFICKED AREA AND PREPARE FOR REINSTALLATION AT COMPLETION OF WORK

MODIFY GUTTER AND RELOCATE DOWNSPOUT AT

CONTRACTOR TO PATCH WALLS SMOOTH AT ALL WORK RESULTING FROM THE REMOVAL OF TELECOM OR ELECTRICAL DEVICES IN ROOM . PATCH ONLY, NO PAINT.

ICRA CLASS II, SEE SPECS FOR WORKING HOURS RESTRICTIONS

SITE LEGEND



PROJECT TITLE 100% CD FINAL SOLUTION UPGRADES

PHASE

FULLY SPRINKLERED

EHRM INFRASTRUCTURE

568A4-21-702 BUILDING NUMBER DRAWING NUMBER

66-AD-201

LOCATION HOT SPRINGS, SOUTH DAKOTA CHECKED BY DRAWN BY ISSUE DATE 02/23/2022

CONSULTANT <u>A/E:</u> 1000 W STEUBEN ST. UNIT 3 **BINGEN, WA 98605** 541.436.4723

ARCHITECT A&E DESIGN 406.248.2633

124 NORTH 29TH STREET, #100 BILLINGS, MONTANA 59101 T. MARCELLO PIERROTTET, AIA

ARCHITECT/ENGINEER OF RECORD

STAMP

PROGRAM CONTRACTING **ACTIVITY CENTRAL (PCAC)**

APPROVED: Project Director

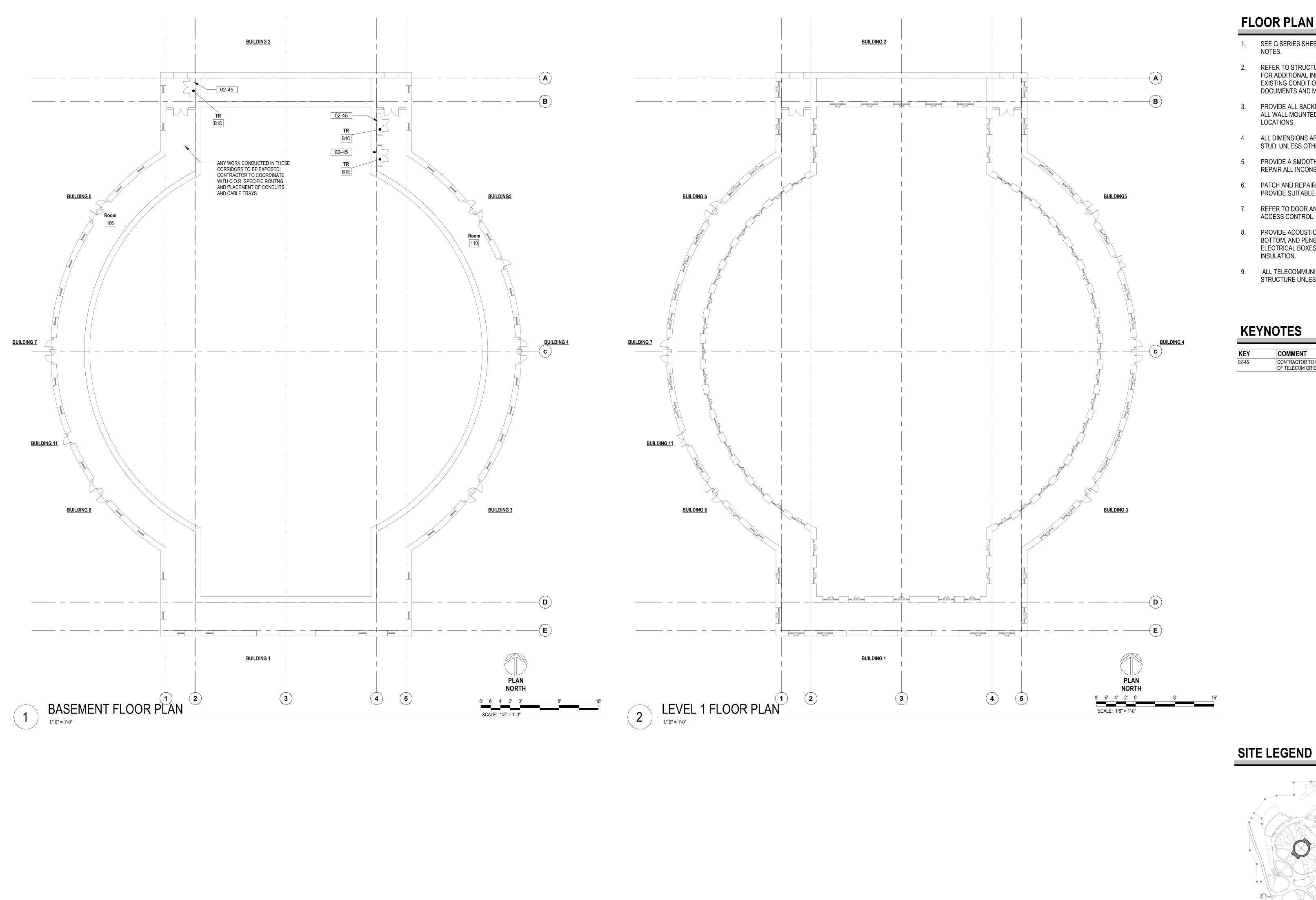
DRAWING TITLE

66-FIRST FLOOR DEMOLITION

U.S. Department of Veterans Affairs

ADAM GOODIN, PE

VA FORM 08 - 6231

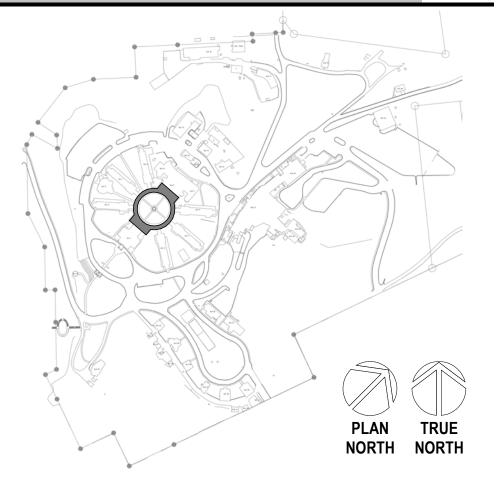


FLOOR PLAN GENERAL NOTES

- 1. SEE G SERIES SHEETS FOR BALANCE OF FLOOR PLAN GENERAL
- 2. REFER TO STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED UPON OWNER-SUPPLIED DOCUMENTS AND MAY NOT PRECISELY REFLECT FIELD CONDITIONS.
- 3. PROVIDE ALL BACKING FOR MILLWORK, GRAB BARS, AND ANY AND ALL WALL MOUNTED EQUIPMENT OR ACCESSORIES; COORDINATE LOCATIONS.
- 4. ALL DIMENSIONS ARE FROM STRUCTURAL OR UNFINISHED FACE OF STUD, UNLESS OTHERWISE NOTED.
- 5. PROVIDE A SMOOTH AND LEVEL FINISH FLOOR, TYP. PATCH AND REPAIR ALL INCONSISTENCIES IN FLOOR ELEVATIONS.
- 6. PATCH AND REPAIR ANY / ALL WALL SURFACES AS REQUIRED TO PROVIDE SUITABLE SUBSTRATE FOR FINISHES.
- 7. REFER TO DOOR AND FRAME SCHEDULE FOR DOORS REQUIRING ADA
- PROVIDE ACOUSTICAL SEALANT AROUND WALL EDGES, TOP AND BOTTOM, AND PENETRATIONS, AND INSTALL PUTTY PADS AROUND ELECTRICAL BOXES WHERE PARTITION CONTAINS ACOUSTICAL
- 9. ALL TELECOMMUNICATION ROOMS ARE TO HAVE EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, NO CEILINGS SPECIFIED.

KEYNOTES

CONTRACTOR TO PATCH WALLS SMOOTH AT ALL WORK RESULTING FROM THE REMOVAL OF TELECOM OR ELECTRICAL DEVICES IN ROOM . PATCH ONLY, NO PAINT.



		CONSULTANT	ARCHITEC	CT/ENGINEER OF RECOR	STAMP	PROGRAM	DRAWING TITLE 00-DOM-FLOOR PLANS		PROJECT TITLE EHRM INFRASTRUCTURE	PROJECT NUMBER 568A4-21-702
		A/E: GDM 1000 W STEUBEN ST. UNIT 3	ARCHITECT A&E DESIGN 124 NORTH 29TH 3	STREET #400		CONTRACTING ACTIVITY		100% CD FINAL SOLUTION	UPGRADES	BUILDING NUMBER 00-DOM
		BINGEN, WA 98605 541 436 4723	BILLINGS, MONTA 406.248.2633			CENTRAL (PCAC)	APPROVED: Project Director		LOCATION HOT SPRINGS, SOUTH D	
Revisions:	Date:	ADAM GOODIN, PE	T. MARCELLO PIE	RROTTET, AIA		U.S. Department of Veterans Affair	rs	FULLY SPRINKLERED	ISSUE DATE 02/23/2022 CHECKED BY TMP	DRAWN BY JPR 00-DOM-AE-1

