

# U.S. Department of Veterans Affairs

**PROJECT LOCATION:** FARGO VA HEALTH CARE SYSTEM 2101 ELM STREET NORTH FARGO, ND 58102

# PROJECT TITLE: 437-21-210 EHRM INFRASTRUCTURE UPGRADES -TIER 2

**BUILDING NUMBERS:** 

1-9-46 (MAIN HOSPITAL BUILDING), 3, 10, 11, 12, 13, 30, 39, 40, 51, 52, 56

ARCHITECTS + ENGINEERS:

# **BANCROFT ARCHITECTS + ENGINEERS**

3300 DUNDEE RD. NORTHBROOK, IL 60062 www.bancroft-ae.com Project Number: 22-113

# STRUCTURAL ENGINEER & BLAST CONSULTANT: HOHBACH-LEWIN, INC.

909 MONTGOMERY STREET, SUITE 260 SAN FRANCISCO, CA 94133 www.hohbach-lewin.com

# CIVIL ENGINEER: HOHBACH-LEWIN, INC.

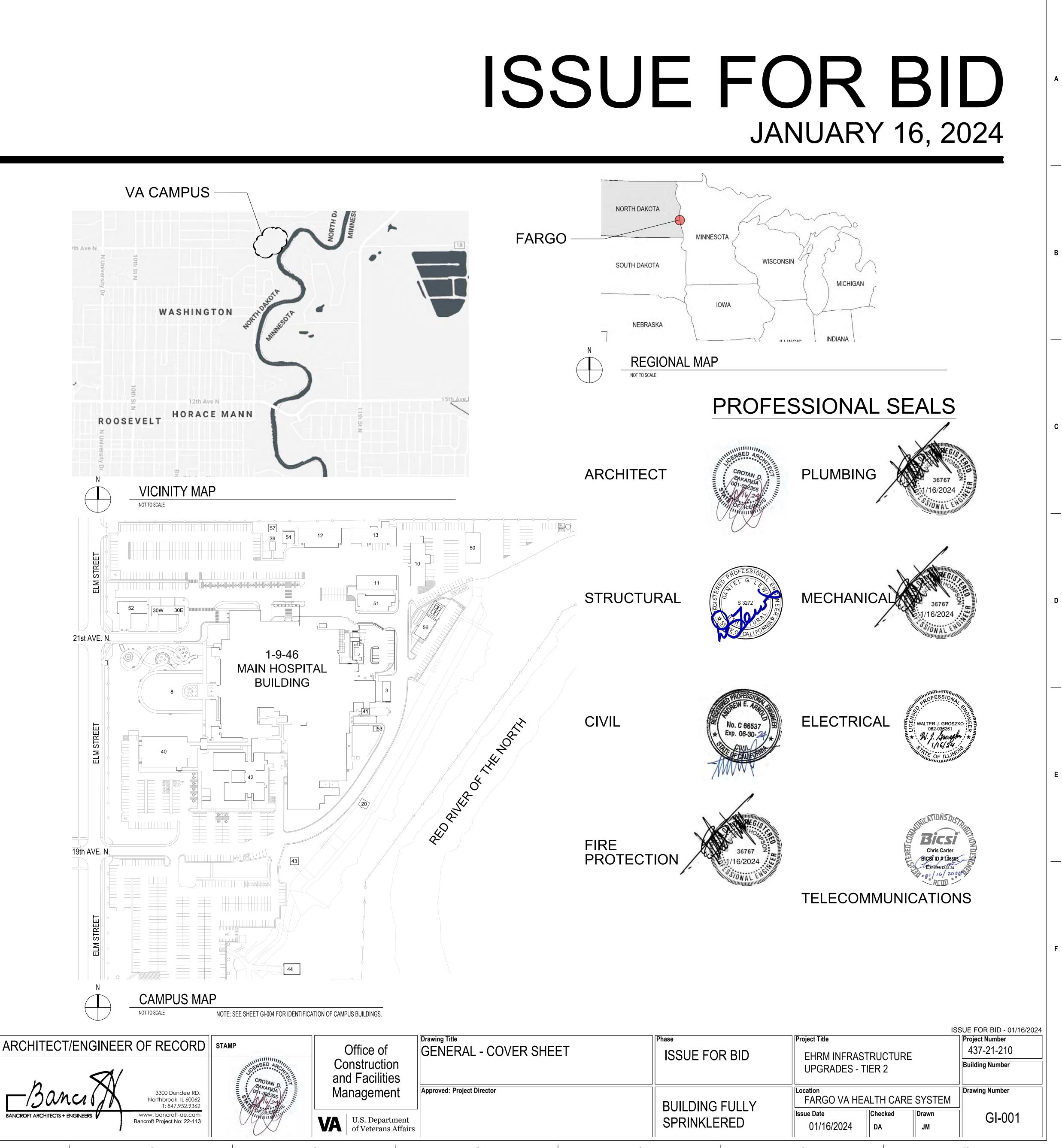
909 MONTGOMERY STREET, SUITE 260 SAN FRANCISCO, CA 94133 www.hohbach-lewin.com

# **ABATEMENT CONSULTANT:** TEM ENVIRONMENTAL INC.

174 N. BRANDON DRIVE GLENDALE HEIGHTS, IL 60139 www.tem-inc.com

VA FORM 08 - 6231

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ISSUE FOR BID	01-16-24	-
Revisions:	Date:	1



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	Approved: Project Director		BUILDING SPRINKLE		Location FARGO VA HEA Issue Date 01/16/2024	ALTH CA
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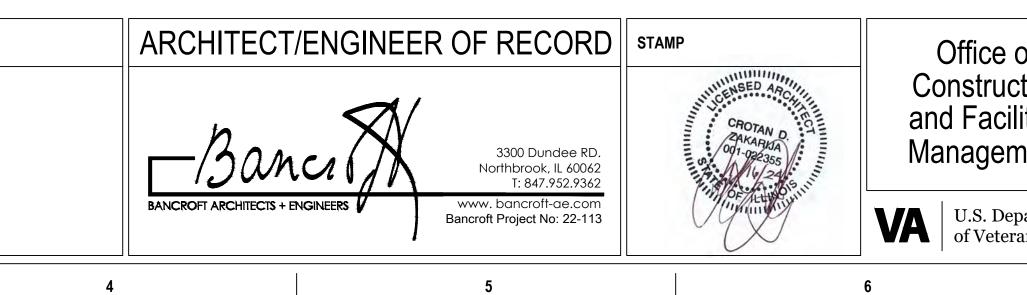
Sheet Number GI-001	
GI-001	Sheet Title
-	GENERAL GENERAL - COVER SHEET
GI-002	GENERAL - DRAWING INDEX
GI-003	GENERAL - FARGO VAHCS CONSTRUCTION CRITERIA
GI-004 GI-005	GENERAL - SITE ORIENTATION AND STAGING PLAN GENERAL - CODE AND BUILDING INFORMATION
GI-006	GENERAL - FOURTH FLOOR DATA CENTER - LIFE SAFETY PLAN
GI-007	GENERAL - BUILDING 46 - IT DEPARTMENT - LIFE SAFETY PLAN
GI-008	GENERAL - B1- UTILITY ROOMS - LIFE SAFETY PLAN
GI-009	GENERAL - B1- UTILITY ROOMS - LIFE SAFETY PLAN
GI-011 GI-012	GENERAL - CONTRACTOR & BOD PROTOCOL NOTES GENERAL - PROTECTION PROTOCOLS AND MISCELLANEOUS NOTES
GI-012 GI-013	GENERAL - GENERAL NOTES & SYMBOLS
GI-014	GENERAL - ABBREVIATIONS SYMBOLS LEGENDS AND MOUNTING HEIGHTS
GI-101	GENERAL - INFECTION CONTROL CLASS IV AND GENERAL NOTES
GI-102	GENERAL - INFECTION CONTROL - SAMPLE ICRA PERMIT AND FORMS
GI-103	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
GI-104	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
GI-105 GI-106	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
GI-100 GI-107	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
GI-108	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
GI-109	GENERAL - INFECTION CONTROL - SAMPLE ILSM FORMS
GI-201	
GI-201A	GENERAL - CONSTRUCTION SEQUENCE OF WORK NOTES
GI-202 GI-203	GENERAL - CONSTRUCTION SEQUENCE OF WORK - BASEMENT GENERAL - CONSTRUCTION SEQUENCE OF WORK - FIRST FLOOR
GI-203 GI-204	GENERAL - CONSTRUCTION SEQUENCE OF WORK - FIRST FLOOR GENERAL - CONSTRUCTION SEQUENCE OF WORK - SECOND FLOOR
GI-205	GENERAL - CONSTRUCTION SEQUENCE OF WORK - THIRD FLOOR
GI-206	GENERAL - CONSTRUCTION SEQUENCE OF WORK - FOURTH FLOOR
GI-207	GENERAL - CONSTRUCTION SEQUENCE OF WORK - ROOF
GI-208	GENERAL - CONSTRUCTION SEQUENCE OF WORK - OUTBUILDING
C-100	CIVIL - COVER SHEET
C-100 C-101	CIVIL - COVER SHEET CIVIL - NOTES
C-200	CIVIL - DEMOLITION NOTES
C-300	CIVIL - GRADING & DRAINAGE PLAN
C-400	CIVIL - UTILITY PLAN
C-500 C-600	CIVIL - DETAILS CIVIL - SECTIONS
	STRUCTURAL
S-100	GENERAL STRUCTURAL NOTES
S-200	STRUCTURAL - PARTIAL SITE PLAN
S-202	STRUCTURAL - PARTIAL ROOF PLAN
S-203	STRUCTURAL - PARTIAL FRAMING PLANS
S-501	STRUCTURAL - CONCRETE DETAILS STRUCTURAL - CONCRETE DETAILS
S-502 S-701	STRUCTURAL - CONCRETE DETAILS STRUCTURAL - STEEL DETAILS
S-702	STRUCTURAL - STEEL DETAILS
	HAZARDOUS ABATEMENT
ENV-01	ABATEMENT PLAN - FOURTH FLOOR
	ARCHITECTURE
AS-B1-101	ARCHITECTURAL - BUILDING 1-9-46 - BASEMENT PLAN
AS-B40-101 AS-B1-111	ARCHITECTURAL - BUILDING 40 - BASEMENT PLAN ARCHITECTURAL - BUILDING 1-9-46 - FIRST FLOOR PLAN
AS-B1-111 AS-B1-121	ARCHITECTURAL - BUILDING 1-9-46 - FIRST FLOOR PLAN ARCHITECTURAL - BUILDING 1-9-46 - SECOND FLOOR PLAN
AS-B1-131	ARCHITECTURAL - BUILDING 1-9-46 - THIRD FLOOR PLAN
AS-B1-141	ARCHITECTURAL - BUILDING 1-9-46 - FOURTH FLOOR PLAN
AS-B1-161	ARCHITECTURAL - BUILDING 1-9-46 - ROOF PLAN
AS-B1-201	ARCHITECTURAL - B1 - ARCH SITE DEMO PLAN - NORTH DOCK
AS-B1-202	ARCHITECTURAL - B1 - ARCH SITE PLAN - NORTH DOCK

VA FORM 08 - 6231

Sheet NumberSheet TitleAS-B1-203ARCHITECTURAL - B1 - BE-98,BE-97, BE-35,BE-38A,BE-38B DAS-B1-204ARCHITECTURAL - B1 - BE-98,BE-97, BE-35,BE-38A,BE-38B PAS-B1-205ARCHITECTURAL - B1 - SITE SECURITY PLANAS-B1-206ARCHITECTURAL - B1 - NORTH LOADING DOCK - SITE SECUAS-B1-207ARCHITECTURAL - B1 - SOUTH LOADING DOCK - SITE SECUAS-B1-221ARCHITECTURAL - B1 - PARTIAL ROOF PLANS	LAN	• • 85% CD	100% CD
AS-B1-204ARCHITECTURAL - B1 - BE-98,BE-97, BE-35,BE-38A,BE-38B PAS-B1-205ARCHITECTURAL - B1 - SITE SECURITY PLANAS-B1-206ARCHITECTURAL - B1 - NORTH LOADING DOCK - SITE SECUAS-B1-207ARCHITECTURAL - B1 - SOUTH LOADING DOCK - SITE SECU	LAN		
AS-B1-205ARCHITECTURAL - B1 - SITE SECURITY PLANAS-B1-206ARCHITECTURAL - B1 - NORTH LOADING DOCK - SITE SECUAS-B1-207ARCHITECTURAL - B1 - SOUTH LOADING DOCK - SITE SECU	IRITY PLAN	•	•
AS-B1-206 ARCHITECTURAL - B1 - NORTH LOADING DOCK - SITE SECU AS-B1-207 ARCHITECTURAL - B1 - SOUTH LOADING DOCK - SITE SECU	RITY PLAN		•
AS-B1-207 ARCHITECTURAL - B1 - SOUTH LOADING DOCK - SITE SECU	RITY PLAN	•	•
			•
		•	•
AS-B1-231 ARCHITECTURAL - B1 - THIRD FLOOR REFLECTED CEILING	PLAN •	•	•
AS-B1-232 ARCHITECTURAL - B1 - THIRD FLOOR REFLECTED CEILING		•	•
AS-B1-241 ARCHITECTURAL - B1 - FOURTH FLOOR DEMOLITION PLAN	- DATA CENTER •	•	•
AS-B1-242 ARCHITECTURAL - B1 - FOURTH FLOOR PLAN - DATA CENTE	ER ·	•	•
AS-B1-243 ARCHITECTURAL - B1 - FOURTH FLOOR DEMO CEILING PLA	N -DATA CENTER	•	•
AS-B1-244 ARCHITECTURAL - B1 - FOURTH FLOOR CEILING PLAN - DAT	TA CENTER •	•	•
AS-B1-245 ARCHITECTURAL - B1 - FOURTH FLOOR TRUSS CEILING PLA	AN •	•	•
AS-B1-246 ARCHITECTURAL - B1 - ENLARGED FOURTH FLOOR PLAN	•	•	•
AS-B1-251 ARCHITECTURAL - B1 - DEMOLITION ROOF PLAN - DATA CE	NTER •	•	•
AS-B1-252 ARCHITECTURAL - B1 - ROOF PLAN - DATA CENTER	•	•	•
AS-B46-201 ARCHITECTURAL - B46 - BASEMENT DEMO PLAN - IT DEPAR		•	•
AS-B46-202 ARCHITECTURAL - B46 - BASEMENT FLOOR PLAN - IT DEPA		•	•
AS-B46-203 ARCHITECTURAL - B46 - BASEMENT CEILING DEMO PLAN - I AS-B46-204 ARCHITECTURAL - B46 - BASEMENT CEILING PLAN - IT DEPA		•	•
AS-B46-211 ARCHITECTURAL - B46 - FIRST FLOOR DEMO & NEW PLAN -		•	•
AS-B46-221 ARCHITECTURAL - B46 - SECOND FLOOR- ROOF DEMO PLA	-	•	•
AS-B46-222 ARCHITECTURAL - B46 - SECOND FLOOR - ROOF PLAN		•	•
AS-B1-301 ARCHITECTURAL - BE-98 GENERATOR ROOM - EXTERIOR E		•	•
AS-B1-302 ARCHITECTURAL - B1 - BLAST MITIGATION ENLCOSURE ELE	EVATIONS	•	•
AS-B1-303 ARCHITECTURAL - B1 - ELEVATIONS & SECTIONS - DATA CE	INTER	•	•
AS-B1-304 ARCHITECTURAL - B1 - INTERIOR ELEVATIONS - GENERATO	OR RM. BE-98	•	•
AS-B1-305 MAIN COMPUTER ROOM - SECTIONS		•	•
AS-B1-306 ARCHITECTURAL - B1 - SECTIONS - GENERATOR RM. BE-98	& UPS BE-97 •	•	•
AS-B3-101 ARCHITECTURAL - B3,11,13 & 30 - FLOOR PLANS			•
AS-B51-101 ARCHITECTURAL - B51,52,56 - FLOOR PLANS		•	•
AS-401 ARCHITECTURAL - BLAST MITIGATION BARRIER DETAILS		•	•
AS-501 ARCHITECTURAL - PARTITION TYPES		•	•
AS-502 ARCHITECTURAL - DETAILS AS-503 ARCHITECTURAL - WINDOW INFILL		•	•
AS-503 ARCHITECTURAL - WINDOW INFILE AS-601 ARCHITECTURAL - DOOR & FRAME SCHEDULE		•	•
AS-601 ARCHITECTURAL - FINISH SCHEDULE		•	•
AS-621 ARCHITECTURAL - SIGNAGE SCHEDULE		•	•
FIRE PROTECTION			
FX-001 FIRE PROTECTION GENERAL NOTES, ABBREVIATIONS, AND	LEGEND •	•	•
FXD-B01-104 FIRE PROTECTION - BUILDING 1 - ENLARGED 4TH FLOOR PL	_AN - DEMO •	•	•
FXD-B46-100 FIRE PROTECTION - BUILDING 46 - ENLARGED BASEMENT F	PLAN - DEMO •	•	•
FX-B01-100 FIRE PROTECTION - BUILDING 1 - EMERGENCY GENERATOR	R - BASEMENT •	•	•
FX-B01-104 FIRE PROTECTION - BUILDING 1 - ENLARGED FOURTH FLOO	OR PLAN •	•	•
FX-B46-100 FIRE PROTECTION - BUILDING 46 - ENLARGED BASEMENT F	PLAN •	•	•
FX-500 FIRE PROTECTION DETAILS	•	•	•
FX-501 FIRE PROTECTION DETAILS PLUMBING	•	•	•
P-001 PLUMBING GENERAL NOTES, ABBREVIATIONS, AND LEGEN	D •	•	•
PD-B01-100 PLUMBING - BUILDING 1 - BASEMENT DEMOLITION PLAN			•
PD-B01-103 PLUMBING - BUILDING 1 - THIRD FLOOR DEMOLITION PLAN	•	•	•
PD-B01-104 PLUMBING - BUILDING 1 - FOURTH FLOOR DEMOLITION PLA	N •	•	•
PD-B01-105 PLUMBING - BUILDING 1 - ROOF DEMOLITION PLAN	•	•	•
PD-B46-100 PLUMBING - BUILDING 46 - BASEMENT DEMOLITION PLAN	•	•	•
P-B01-100 PLUMBING PLAN - BUILDING 1 - BASEMENT P-B01-103 PLUMBING PLAN - BUILDING 1 - THIRD FLOOR			•
P-B01-103 PLUMBING PLAN - BUILDING 1 - THIRD FLOOR P-B01-104 PLUMBING - BUILDING 1 - ENLARGED FOURTH FLOOR PLAN		•	•
P-500 PLUMBING DETAILS	•	•	•
P-501 PLUMBING DETAILS	•	•	•
MECHANICAL			
M-001 MECHANICAL - GENERAL NOTES, SYMBOLS AND ABBREVIA	TIONS ·	•	•

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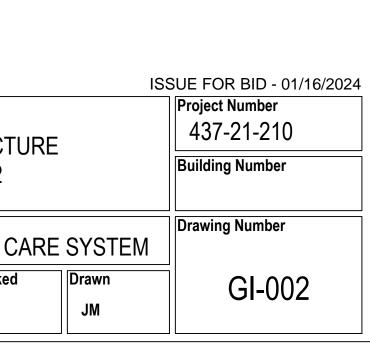
Sheet Number
MVD-B01-104
MVD-B46-100 MPD-B46-100
MPD-B46-101
MPD-B46-102
MV-B01-100 MV-B01-101
MV-B01-101 MV-B01-102
MV-B01-103
MV-B01-104 MP-B46-100
MP-B46-100
MP-B46-102
M-500
M-501 M-502
M-502 M-503
M-600
M-601
M-701
M-702
E001
E002
EPD-B1-101
EP-B1-101
EPD-B1-201
EP-B1-201 EP-B1-202
EP-B1-203
EP-B1-204
EP-B1-205
EP-B1-401 EP-B1-111
EP-B1-411
EP-B1-121
EP-B1-421 EP-B1-131
EP-B1-131 EP-B1-231
EP-B1-431
EP-B1-141
EP-B1-441 ELD-B1-231
EL-B1-232
EPD-B1-241
EP-B1-242 ELD-B1-243
EL-B1-244
EP-B1-151
EP-B1-451 EPD-B46-402
EPD-B46-402 EPD-B46-403
EP-B46-403
EFD-B1-244
EF-B1-244
EP-B40-101
EP-B40-102
E501



	FARGO EHRM - TIER 2 UPGRADES				
Sheet Number	Sheet Title	50% DD	85% CD	100% CD	Issue for Bid
MVD-B01-104	MECHANICAL - BLDG 1 - ENLARGED PLAN - FOURTH FLOOR - DEMOLITION	•	•	•	•
MVD-B46-100	MECHANICAL VENTILATION DEMOLITION PLAN - BUILDING 46 - BASEMENT	•	•	٠	•
MPD-B46-100	MECHANICAL PIPE DEMOLITION PLAN-BUILDING 46-BASEMENT	•	•	•	•
MPD-B46-101	MECHANICAL PIPE DEMOLITION PLAN-BUILDING 46-FIRST FLOOR			•	•
MPD-B46-102	MECHANICAL PIPE DEMOLITION PLAN BUILDING 46 - SECOND FLOOR	•	•	•	•
MV-B01-100	MECHANICAL - BUILDING 1 - EM. GEN. ENLARGED PLAN - BASEMENT	•	•	•	•
MV-B01-101	MECHANICAL - BUILDING 1 - FIRST FLOOR PLAN	•	•	•	•
MV-B01-102	MECHANICAL - BUILDING 1 - EM. GEN. ENLARGED PLAN - SECOND FLOOR	•	•	•	•
MV-B01-103 MV-B01-104	MECHANICAL - BUILDING 1 - THIRD FLOOR & ROOF PLAN MECHANICAL - BUILDING 1 - ENLARGED PLAN - FOURTH FLOOR	•	•	•	•
MP-B46-100	MECHANICAL PIPE PLAN - BUILDING 46 - BASEMENT	•	•	•	•
MP-B46-101	MECHANICAL PIPE PLAN - BUILDING 46 - FIRST FLOOR	•	•	•	•
MP-B46-102	MECHANICAL PIPE PLAN - BUILDING 46 - SECOND FLOOR - ROOF	•	•	•	•
M-500	MECHANICAL DETAILS		•	•	•
M-501	MECHANICAL DETAILS		•	•	•
M-502	MECHANICAL DETAILS		•	•	•
M-503	MECHANICAL DETAILS	•	•	•	•
M-600	MECHANICAL SCHEDULES		•	٠	•
M-601	MECHANICAL SCHEDULES	•	•	•	•
M-701	MECHANICAL CONTROLS		•	•	•
M-702	MECHANICAL CONTROLS		•	•	•
	ELECTRICAL: GENERAL				
E001	ELECTRICAL - GENERAL NOTES	•	•	•	•
E002	ELECTRICAL - SYMBOLS AND ABBREVIATION	•	•	•	•
	ELECTRICAL: BUILDING 1-9-46				
EPD-B1-101	ELECTRICAL - OVERALL BASEMENT DEMOLITION PLAN	•	•	•	•
EP-B1-101	ELECTRICAL - OVERALL BASEMENT PLAN	•	•	•	•
EPD-B1-201 EP-B1-201	ELECTRICAL - BLDG-1-9-46 - ENLARGED DEMO PLAN - BASEMENT ELECTRICAL - BLDG-1 - BASEMENT 4.16KV AND FEEDERS 208V	•	•	•	•
EP-B1-201 EP-B1-202	ELECTRICAL - BLDG-1 - BASEMENT 4. 16KV AND FEEDERS 208V ELECTRICAL - BLDG-1 - UPS ROOM ENLARGED PLAN	•	•	•	•
EP-B1-202	ELECTRICAL - BLDG-1 - GENERATOR ROOM ENLARGED PLAN	•	•	•	•
EP-B1-204	ELECTRICAL - BLDG-1 - OUTDOOR INSTALLATION	•	•	•	•
EP-B1-205	ELECTRICAL - B1 - SOUTH LOADING DOCK SECURITY GATE PLAN			•	•
EP-B1-401	ELETRICAL - BLDG-1-9-46 - ENLARGED PLANS - BASEMENT	•	•	•	•
EP-B1-111	ELECTRICAL - OVERALL FIRST FLOOR PLAN	•	•	•	•
EP-B1-411	ELETRICAL - BLDG-1-9-46 - ENLARGED PLANS - FIRST FLOOR	•	•	•	•
EP-B1-121	ELECTRICAL - OVERALL SECOND FLOOR PLAN	•	•	•	•
EP-B1-421	ELECTRICAL - BLDG-1-9-46 - ENLARGED PLANS - SECOND FLOOR	•	•	•	•
EP-B1-131	ELECTRICAL - OVERALL THIRD FLOOR PLAN	•	•	٠	•
EP-B1-231	ELECTRICAL - BLDG-1 - THIRD FLOOR & ROOF POWER PLAN	•	•	•	•
EP-B1-431	ELECTRICAL - BLDG-1-9-46 - ENLARGED PLANS - THIRD FLOOR	•	•	•	•
EP-B1-141	ELECTRICAL - OVERALL FOURTH FLOOR PLAN	•	•	•	•
EP-B1-441	ELECTRICAL - BLDG-1-9-46 - ENLARGED PLANS - FOURTH FLOOR	•	•	•	•
ELD-B1-231	ELECTRICAL - BLDG-1 - THIRD FLOOR LIGHTING DMO PLAN	•	•	•	•
EL-B1-232	ELECTRICAL - BLDG-1 - THIRD FLOOR LIGHTING PLAN	•	•	•	•
EPD-B1-241	ELECTRICAL - BLDG-1 - FOURTH FLOOR POWER DEMO - DATA CENTER	•	•	•	•
EP-B1-242	ELECTRICAL - BLDG-1 - FOURTH FLOOR POWER PLAN - DATA CENTER	•	•	•	•
ELD-B1-243 EL-B1-244	ELECTRICAL - BLDG-1 - FOURTH FLOOR LIGHTING DEMO - DATA CENTER ELECTRICAL - BLDG-1 - FOURTH FLOOR LIGHTING PLAN - DATA CENTER	•	•	•	•
EP-B1-151	ELECTRICAL - BUDG-1 - FOORTH FLOOR LIGHTING FLAN - DATA CENTER		•	•	•
EP-B1-451	ELECTRICAL - BLDG-1-9-46 - ENLARGED PLANS - PENTHOUSE	•	•	•	•
EPD-B46-402	ELECTRICAL - BUILDING 46 SECOND FLOOR ROOF			•	•
EPD-B46-403	ELECTRICAL - UPS SYSTEM A ROOM BC-50A AND BC-60 DEMOLITION	•	•	•	•
EP-B46-403	ELECTRICAL - UPS SYSTEM A ROOM BC-50A AND BC-60	•	•	•	•
EFD-B1-244	ELECTRICAL - FIRE ALARM DEMOLITION PLAN	•	•	•	•
EF-B1-244	ELECTRICAL - BLDG-1 - FOURTH FLOOR FIRE ALARM PLAN - DATA CENTER	•	•	•	•
	ELECTRICAL: BUILDING-40				
EP-B40-101	ELECTRICAL - BLDG-40 - ENLARGED POWER PLAN - FIRST FLOOR	•	•	•	•
EP-B40-102	ELECTRICAL - BLDG-40 - ENLARGED POWER PLAN - SECOND FLOOR	•	•	•	•
	ELECTRICAL: ELECTRICAL DETAILS				
E501	ELECTRICAL - DETAILS	•	•	•	•

	FARGO EHRM - TIER 2 UPGRADES	5			
Sheet Number	Sheet Title	50% DD	85% CD	100% CD	Issue for Bid
E502	ELECTRICAL - DETAILS	•	•	•	•
EP500	ELECTRICAL - UPS EM POWER FAILOVER SCENARIOS	•	•	•	•
	ELECTRICAL: ELECTRICAL SCHEDULES				
E601	ELECTRICAL - EQ MCR AND EM GEN SWITCHBOARD SCHEDULES	•	•	•	•
E602	ELECTRICAL - EQUIPMENT, LIGHTING AND UPS SYSTEM SCHEDULES	•	•	•	•
E603	ELECTRICAL - EMERGENCY PANEL SCHEDULES	•	•	•	•
E604	ELECTRICAL - UPS-A PANELS WIRING SCHEDULE		•	•	•
E605	ELECTRICAL - EMERGENCY PANELS WIRING SCHEDULE		•	•	•
ED606	ELECTRICAL - BC-50 DATA CENTER PANEL SCHEDULES DEMO		•	•	•
E606	ELECTRICAL - DATA CENTER PANEL SCHEDULES		•	•	•
E607	ELECTRICAL - DATA CENTER PANEL SCHEDULES		•	•	•
	ELECTRICAL: ELECTRICAL SINGLE LINES				
ED707	ELECTRICAL - UPS SYSTEM A - ROOM BC-50A - DEMOLITION		•	•	•
E707	ELECTRICAL - MCR MONOLITHIC UPS-A & UPS-B BLOCK DIAGRAM		•	•	•
E708	ELECTRICAL - EM GEN 46 SWBD 46EE-SWBD, UPS-A AND UPS-B				
	ICT				
TT-001	ICT - GENERAL NOTES, SYMBOLS + ABBREVIATIONS	•	•	•	•
TT- 202	ICT - CONSTRUCTION SEQUENCE OF WORK - BASEMENT		•	•	•
TT-B01-101	ICT - BUILDING 1-9-46 - BASEMENT ROUTING PLAN		•	•	•
TT-B01-111	ICT - BUILDING1-9-46 - FIRST ROUTING PLAN		•	•	•
TT-B01-121	ICT - BUILDING 1-9-46 - SECOND ROUTING PLAN		•	•	•
TT-B01-131	ICT - BUILDING 1-9-46 - THIRD ROUTING PLAN		•	•	•
TT-B01-141	ICT - BUILDING 1-9-46 - FOURTH ROUTING PLAN		•	•	•
TT-B01-151	ICT - BUILDING 1-9-46 - PENTHOUSE ROUTING PLAN		•	•	•
TT-B01-401	ICT - BUILDING 1-9-46 - ENLARGED PLAN - BASEMENT	•	•	•	•
TT-B01-402	ICT - BUILDING 1-9-46 - MCR ENLARGED PLAN	•	•	•	•
TT-B01-403	ICT - BUILDING 1-9-46 - MCR ENLARGED CABLE TRAY PLAN		•	•	•
TT-B01-404	ICT - BUILDING 1-9-46 - MCR ENLARGED PLAN		•	•	•
TT-B01-405	ICT - BUILDING 1-9-46 - MCR ENLARGED PLAN		•	•	•
TT-B01-406	ICT - BUILDING 1-9-46 - MCR ENLARGED SECURITY		•	•	•
TT-B01-407	ICT - BUILDING 1 - SECTIONS - MCR		•	•	•
TT-B01-408	ICT - BUILDING 1 - SECTIONS - MCR			•	•
TT-B01-400	ICT - BUILDING 3 - OVERALL ROUTING PLAN			•	•
TT-B03-101	ICT - BUILDING 10 - OVERALL ROUTING PLAN		•	•	•
TT-B10-101	ICT - BUILDING 11 - OVERALL ROUTING PLAN		•	•	•
TT-B11-101	ICT - BUILDING 12 - OVERALL ROUTING PLAN		•	•	•
TT-B12-101	ICT - BUILDING 13 - OVERALL ROUTING PLAN		•		
TT-B13-101	ICT - BUILDING 30 - OVERALL ROUTING PLAN		•	•	•
TT-B30-101	ICT - BUILDING 40 - OVERALL ROUTING PLAN		•	•	
TT-B40-101	ICT - BUILDING 40 - OVERALL ROUTING PLAN		•	•	
TT-B40-102	ICT - BUILDING 51 - OVERALL ROUTING PLAN		•	•	•
TT-B51-101 TT-B52-101	ICT - BUILDING 52 - OVERALL ROUTING PLAN		•	•	•
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TT-B56-101	ICT - BUILDING 56 - OVERALL ROUTING PLAN		•	•	
TT-500			•	•	•
TT-501	ICT - DETAILS		•	•	•
TT-502	ICT - DETAILS		•	•	<b>–</b>
TT-503	ICT - DETAILS		•	•	•
TT-504	ICT - DETAILS		•	•	•
TT-505	ICT - DETAILS		•	•	•
TT-600			•	•	•
TT-601	ICT - EXISTING SITE PLAN		•	•	•
TT-602	ICT - RISER - BACKBONE CABLING RISER DIAGRAM (1 OF 2)		•	•	•
TT-603	ICT - RISER - BACKBONE CABLING RISER DIAGRAM (2 OF 2)		•	•	•

of tion ities	Drawing Title GENERAL - DRAWING IN	Phase ISSUE FOR BID UPGRADES				
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				ALI	NOTES THIS SHEET
				RE	CORD NOTES AND DE D THE SPECIFICATION
				<u>GEN</u>	IERAL CONSTRUCTION NOT
Α					VA WILL BE NOTIFIED OF CRITERIA: 1. COMPROMISE LIFE S
				1.	2. CAUSE FUMES OR 1 3. GENERATE LARGE G
					4. INTERFERE WITH TH
					CONTRACTOR WILL AT A 1. FIRE/SMOKE DOORS
				2.	<ol> <li>SUFFICIENT MEANS</li> <li>ALL EGRESS ROUTE</li> </ol>
					4. TRASH AND DEBRIS BEING TRANSPORTE
					5. TOOLS AND MATERI THE CONTRACTOR WILL
					FOLLOWING CONDITIONS: 1. FIRE ALARM PULL S
					2. MEASURES USED TO CONTRACTOR IS NO
В				3.	<ol> <li>HOT WORK PERMITS</li> <li>SPRINKLER HEADS</li> <li>INTERIM LIFE SAFET</li> </ol>
					5. INTERIM LIFE SAFET
					MINIMIZE THE SPREAD O THE FOLLOWING REQUIRE
					1. FLOOR MATS AND I WHEN NEEDED.
					2. SIGNS AND BARRIEF AND BARRIERS WILL
					<ol> <li>DRY SWEEPING WILL</li> <li>NEGATIVE PRESSUR ENSURE EXHAUST [</li> </ol>
				4.	HAZARD TO INDIVID 5. ALL HVAC DUCTING
				т.	FUMES UNLESS THE SYSTEMS.
				5.	HAZARDOUS MATERIALS
С					CONTRACTOR WILL PROV AVAILABLE IN THE EVEN
				6.	INFORMATION. OSHA DEFINED CONFINED
					CONTRACTORS ARE EXPL
				<i>.</i>	HAZARDOUS MATERIALS INDIVIDUALS WORKING W
					ELIMINATED AS SOON AS CONSTRUCTION LIMITS. T
				0	CONTRACTOR WILL PROV
				δ.	ALL CONSTRUCTION MAT ACCEPTABLE UNLESS IT
Σ				9.	<u>ALL</u> NEW OR EXISTING P
<b>D</b> 12/14/2023 2:06:33 PM				10.	A MINIMUM OF 21 DAYS
2023 2:				11.	RECORDS OF EXISTING C CONDITIONS. ALL UTILITY
12/14/				12.	CONTRACTOR PARKING
					CONTRACTORS ARE EXPL THE DESIGNATED PARKIN
					TOWED AT THE CONTRAC OF ANY KIND OF EXPLO SEARCHED. SECURITY CA
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## FARGO VA HEALTHCARE SYSTEM CONSTRUCTION CRITERIA

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- ET SUPERSEDE ARCHITECT/ENGINEER OF DETAILS PROVIDED IN BOTH THE DRAWINGS DNS.
- OF ANY ACTIVITIES THAT ARE KNOWN TO OR COULD POTENTIALLY MEET ANY OF THE FOLLOWING
- SAFETY NOXIOUS ODORS

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QUANTITIES OF DUST THE OPERATION OF THE FIXED FIRE DETECTION OR SUPPRESSION SYSTEMS

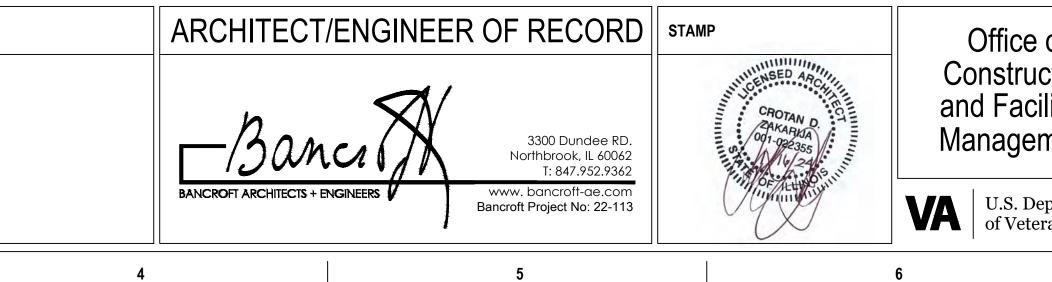
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- ALL TIMES ENSURE ALL MEANS OF EGRESS MEET THE FOLLOWING REQUIREMENTS RS ARE UNLOCKED AND FREE OF OBSTRUCTIONS S OF EGRESS AND IS FREE OF OBSTRUCTIONS
- ITES PROPERLY MARKED IS IS REMOVED WITHIN A REASONABLE TIMEFRAME. DEBRIS IS COVERED AND DAMPENED PRIOR TO TED THROUGH THE FACILITY. ERIALS WILL BE STORED NEATLY AND IN AN ORDERLY MANNER.
- ENSURE THE FIRE ALARM, FIRE DETECTION, AND FIRE SUPPRESSION SYSTEMS COMPLY WITH THE
- STATIONS ARE UNOBSTRUCTED TO PROTECT FIRE ALARM, FIRE DETECTION AND FIRE SUPPRESSION SYSTEMS ARE REMOVED WHEN NOT ACTIVELY WORKING TS ARE UTILIZED AND ARE CURRENT ANY TIME AN ACTIVITY COULD CAUSE A FIRE.
- WILL NEVER BE OBSTRUCTED ETY MEASURES ARE IN PLACE AND ARE BEING EFFECTIVELY MANAGED
- MAINTAIN A CLEAN WORK SPACE IN ORDER TO PROVIDE A SAFE WORKING ENVIRONMENT AND OF DUST THROUGH THE FACILITY. WORKS SITES WILL BE INSPECTED DAILY TO ENSURE THEY MEET REMENTS:
- DUST TACK MATS ARE LOCATED AT ACCESS POINTS TO THE CONSTRUCTION AREA AND REPLACED
- RIERS WILL BE UTILIZED TO RESTRICT UNAUTHORIZED ACCESS TO THE CONSTRUCTION AREAS. SIGNS ILL BE CLEANED PRIOR TO THEIR REMOVAL. ILL NOT BE PERFORMED WITHOUT THE USE OF APPROVED SWEEPING COMPOUNDS.
- JRE IS USED AND MAINTAINED AS REQUIRED BY THE VA. THE CONTRACTOR IS EXPECTED TO DUCTING IS NOT LOCATED NEAR ANY OTHER AIR INTAKE ASSEMBLY OR POSE A REASONABLE VIDUALS OUTSIDE.
- IG WILL BE COVERED DURING ACTIVITIES THAT COULD POTENTIALLY GENERATE DUST OR NOXIOUS THE DUCTING IS BEING USED TO GENERATE NEGATIVE AIR AND WILL NOT AFFECT OTHER HVAC
- S WILL BE STORED IN ACCORDANCE WITH OSHA AND THEIR MANUFACTURER'S RECOMMENDATIONS. OVIDE SDS INFORMATION FOR ALL CHEMICALS ON SITE UPON REQUEST. SDS SHEETS MUST BE ENT OF A FIRE IN ORDER TO ALLOW THE FIRE DEPARTMENT ACCESS TO NECESSARY SAFETY
- NED SPACES WILL NOT BE ENTERED WITHOUT PRIOR APPROVAL BY THE VA.
- PECTED TO OBSERVE AND MAINTAIN A LOCKOUT AND TAGOUT POLICY. S WHICH INCLUDE, BUT ARE NOT LIMITED TO, ASBESTOS ARE CLEARLY IDENTIFIED TO ALL WITHIN THE CONSTRUCTION ZONE. HAZARDOUS MATERIALS WILL BE QUICKLY MITIGATED AND AS REASONABLY POSSIBLE. ASBESTOS IS KNOWN TO BE PRESENT IN ALL AREAS WITHIN THE THE VA WILL BE PROVIDED A COPY OF ALL DISPOSAL PAPER WORK FOR RECORD KEEPING. OVIDE A COPY OF ALL TESTING REPORTS.
- ATERIALS MUST BE NON-COMBUSTABLE OR CARRY A NFPA FIRE RATING. SPRAY FOAM IS NOT IT IS SPECIFICALLY APPROVED BY THE VA.
- PENETRATIONS WILL BE FIRE CAULKED WITHIN THE LIMITS OF THE WORK.
- YS NOTIFICATION WILL BE PROVIDED PRIOR TO THE SHUT DOWN OF ANY UTILITY.
- CONDITIONS MAY BE AVAILABLE BUT THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE ITY LOCATES WILL BE BY THE CONTRACTOR.
- G IS LOCATED ON THE NORTH EAST SIDE OF CAMPUS AND SHARED WITH OTHER CONTRACTORS. XPECTED TO LOCK OR SECURE THEIR EQUIPMENT AND CONSTRUCTION MATERIALS. PARKING OUTSIDE KING AREA MUST BE COORDINATED WITH POLICE SERVICES OR THE CONTRACTORS VEHICLE MAY BE RACTORS EXPENSE. ALL WORKERS SHALL BE INFORMED THIS IS A FEDERAL FACILITY AND WEAPONS LOSIVES ARE NOT ALLOWED. EACH WORKER AND/OR THEIR VEHICLE IS SUBJECT TO BEING CAMERAS ARE IN USE ON THE FACILITY AND IT IS REASONABLE THAT A CONTRACTOR MAY ORDED WHILE WORKING IN THE FACILITY.

13. THE PRIME CONTRACTOR WILL PROVIDE A JOB SITE FOREMAN WHO IS OSHA 30 HOUR SAFETY QUALIFIED AND WHO MUST AND FAILURE TO BE RESPECTFUL COULD RESULT IN THE REMOVAL OF THE INDIVIDUAL FROM THE WORK SITE.

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- REASONABLE ACCOMMODATION TO THESE POLICIES.
- 15. THE FARGO VA IS A NON-SMOKING FACILITY.
- CONTRACTING OFFICER ARE PERFORMED AT THE RISK OF THE CONTRACTOR.
- 17. WORK IS EXPECTED TO BE DONE IN PHASES TO ENSURE THAT VA PRIORITIES ARE ADDRESSED FIRST. PHASED TIMES.
- 18. THE CONTRACTOR IS EXPECTED TO WORK AFTER NORMAL BUSINESS HOURS TO ENSURE THE CONSTRUCTION IS REDUCE DISRUPTION.
- OUT FOR WHATEVER DURATION THE WORK REQUIRES.
- WITHIN 35FT OF A COMBUSTIBLE MATERIAL AND IN ACCORDANCE WITH OSHA GUIDELINES.
- BEFORE IT IS COVERED OR OTHERWISE VISIBLY OBSTRUCTED.
- OR OTHERWISE VISIBLY OBSTRUCTING THE WORK.



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14. VHA DIRECTIVE 1192, SEASONAL INFLUENZA PREVENTION MEMORANDUM APPLIES TO ANY INDIVIDUAL WORKING AT THE VA AND DOES INCLUDE CONTRACTORS. THE DIRECTIVE DICTATES THAT ALL PERSONNEL WORKING AT THE VA WILL HAVE A CURRENT INFLUENZA VACCINE OR ACCEPTABLE WAIVER. PROOF OF VACCINATION OR AN ACCEPTABLE WAIVER MUST BE PROVIDED UPON REQUEST BY THE VA. ADDITIONAL HEALTH PROTECTION MEASURES MAY BE IMPLIMENTED BEFORE OR DURING CONSTRUCTION IN RESPONSE TO THE COVID PANDEMIC AND THE CONTRACTOR IS EXPECTED TO MAKE EVERY

16. ALL CHANGES IN CONTRACT WORK AND EXTENSIONS OF TIME MUST BE AUTHORIZED BY THE CONTRACTING OFFICER PRIOR TO BEGINNING THE CHANGE. CHANGES TO THE CONTRACT THAT ARE PERFORMED WITHOUT AUTHORIZATION BY THE

CONSTRUCTION IS ALSO REQUIRED TO ENSURE THAT FUNCTIONAL AREAS OF THE HOSPITAL REMAIN OPERATIONAL AT ALL

COMPLETED ON THE CONSTRUCTION COMPLETION DATE ESTABLISHED AT THE AWARD OF THE CONTRACT. ACTIVITIES THAT DISRUPT NORMAL HOSPITAL FUNCTIONS WHICH INCLUDE BUT ARE NOT LIMITED TO FLOOR REMOVAL, ASBESTOS ABATEMENT, AND UTILITY SHUT DOWNS MAY BE REQUIRED TO BE DONE DURING EVENINGS, OR WEEKENDS IN ORDER TO

19. CONTRACTOR SHALL REQUEST AN ABOVE CEILING PERMIT WITH THE VA ENGINEERING DEPARTMENT ANY TIME ANY WORK IS CONDUCTED THAT ADDS, MODIFIES OR ALTERS ANY UTILITIES OR WALL ASSEMBLIES. WORK PERMITS MAY BE SIGNED

20. CONTRACTOR SHALL REQUEST A HOT WORK PERMIT ANY TIME ANY CONSTRUCTION ACTIVITY IS CONDUCTED WHICH SHOULD RESULT IN THE GENERATION HOT SURFACES, SPARKS, OPEN FLAMES OR OTHER SOURCES OF COMBUSTION

21. CONTRACTOR SHALL REQUEST A CONFINED SPACE ENTRY PERMIT ANY TIME A WORKER ENTERS A SPACE WHERE EGRESS IS RESTRICTED AND WHERE OXYGEN CAN BE QUICKLY DISPLACED. QUESTIONS CAN BE DIRECTED TO THE VA INDUSTRIAL HYGIENIST WHO MAINTAINS A COMPREHENSIVE LIST OF PERMITTED CONFINED SPACES. CONTRACTOR MUST PROVIDE A CERTIFICATE OF TRAINING FOR CONFINED SPACE ENTRY PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR ALL EXPENSES RELATED. PROVIDING THE APPROPRIATE PPE FOR CONFINED SPACE ENTRY.

22. CONTRACTOR SHALL COORDINATE AN INSPECTION WITH THE VA ANYTIME WORK IS PERFORMED BEHIND A WALL BUT

23. CONTRACTOR SHALL COORDINATE AN INSPECTION OF WORK PERFORMED ABOVE THE CEILING PRIOR TO COVERING IT UP

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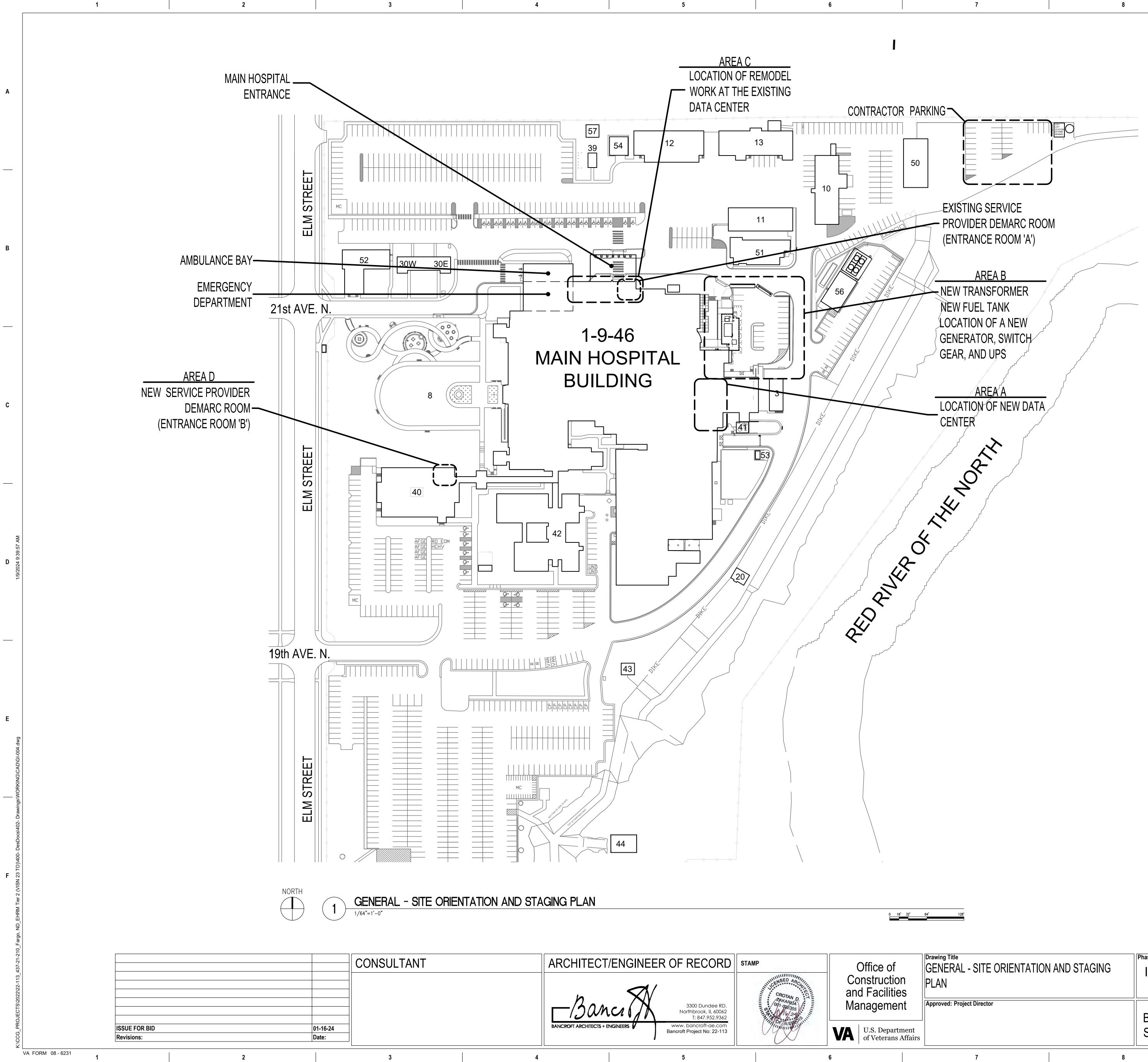
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	-Bancit	3300 Dundee RD. Northbrook, IL 60062 T: 847.952.9362	CROTAN D. ZAKARKA 001-092355	Constru and Fac Manage
	BANCROFT ARCHITECTS + ENGINEERS	www. bancroft-ae.com Bancroft Project No: 22-113	Construction of the second	VA U.S. De of Vete
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## **BUILDING KEY**

- 1 MEDICAL CENTER
- 3 ADMINISTRATION OFFICE 8 FLAGPOLE

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- 9 MEDICAL CENTER
- 10 BOILER PLANT
- 11 MAINTENANCE GARAGE
- 12 WAREHOUSE
- 13 LAUNDRY
- 20 GATE WELL

30 ADMINISTRATION OFFICE

- 39 OLD HIGH VOLTAGE SWITCHGEAR BLDG
- 40 VBA REGIONAL OFFICE
- 41 OXYGEN STORAGE TANK 42 UND SCHOOL OF MEDICINE
- 43 PICNIC SHELTER AND PATIO
- 44 XCEL ENERGY BLDG (NATURAL GAS)
- 46 MEDICAL CENTER 50 COLD STORAGE BUILDING
- 51 HRMS
- 52 ADMINISTRATION OFFICE 53 HAZMAT STORAGE BUILDING
- 54 PANDEMIC FLU STORAGE BUILDING
- 56 CHILLER PLANT
- 57 NEW HIGH VOLTAGE SWITCHGEAR BLDG

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APPLICABLE CODES + STANDARDS

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- 1) VA DIR GUIDA
- 2) NFPA

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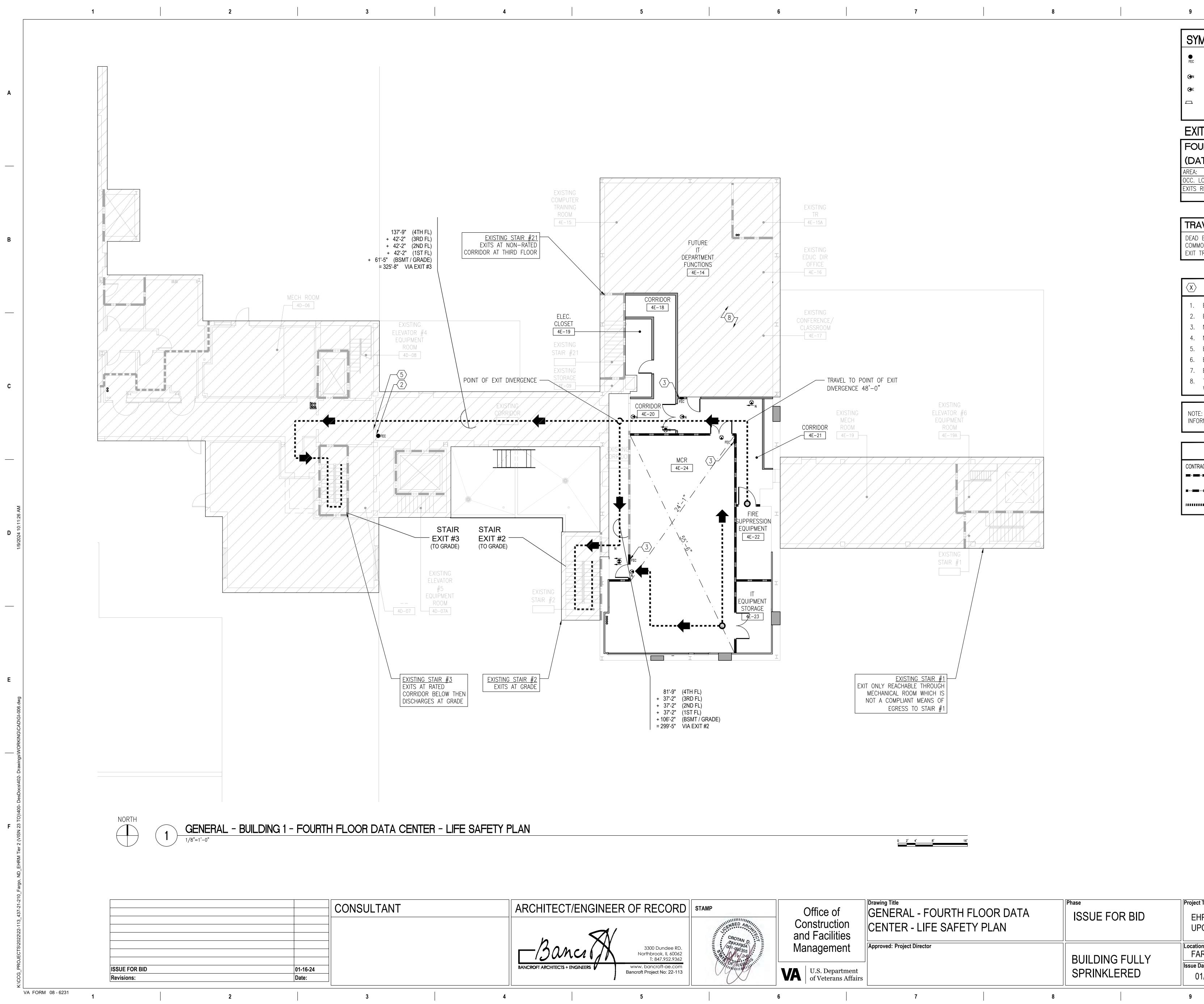
- 3) NFPA I
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- 10) NATIO
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- 26) SAFET

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	APPLICABLE CODES + STANDARDS	R       CENERAL PROJECT INFORMATION         NAME:       EHRM INFRASTRUCTURE UPGRADES – TIER 2         BUILDING NUMBERS:       1-9-46, 40, 3. 10, 11, 12, 13, 30, 39, 40, 51, 52, 56         ADDRESS:       2101 ELM STREET NORTH         FARGO, ND 58102       THE SCOPE OF WORK OF THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:				
	ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS: 1) VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER CUIDANCE ON THE TECHNICAL INFORMATION UPPARY (THE) (INTERVALMENT CONTINUE)					
	GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL) (HTTP://WWW.CFM.VA.GOV/TIL/). 2) NFPA 101 LIFE SAFETY CODE, 2021 (SEE NOTE 'A' BELOW).					
	3) NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900, 2021.	CONSTRUCTION OF A NEW MAIN COMPUTER ROOM (MCR) AND SUPPORT SERVICE SPACES IN THE FORM OF A DATA CENTER LOCATED ON THE FOURTH FLOOD OF DUILDING 1				
	4) VA FIRE PROTECTION DESIGN MANUAL / 8TH EDITION (JUNE 1, 2021).	THE FOURTH FLOOR OF BUILDING 1. • DECOMMISSIONING OF THE EXISTING BASEMENT LEVEL COMPUTER ROOM IN BUILDING 46. RENOVATION OF THE COMPUTER ROOM TO				
	5) INTERNATIONAL FIRE PROTECTION CODE, 2021.	PROVIDE TWO COMMON STORAGE ROOMS.				
	6) INTERNATIONAL BUILDING CODE (IBC), 2021 (SEE NOTE 'A' BELOW).	<ul> <li>UPGRADES TO THE BUILDING 46 BASEMENT LEVEL ROOM BC-60 (ENTRANCE ROOM 'A').</li> </ul>				
	7) OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.	<ul> <li>UPGRADES TO BUILDING 40 ROOM 102B TO SERVE AS ENTRANCE ROOM 'B'.</li> </ul>				
	8) NATIONAL ELECTRICAL CODE (NEC), 2020.	<ul> <li>INSTALLATION OF A NEW GENERATOR IN AN EXISTING GENERATOR ROOM, GENERATOR FUEL TANK, TRANSFORMER, RADIATOR, SWITCHBOARD, AND UPS AT THE BUILDING 1 BASEMENT LEVEL TO SERVE THE NEW DATA CENTER. THE NEW GENERATOR SHALL MEET ALL APPLICABLE</li> </ul>				
	9) NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION (NEMA) 10) NATIONAL FIRE ALARM CODE (NFPA 72)	REQUIREMENTS OF NFPA 110.				
	11) NFPA 110 - STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS.	<ul> <li>INSTALLATION OF INFRASTRUCTURE THROUGHOUT THE CAMPUS FOR A 'B' ROUTE FIBER OPTIC CABLE SYSTEM WITH CONNECTIVITY PROVIDED TO EXISTING TELECOMMUNICATIONS ROOMS.</li> </ul>				
	12) NFPA 75 - STANDARD FOR FIRE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT, 2020.	INSTALLATION OF SITE SECURITY GATES, FENCING AND BLAST MITIGATION BARRIERS TO PROVIDE FOR PSRDM COMPLIANCE AS IT PERTAINS				
	13) INTERNATIONAL PLUMBING CODE (IPC), 2021.	TO BLAST MITIGATION AT NEW CRITICAL INFRASTRUCTURE AS A PART OF THIS SCOPE OF WORK.				
	14) ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN	OWNER:FARGO VA HEALTH CARE SYSTEMADDRESS:2101 ELM STREET NORTH				
	GUIDE (PG-18-13). 15) BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318)	FARGO, ND 58102				
	16) MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL	3300 DUNDEE ROAD				
	BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)	NORTHBROOK, IL 60062				
	17) ENERGY POLICY ACT OF 2005 (EPAct2005)	BUILDING DATA				
	18) INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2021	BUILDING SPRINKLERS: EXISTING TO REMAIN / RECONFIGURE AS AFFECTED BY DEMOLITION / CONSTRUCTION. RENOVATED & AREAS IN SCOPE OF WORK TO RECEIVE NEW SPRINKLERS AS REQ'D.				
	19) INTERNATIONAL MECHANICAL CODE (IMC)	PROJECT USE/OCCUPANCY: STORAGE				
	20) UNDERWRITER'S LABORATORIES (UL) 21) SHEET METAL AND AIR CONDITIONING CONTRACTORS ASSOCIATION (SMACNA)	APPLICABLE CODE         NFPA 101 (2018), NFPA 220 (2018), NFPA 5000 (2018)         IBC (2018)         REQUIRED         PRO				
	22) FACTORY MUTUAL (FM)	SECTION       REQUIREMENT       SECTION       REQUIREMENT         BUILDING CONSTRUCTION TYPE       NFPA 220, Table       TYPE III (200)       EXISTING:       TYPE				
	23) EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAGEMENT.					
	24) THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIREMENTS SECTION 01010 OF THE	ALLOWABLE HEIGHT (S) 75'-0"				
	VA MASTER CONSTRUCTION SPECIFICATION.	ALLOWABLE # OF STORIES (S)       5 STORIES       5 STORIES       5 STORIES         NFPA 5000 (2018),       5 STORIES       5 STORIES       5 STORIES				
	25) VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY – ASHRAE STANDARD 62.1, 2022.					
	26) SAFETY STANDARD FOR REFRIGERATION SYSTEMS – ASHRAE STANDARD 15, 2022.	STORY 19,000 SF. REMAIN				
	NOTE A: DESIGN FEATURES NOT ADDRESSED BY NFPA 101 OR DOCUMENTS REFERENCED THEREIN SHALL COMPLY WITH THE REQUIREMENTS OF IBC AND OTHER CODES & STANDARDS LISTED OR REFERENCED.	S TABLE 7.3.1.2				
	FIRE PROTECTION SYSTEM	PROJECT OCCUPANT LOAD       BUSINESS USE       150 GSF       SEE OC         FACTORS       NFPA GOVERNS       NFPA GOVERNS       NFPA GOVERNS				
	PROJECT AREA SHALL BE SPRINKLERED WITH SYSTEM INCLUDING VA-APPROVED SPRINKLER HEADS. BALANCE OF BUILDING UNDERSTOOD TO REMAIN AS-IS. ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE BUILDING CODES.	STORAGE     Utilizing Estimated Intended Maximum # of Occupants.     CALCU				
	ARCHITECTURAL BARRIERS ACT (ABA)					
	PER ICC/ANSI-A117.1-2009, THE FOLLOWING IN SCOPE ITEMS SHALL COMPLY FULLY:	BUILDING INFORMATION           BUILDING CONSTRUCTION CLASS         TYPE III (200)           NFPA 220, TABLE 4.1.1				
	1. ALL CONTROLS AND OPERABLE PARTS SHALL FULLY COMPLY AND BE BETWEEN 15" AND 48" AFF.	BUILDING OCCUPANCY CLASS       HEALTHCARE       NFPA 101 TABLE 7.3.1.2				
	<ol> <li>ALL CONTROLS AND OPERABLE PARTS SHALL FULLY COMPLY AND BE BETWEEN 15" AND 48" AFF.</li> <li>ALL SIGNAGE SHALL COMPLY, BE OF BRAILLE AND TACTILE STYLE AND LOCATED ON THE DOOR HANDLE SIDE OF DOOR AND INSTALLED AT ABA COMPLIANT HEIGHT AND DISTANCE FROM DOOR FRAME</li> </ol>	BUILDING OCCUPANCY CLASS HEALTHCARE NFPA 101 TABLE 7.3.1.2				
	2. ALL SIGNAGE SHALL COMPLY, BE OF BRAILLE AND TACTILE STYLE AND LOCATED ON THE DOOR HANDLE SIDE OF	BUILDING OCCUPANCY CLASS     HEALTHCARE     NFPA 101 TABLE 7.3.1.2       TOTAL PROJECT SIZE       TOTAL PROJECT AREA (STORAGE ROOMS, SWITCHBOARD AND UPS ROOMS,     6,248 SF				
	2. ALL SIGNAGE SHALL COMPLY, BE OF BRAILLE AND TACTILE STYLE AND LOCATED ON THE DOOR HANDLE SIDE OF	BUILDING OCCUPANCY CLASS       HEALTHCARE       NFPA 101 TABLE 7.3.1.2         TOTAL PROJECT SIZE       TOTAL PROJECT AREA (STORAGE ROOMS, SWITCHBOARD AND UPS ROOMS, G.248 SF       6,248 SF         GENERATOR ROOM & DATA CENTER):       PROJECT INFORMATION - BASEMENT LEVEL STORAGE       PROJECT AREA - OCCUPANCY CLASS:				
	2. ALL SIGNAGE SHALL COMPLY, BE OF BRAILLE AND TACTILE STYLE AND LOCATED ON THE DOOR HANDLE SIDE OF	BUILDING OCCUPANCY CLASS       HEALTHCARE       NFPA 101 TABLE 7.3.1.2         TOTAL PROJECT SIZE       TOTAL PROJECT AREA (STORAGE ROOMS, SWITCHBOARD AND UPS ROOMS, G.248 SF       6,248 SF         GENERATOR ROOM & DATA CENTER):       6,248 SF       SF         PROJECT INFORMATION - BASEMENT LEVEL STORAGE       PROJECT AREA - OCCUPANCY CLASS:       HEALTHCARE (INCIDENTAL STORAGE)         PROJECT AREA - OCCUPANT LOAD:       NOT APPLICABLE       NOT APPLICABLE				
	2. ALL SIGNAGE SHALL COMPLY, BE OF BRAILLE AND TACTILE STYLE AND LOCATED ON THE DOOR HANDLE SIDE OF	BUILDING OCCUPANCY CLASS       HEALTHCARE       NFPA 101 TABLE 7.3.1.2         TOTAL PROJECT SIZE       TOTAL PROJECT AREA (STORAGE ROOMS, SWITCHBOARD AND UPS ROOMS, G.248 SF       6,248 SF         GENERATOR ROOM & DATA CENTER):       PROJECT INFORMATION - BASEMENT LEVEL STORAGE       PROJECT AREA - OCCUPANCY CLASS:				
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	2. ALL SIGNAGE SHALL COMPLY, BE OF BRAILLE AND TACTILE STYLE AND LOCATED ON THE DOOR HANDLE SIDE OF DOOR AND INSTALLED AT ABA COMPLIANT HEIGHT AND DISTANCE FROM DOOR FRAME.	BUILDING OCCUPANCY CLASS     HEALTHCARE     NFPA 101 TABLE 7.3.1.2       TOTAL PROJECT SIZE     TOTAL PROJECT SIZE       TOTAL PROJECT AREA (STORAGE ROOMS, SWITCHBOARD AND UPS ROOMS, GENERATOR ROOM & DATA CENTER):     6.248 SF       PROJECT INFORMATION - BASEMENT LEVEL STORAGE     PROJECT INFORMATION - BASEMENT LEVEL STORAGE       PROJECT INFORMATION - BASEMENT LEVEL STORAGE     PROJECT AREA - OCCUPANCY CLASS:       MECH & STOR AREAS - OCCUPANT LOAD:     NOT APPLICABLE       MECH & STOR AREAS - OCCUPANT LOAD:     3.010 GSF; EST. MAX 4 OCCUPANTS       NFPA 101 TABLE 7.3.1.2     PROJECT INFORMATION - BASEMENT LEVEL MECHANICAL (SWITCHBOARDS, UPS & GENERATOR ROOM)       PROJECT AREA - OCCUPANCY CLASS:     HEALTHCARE (INCIDENTAL MECHANICAL)       PROJECT AREA - OCCUPANT LOAD:     NOT APPLICABLE       MECH & STOR AREAS - OCCUPANT LOAD:     1.023 GSF; EST. MAX 3 OCCUPANTS       NFPA 101 TABLE 7.3.1.2     NFPA 101 TABLE 7.3.1.2       PROJECT INFORMATION - FOURTH FLOOR - DATA CENTER     PROJECT AREA - OCCUPANT LOAD:       NOT APPLICABLE     NOT APPLICABLE       MECH & STOR AREAS - OCCUPANT LOAD:     NOT APPLICABLE       MECH & STOR AREAS - OCCUPANT LOAD:     NOT APPLICABLE       PROJECT AREA - OCCUPANT LOAD:     NOT APPLICABLE       MECH & STOR AREAS - OCCUPANT LOAD:     NOT APPLICABLE       MECH & STOR AREAS - OCCUPANT LOAD:     NOT APPLICABLE       MECH & STOR AREAS - OCCUPANT LOAD:     NOT APPLICABLE				
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		BANCROFT ARCHITECTS + ENGINEERS	www. bancroft-ae.com Bancroft Project No: 22-113	Contraction of the second	VA U.S. De of Vete
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	SYMBOLS LIST
	• WALL MOUNTED FIRE EXTINGUISHER
	⊗N EXISTING EXIT SIGN
	O'− ⊗e NEW EXIT SIGN <b>_</b>
	CABINET (FEC)
	EXIT REQUIREMENTS
	FOURTH FLOOR PROJEC
	(DATA CENTER)
	AREA: 2,153 SF
	OCC. LOAD FACTOR: SEE GI-005 EXITS REQ'D.: 2
	TRAVEL DISTANCE LIMIT
	DEAD END CORRIDORS MAX 50' ALLOW
	COMMON PATH TRAVEL DISTANCE MAX EXIT TRAVEL DISTANCE MAX 300' ALLOV
	☑ ▲ LIFE SAFETY PLAN
	1. EXISTING FIRE EXTINGUISHER IN
	2. EXISTING WALL MOUNTED FIRE EX
	<ol> <li>NEW ABC TYPE FIRE EXTINGUISH</li> <li>NEW WALL BRACKET MOUNT ABC</li> </ol>
	<ol> <li>New Wall BRACKET MOUNT ABC</li> <li>EXISTING 1.5 HR RATED DOOR.</li> </ol>
	<ol> <li>EXISTING 1.5 HIR RATED DOOR.</li> <li>EXISTING 1 HR RATED DOOR.</li> </ol>
	7. EXISTING 3 HR RATED DOOR.
	8. THE EXISTING LIBRARY ROOMS N
	WILL BE VACATED DURING CONST
	NOTE: REFER TO SHEET GI-005 FOR
	INFORMATION.
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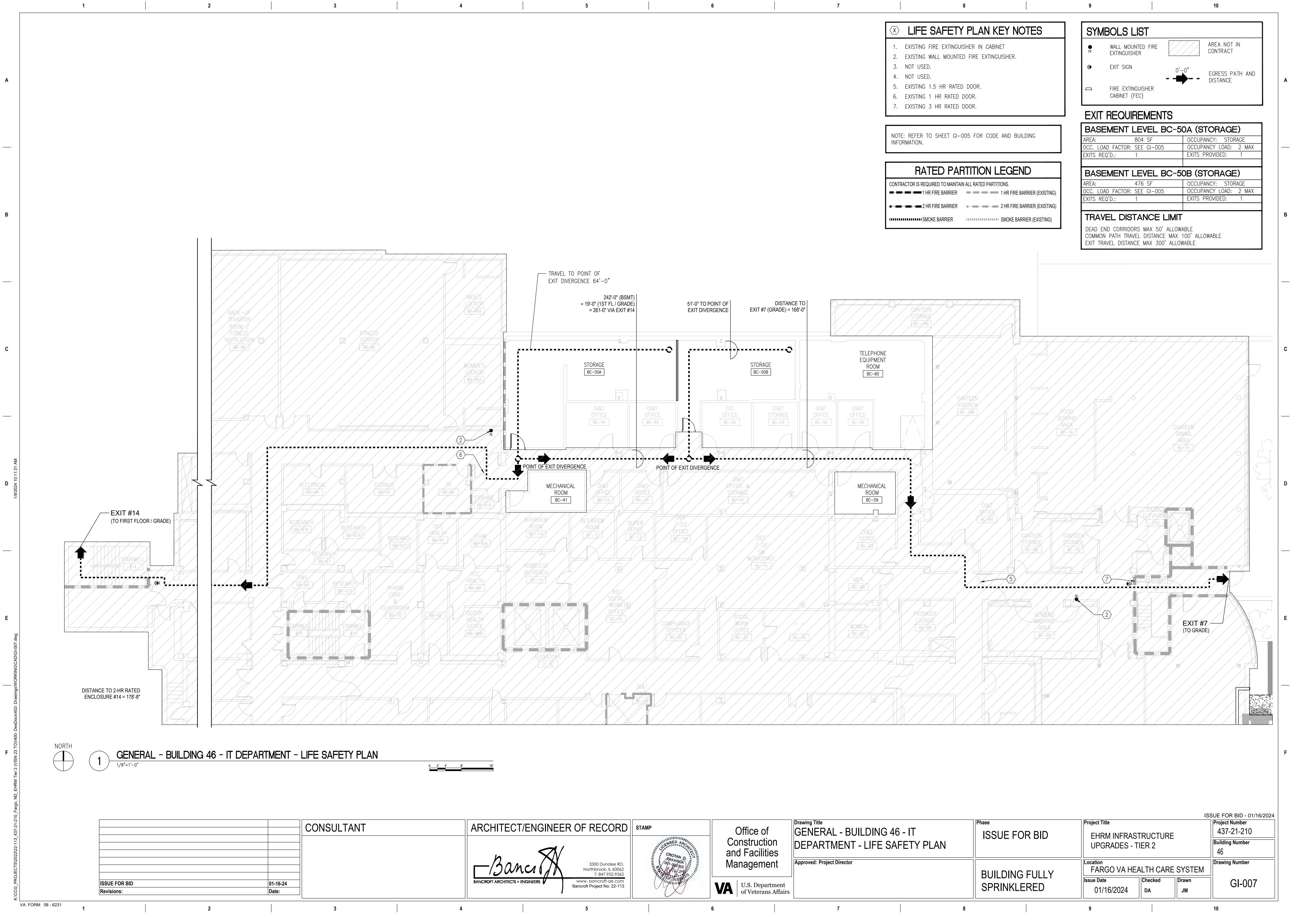
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	Drawing Title GENERAL - FOURTH FLOOR DATA CENTER - LIFE SAFETY PLAN			Phase ISSUE FOR BID		Project Title EHRM INFRASTRUCTURE UPGRADES - TIER 2			
ement	Approved: Project Director			BUILDING FULLY		Location FARGO VA HEALTH CARE SYSTEM			
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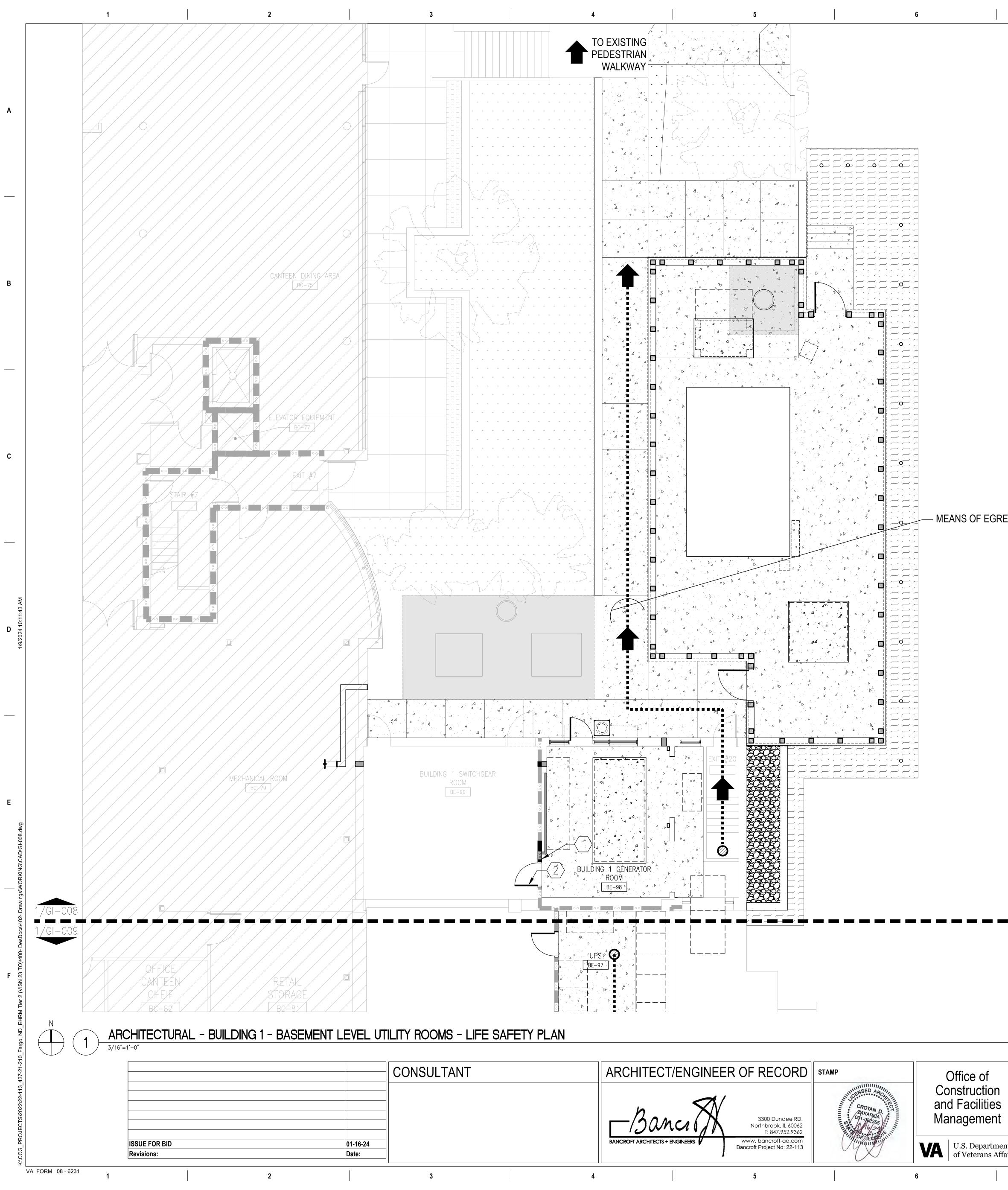
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005 FOR CODE AND BUILDING	
N ALL RATED PARTITIONS. 1 HR FIRE BARRIER (EXISTING) 2 HR FIRE BARRIER (EXISTING)	
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Drawing Number

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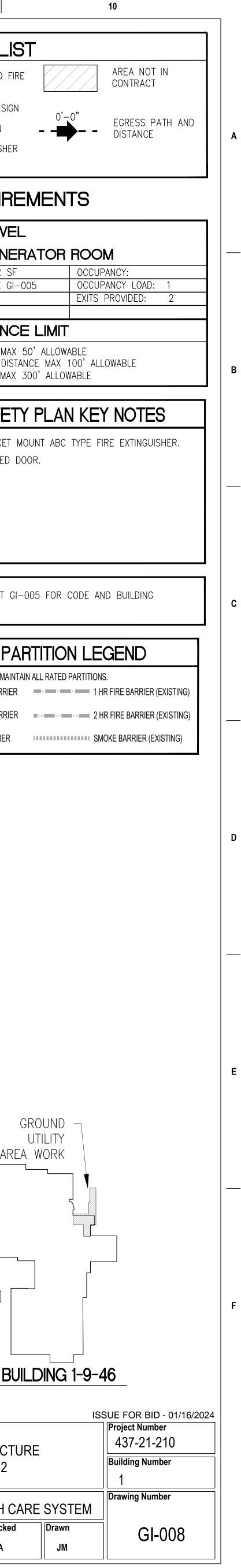


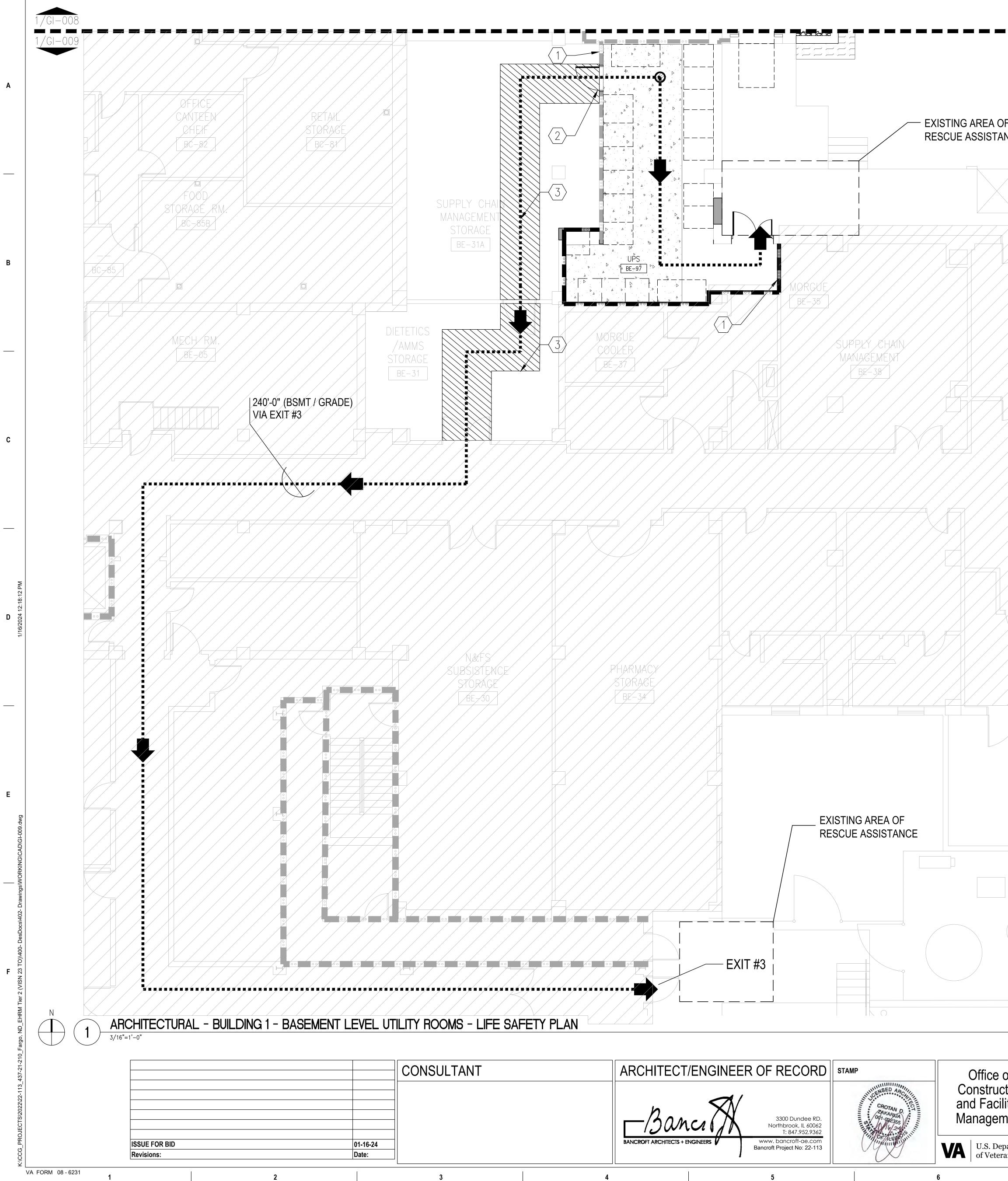
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-Banat 3300 Dundee R Northbrook, IL 600 1: 847 952 93	CROTAN D ZAKARNA 001-092355	Construction and Facilities Management	DEPARTMENT - LIFE SAFETY PL Approved: Project Director			UPGRADES - 1 Location FARGO VA HE	TIER 2
T: 847.952.93         BANCROFT ARCHITECTS + ENGINEERS         www. bancroft-ae.co         Bancroft Project No: 22-1	OF ALL SUNT	<b>VA</b> U.S. Department of Veterans Affairs		SPRINK	G FULLY LERED	Issue Date 01/16/2024	Checke DA
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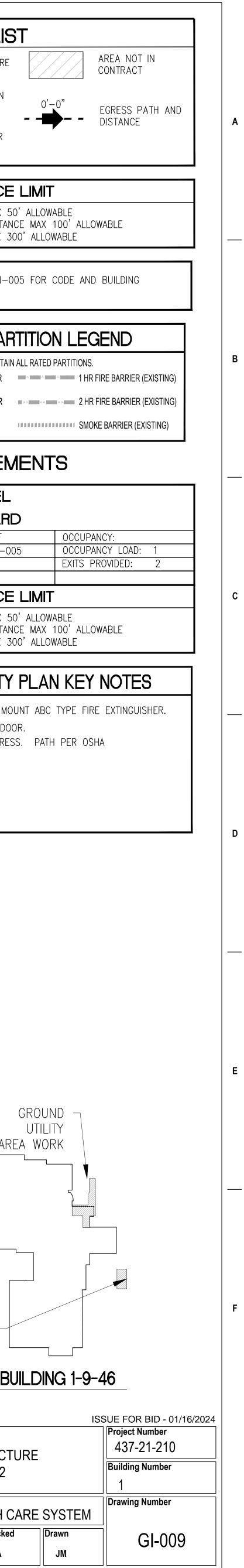
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	BANCROFT ARCHITECTS + ENGINEERS	3300 Dundee RD. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com Bancroft Project No: 22-113	CROTAN D. CROTAN	Constru and Fac Manage
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			SYMBOLS LIS         FE       WALL MOUNTED FIRE EXTINGUISHER         Image: March of the state of the sta
			EXIT REQUIRE BASEMENT LEVEL BUILDING 1 GENER AREA: 432 SF OCC. LOAD FACTOR: SEE GI-0 EXITS REQ'D.: 2
			TRAVEL DISTANCE DEAD END CORRIDORS MAX 5 COMMON PATH TRAVEL DISTAN EXIT TRAVEL DISTANCE MAX 3
			LIFE SAFETY     1. NEW WALL BRACKET MC     2. NEW 1.5 HR RATED DO
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	S ROUTE FROM ECOND FLOOR		<b>RATED PAP</b> CONTRACTOR IS REQUIRED TO MAINTAI 
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		1/GI-008 1/GI-009	
		<u>8' 12'</u>	N KEYPLAN BUIL
of ction ilities	Drawing Title GENERAL - B1- UTILITY ROOMS - SAFETY PLAN Approved: Project Director	LIFE ISSUE FOR BID	Project Title EHRM INFRASTRUCTU UPGRADES - TIER 2
<b>nent</b> epartment rans Affairs		BUILDING FULLY SPRINKLERED	FARGO VA HEALTH CAI Issue Date 01/16/2024 DA





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– EXISTING AREA	● ■ ■		1/GI-008 1/GI-009				SYMBOLS         FE       WALL MOUN EXTINGUISHE         Image: Second stress       EXISTING EX         Image: Second stress       EXISTING EX         Image: Second stress       FIRE EXTING CABINET (FE	TED FIRE ER KIT SIGN FIGN GUISHER
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<ul> <li>HERDEROULT, MERSENSENS, YARDENBERRORD, STOKE, SHULL, ALVESTERADE, STOKE, KONELLER, FERNER, ALVESTER, MERSENS, ALPERTER, BERNERO, MERSENSENS, THE WARDENBERG, MERSENSENSENSENSENSENSENSENSENSENSENSENSENS</li></ul>			3.	REQUIREMENTS. EACH BIDDER CONTRACT, SUCH AS OBSTACLE	IS HIGHLY ENCOURAGED	TO VISIT THE SITE OF THE V	VORK TO BECOME ACQUAINTED	WITH ALL VISIBLE FIELD (	CONDITIONS AFFECTING THE
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C         WITH THE AE.           13. ORTAM, ALL REQUERD WACCR AUTHORIZATIONS SEFORE BEGINNING ANY DEMOLITION WORK OR NEW CONSTRUCTION. INCLUDING TEMPORARY SAVRICADES AND PROTECTION WORK.           14. EACH CONTRACTOR SHALL WINTKINA COMPETENT OSH-38 FOREIMA OR EQUILALY QUALIFIED DRECT REPRESENTATIVE ON THE JOB SITE AT ALL TIMES.           15. EACH CONTRACTOR SHALL WINTKINA COMPETENT OSH-38 FOREIMA OR EQUILALY QUALIFIED DRECT REPRESENTATIVE ON THE JOB SITE AT ALL TIMES.           16. DURING CONTRACTOR SHALL WORK AND COMPETENT OSH-38 FOREIMA OR EQUILATIVE ON THE JOB SITE AT ALL TIMES.           16. DURING CONTRACTOR SHALL COORDINATE WITH THE EXPERIMENCE CONTRACTORS SUPERINTENEED AND VISIALLY ACCESSIBLE WORK THAT DIFFERS FROM THE CONTRACTOR NOT PROVIDED TO THE AE FOR DISTINUCTION AT THE COMPLETION OF THE PROJECT.           17. IT SHALL SET THE RESPONSIBILITY OF EACH CONTRACTOR TO AUCQUATELY PROTECT EXISTING CONTRACTOR NAD PROVIDED TO THE AE FOR DISTINUCTION AND FINANCES WORK. AND DARLE AT REVIEW DOTOTE WIST MALL BE RESTORED AND REFINISHED TO A TIME NEW CONTRACTOR AND PROVIDED TO THE AE FOR DISTINUCTION WORK AND AND ALL REVIEW CONTRACTOR NAD PROVIDED TO THE WIST DOTOTE WIST MARKED AND REFINISHED AND TARTING AND ALL REVIEW CONTRACTOR RESPONSIBLE TO THE WACCRS SUBJECT THE REVIEW CONTRACTOR SUBJECT OF THE PROVED THE PROJECT LIMIT THE DESCRIPTION OF THE MORE MAD UNSIDE AT THE PROVIDE THE PROJECT LIMIT THE PROVIDENT OF ALL CONSTRUCTION WORK HAN AND RESPONSE AND AND AND AND ALL REVIEW CONSTRUCTION WORK HAND AND AND AND AND AND AND AND AND AND									
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<ul> <li>E. EACH CONTRACTOR SHALL COOPERATE AND COORDINATE WITH THE GENERAL PRIME CONTRACTOR'S SUPERINTENDENT AND WITH THE FOREMAN OF ALL OTHER TRADES IN ORDER THAT THERE BE NO DELAYS IN THE EXECUTION AND COMPLETION OF THE WORK.</li> <li>DURING CONSTRUCTION RECH COUTRACTOR SHALL LEEP ON SITE ACCURATE FIELD RECORDS OF ALL CONCELLED AND WISHALLY ACCESSIBLE WORK THAT DIFFERS FROM THE CONTRACTOR AND PROVIDED TO THE AFE FOR DISTINGTUP RECH CONTRACTOR AND PROVIDED TO THE AFE FOR DISTINGTUP RAY DECOMPLETION OF THE PROLECT.</li> <li>T. T. SWALL BE THE RESPONSIBLET OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO RELAM IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REPINDINED TO A "LIKE-NEW" CONDITION PRIOT TO THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK.</li> <li>T. T. SWALL BE THE RESPONSIBLET OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO RELAMIN IN PLACE DURING BOTH THE DEMOLITION WORK AND CONSTRUCTION TO ADD PRIVATE AND THE ADEX AND CONSTRUCTION THAT WORK.</li> <li>T. HE GENERAL, PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPART, REFINSHING AND/OR REPLACEMENT OF ALL CONSTRUCTION ON THE MOVEMENT OF PERSONNEL TOOLS. EQUINMENT, SIGNACE AND PRINTERED DAMAGED BY THE PROLECT DEMOLTION. TEMPORARY CONSTRUCTION, NEW CONSTRUCTION ON THE MOVEMENT OF PERSONNEL TOOLS. EQUINMENT, SIGNACE AND DATIONED FOR ALL DEMOLTION OWRK AND ALL NEW CONSTRUCTION. NEW CONSTRUCTION ON THE MUCH AND REPORTS DURING CONTRACTOR WITH PROLECT LINK LINK. CONTRACTOR WITH RECORD DEVICE THE PROLECT SIGNALE DARGE ON FORM.</li> <li>PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLTION WORK MAD ALL NEW CONSTRUCTION NORK BEING REINFORMES STELLES. EQUINMENT, SIGNALE AND ADDIDONES MULTING OR PREPARATIONS OF ANY DEMONSTRUCTION OF THE PROLECT SIGNALE DARGE ON FORM.</li> <li>PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLTION WORK AND ALL NEW CONSTRUCTION NORK BEING REPORDED AND THE PROLECT SIGNALE AR</li></ul>			13.		AUTHORIZATIONS BEFORE	BEGINNING ANY DEMOLITI	ON WORK OR NEW CONSTRUCTI	ION, INCLUDING TEMPORA	ARY BARRICADES AND PROTECTION
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E     E     Control ADD CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE     VACORS ACCEPTANCE OF THAT WORK.     10     THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE FOR THE PACIENT EPAIL REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES,     EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE PEOLECT DEMOLITION, TEMPORARY CONSTRUCTION NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS,     EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.     19. PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS     REQURED TO PROFENY COMPLETE THE PROJECT SCHOOL OWNER.     20. ALL CUTTING, CORING AND DILLING OF EXISTING CONCRETE AND MASOINRY CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS     REQURED TO PROFENY COMPLETE THE PROJECT SCHOOL OWNER.     20. ALL CUTTING, CORING AND DILLING OF EXISTING CONCRETE AND MASOINRY CONSTRUCTION WORK MEENING ENFORCING STELL, IPPING, CONDUITS OR OTHEL     ONCEALED CONTRUCTION WITHIN ALL DUTTING, CORING, AND DRILLING AULL BE PERFORMED USING WET SAWS. GENERAL CONTRACTOR MUST PROVIDE WATER     MITIGATION EFFORTS ON BOTH SIDES OF THE CUT. PROR TO COMING, ORILLING, CUTTING OR PERFORMED USING WET SAWS. GENERAL CONTRACTOR MUST PROVIDE WATER     MITIGATION EFFORTS ON BOTH SIDES OF THE CUT. PROR TO COMING, ORILLING, CUTTING OR PERFORMED USING WET SAWS. GENERAL CONTRACTOR MUST PROVIDE WATER     MITIGATIONS OF ANY INFRASTRUCTURE DISTRIBUTION SYSTEMS OR EQUIPMENT, WHICH MAY ALTER THE ARCHTECTURAL OR STRUCTURAL CONSTRUCTION, MUST BE     APPROVED FIRST BY THE VAICOR PRIOR TO STARTING ITS RELOCATION.     20. RELOCATIONS OF ANY INFRASTRUCTURE DISTRIBUTION SYSTEMS OR EQUIPMENT, WHICH MAY ALTER THE ARCHTECTURAL OR STRUCTION, MUST BE     APPROVED FIRST BY APPROVED UL IRRESTOPPING WORK     21. RELOCATIONS OF ANY INFRASTRUCTURE RATING SERE FIRE STOPPING			16.	CONTRACT DRAWINGS/DOCUME	ENTS. THESE AS-BUILT MA	RKED-UP RECORD DRAWIN			
<ul> <li>REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.</li> <li>ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL, PIPING, CONDUITS OR OTHEI CONCEALED CONSTRUCTION WITHIN. ALL CUTTING, CORING AND DRILLING SHALL BE PERFORMED USING WET SAWS. GENERAL CONTRACTOR MUST FROVIDE WATER MITIGATION EFFORTS ON BOTH DISOS OF THE CUT. PRIOR TO CORING, DRILLING, CUTING OR PERFORMING AND BRENKING FERDETS, PROVIDE PENETRATING PELID XRAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VAICOR APPROVAL BEFORE PROCEED WITH ANY SUCH REQUIRED PENETRATIONS WORK.</li> <li>RELOCATIONS OF ANY INFRASTRUCTURE DISTRIBUTION SYSTEMS OR EQUIPMENT, WHICH MAY ALTER THE ARCHITECTURAL OR STRUCTURAL CONSTRUCTION, MUST BE APPROVED FRST BY THE VAICOR PRIOR TO STARTING ITS RELOCATION.</li> <li>THE GENERAL/PRIME CONTRACTOR IS DESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OT PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OT PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OT PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OT PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED ON PROVIDE THE REMOVANO NTHE DRAWINGS AND AS DISCOVERED IN THE FIELD. ALL PENETRATIONS ARE TO BE SEALED BY AN APPROVED UL FIRESTOPPING SYSTEM. SEAL ALL EXISTING PENETRATIONS FOR THE DRAWINGS AND AS DISCOVERED IN THE FIELD. ALL PENETRATIONS ARE TO BE SEALED BY AN APPROVED UL RESTOPPING SYSTEM. SEAL ALL LE</li></ul>		12 AM		DEMOLITION AND CONSTRUCTION VA/COR'S ACCEPTANCE OF THA	on sequences of work. T work.	ANY DAMAGE TO SUCH AF	EAS SHALL BE RESTORED AND I	REFINISHED TO A "LIKE-NI	EW" CONDITION PRIOR TO THE
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## OCCUPIED AREA PROTECTION PROTOCOLS

4

VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VA/COR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING CONSTRUCTION WORK (DEMOLITION OR NEW) IN OCCUPIED SPACES, THE FOLLOWING PROTECTION PROTOCOLS WILL BE FOLLOWED ON A DAILY BASIS UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS:

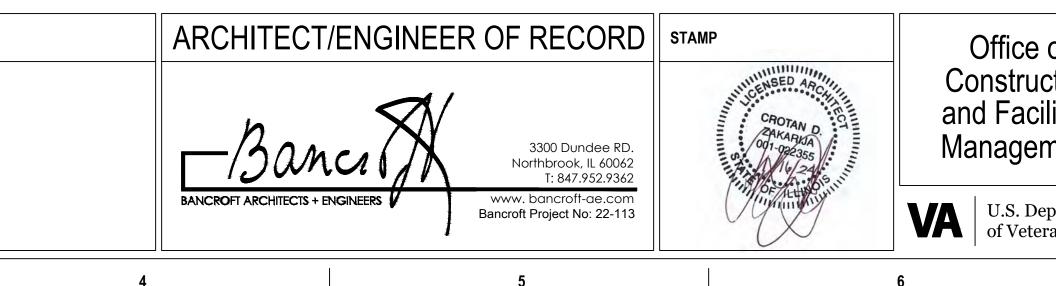
- CAREFULLY MOVE/RELOCATE ANY SIGNAGE, WALL HUNG ITEMS, BLINDS, CURTAINS, ETC. THAT ARE WITHIN THE AREA/ZONE WHERE THE WORK IS TO BE ACCOMPLISHED AND IN DANGER OF BEING DAMAGED BY THE PERFORMANCE OF THE WORK, INCLUDING DAMAGE THAT CAN BE CAUSED BY FALLING OBJECTS, DUST OR MOISTURE. NOTE: THIS ALSO APPLIES TO THE DIRECT ACCESS ROUTE(S) THRU THE OCCUPIED AREA(S) TO AND FROM THE ACTUAL WORK AREA/ZONE. NOTE: THE VA/COR WILL BE RESPONSIBLE TO MOVE/RELOCATE ANY FURNITURE, EQUIPMENT, BOXES, FILES, USER BELONGINGS, ETC. THAT WOULD BE IN THE AREA OF WORK AND OBSTRUCT/INTERFERE WITH THE PERFORMANCE OF THE CONTRACTOR'S WORK. COORDINATE ALL REQUIRED VA RELOCATIONS WITH VA/COR.
- 2. CAREFULLY PROVIDE FULL PROTECTIVE DUST, MOISTURE AND DAMAGE PREVENTION BARRIERS/COVERS FOR ALL SUCH ITEMS ADDRESSED ABOVE INCLUDING THE ADDITIONAL PROTECTION OF ALL WALL SURFACES/FINISHES, WINDOWS/GLAZING, DOORS, FRAMES, HARDWARE, CARPETING, FLOOR COVERINGS, WALL BASE, ELECTRICAL DEVICES, WALL/CEILING MOUNTED EQUIPMENT & CONTROLS, CEILING CONSTRUCTION, TILE, GRID, WALL ANGLES, LIGHT
- FIXTURES, DIFFUSERS, GRILLES, LIFE SAFETY DEVICES, FIRE SPRINKLER HEADS, ETC. 3. FLOOR FINISHES SHALL BE PROTECTED THROUGHOUT THE AREA WITH A 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING AND/OR TEMPORARY TARPAULIN(S)/DROP CLOTH(S) AS A MINIMUM FOR DUST, MOISTURE AND VERY LIGHT FOOT TRAFFIC PROTECTION.
- 4. ALL MAIN TRAFFIC AREAS TO AND INSIDE THE WORK ZONE/AREAS SHALL HAVE ADDITIONAL PROTECTION PROVIDED OVER THE 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN THE FORM OF FULL SHEETS OF 3/16" TEMPERED HARDBOARD (MASONITE) 4'X8' PANELS. ALL MASONITE PANELS SHALL BE FIRMLY HELD TOGETHER AND SECURED IN PLACE VIA THE USE OF AN INDUSTRY APPROVED 2" HEAVY DUTY CONSTRUCTION ADHESIVE TAPE, INTENDED FOR THIS APPLICATION. NOTE: ALL BOARD TO BOARD JOINTS WILL BE FULLY TAPED THE LENGTH OF THE JOINT AND ALL BOARD TO VISQUEEN JOINTS WILL BE TAPED AT 4' ON CENTER WITH A MINIMUM 8" LENGTH OF TAPE. PAINTERS TAPE AND/OR MASKING TAPE ARE NOT CONSIDERED EQUIVALENTS TO THE HEAVY DUTY CONSTRUCTION ADHESIVE TAPE BEING SPECIFIED.
- 5. CONSTRUCT A TEMPORARY FULL HEIGHT, FULLY SEALED, CONTAINMENT ENCLOSURE AROUND ALL CONSTRUCTION AREAS/ZONES IN ORDER TO CONTAIN AS MUCH DUST AND DEBRIS AS POSSIBLE DURING THE PERFORMANCE OF ANY DEMOLITION, CONSTRUCTION AND CLEAN-UP
- 6. FARGO VAHCS REQUIRES THE USE OF A DUST CONTAINMENT AND INFECTION CONTROL PANEL SYSTEM. THE SYSTEM BASIS OF DESIGN IS "EDGE GUARD" OR VAHCS APPROVED EQUAL.
- 7. WHEN ALL WORK IS COMPLETED FOR THE PREARRANGED SPECIFIC LOCATION(S), SCHEDULED TASKING AND IDENTIFIED PERIOD OF TIME THE ENTIRE AREA IS TO BE FULLY CLEANED-UP, ALL TEMPORARY CONTAINMENT ENCLOSURES AND PROTECTION REMOVED WITH ALL ITEMS IDENTIFIED IN NOTE #1 RETURNED TO THEIR PRIOR FUNCTIONING POSITIONS. NOTE: FULLY CLEANED-UP MEANS COMMERCIALLY VACUUM CLEANED WITH ALL SURFACES BEING FULLY WIPED DOWN AND DUST FREE AS THE CONTRACTOR ACCEPTED THE AREA/SPACE PRIOR TO PERFORMING THE WORK.
- 8. ALL SPACES WILL BE RETURNED TO THE USER, BY THE CONTRACTOR, AS A COMMERCIALLY CLEAN ENVIRONMENT WITH ALL OPEN CONSTRUCTION SURFACES SEALED WITH TEMPORARY CONSTRUCTION MATERIALS INCLUDING THE USE OF 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN ORDER TO AVOID DUST PARTICLES FROM THE CONSTRUCTION AREA MIGRATING INTO THE OCCUPIED USER'S AREA/SPACE/ROOM(S).
- 9. UNLESS DIRECTLY SPECIFIED AND CONFIRMED BY THE VA/COR OTHERWISE, ALL TEMPORARY PROTECTION AND ENCLOSURES ARE TO BE SET-UP AND KNOCKED-DOWN ON A DAILY BASIS SUCH THAT THE USERS OF THE OCCUPIED AREAS ARE NOT TO BE INCONVENIENCED AND PREVENTED FROM FUNCTIONING WITHIN THEIR SPACE/AREA/ROOM(S) DURING THEIR NORMAL BUSINESS HOURS OF OPERATION. (M-F 08:00 - 16:30)
- 10. THE BASIS OF DESIGN FOR ALL 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING WILL BE IN FULL COMPLIANCE WITH NFPA 701-04, ASTM E84 AND CPAI 84 SECTION 6. IT SHALL BE MANUFACTURED WITH 3 PLY CONSTRUCTION CONSISTING OF FIRE RETARDANT VIRGIN POLYETHYLENE IN THE (2) OUTER LAYERS OF PLASTIC WITH A DIAMOND SCRIM REINFORCING MESH PLACED BETWEEN.
- 11. MOBILE CONTAINMENT SYSTEMS MAY BE UTILIZED WHERE APPLICABLE, IF APPROVED FOR USE BY THE VA/COR. MOBILE UNITS SHALL BE FULLY EQUIPPED WITH A NEGATIVE AIR HEPA FILTRATION SYSTEM THAT IS IN COMPLIANCE WITH THE INFECTION CONTROL REQUIREMENTS OF EACH SPECIFIC AREA OF WORK AND TASK BEING PERFORMED.

5

- 1. TO ORGANIZE AND IDENTIFY THE "EQUIVALENCY SUBSTITUTION PROCESS" IN ORDER TO FORMALIZE THE PROCESS, CLARIFY RESPONSIBILITIES, PROACTIVELY MANAGE THE PROCESS AND MINIMIZE COSTLY DELAYS IN THE EXECUTION OF THE WORK.
- 2. THERE ARE NO INTENDED RESTRICTIONS LIMITING COMPETITION ON THE EQUIVALENT SUBSTITUTION OF MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, RELATED DESIGN ELEMENTS AND PERFORMANCE CHARACTERISTICS, UNLESS AS IDENTIFIED IN THE BID SOLICITATION.
- SUMMARY DESCRIPTION: 1. THE BASIS OF DESIGN (BOD) INCORPORATES THE DESIGN INTENT AND PERFORMANCE BASED CHARACTERISTICS FOR ALL MATERIALS, SYSTEMS AND WORKMANSHIP THAT IS INCLUDED IN THE CONSTRUCTION DOCUMENTS AND REFERENCED BY SAME.
- 2. THE BOD COMPLIANCE PROTOCOLS ARE TO BE FOLLOWED FOR ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES OR ADJUSTMENTS FROM THE CONSTRUCTION DOCUMENT DRAWINGS, DETAILING, AND SPECIFICATIONS PROVIDED THE SUBSTITUTIONS, DEPARTURES, OR ADJUSTMENTS MEET THE DESIGN INTENT, SCOPE OF WORK (SOW) CRITERIA REQUIREMENTS, AND PERFORMANCE BASED CHARACTERISTICS.
- 3. NO SUCH EQUIVALENT SUBSTITUTION, DEPARTURES OR ADJUSTMENTS WILL BE ALLOWED WITHOUT FIRST GOING THROUGH THE BOD COMPLIANCE PROTOCOLS PROCESS AND OBTAINING THE GOVERNMENT'S APPROVAL FROM THE CONTRACTING OFFICER (CO).

## BOD COMPLIANCE PROTOCOLS:

- 1. THE BOD COMPLIANCE PROTOCOLS APPLY TO ALL MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, ENGINEERING SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, IMPACTED ELEMENTS OF WORK PLUS ALL RELATED DESIGN CRITERIA ELEMENTS AND SPECIFIED PARAMETERS THAT ARE CONTAINED WITHIN THE BID/ISSUED FOR CONSTRUCTION DRAWINGS AND SPECIFICATIONS DOCUMENTATION, OR AS SPECIFICALLY REFERENCED BY SAME.
- SPECIFIC DESIGN INTENT AND PERFORMANCE CHARACTERISTICS REQUIRING BOD COMPLIANCE ANALYSIS WILL VARY WITH EACH SPECIFIC ITEM BEING PROPOSED AS AN EQUIVALENT SUBSTITUTION AND WILL NEED TO BE FULLY COMPARED AND ANALYZED TO ESTABLISH BOD EQUIVALENCY COMPLIANCE.
- 3. CRITICAL DESIGN CHARACTERISTICS AND ELEMENTS ARE SPECIFIC TO EACH ITEM NEEDING CONSIDERATION AND COULD CONSIST OF, BUT NOT LIMITED TO, CRITERIA SUCH AS DIMENSIONAL LOGISTICS, PERFORMANCE CHARACTERISTICS, CAPACITY, DUTY REQUIREMENTS, OPERATIONAL EFFICIENCIES, ACOUSTICAL REQUIREMENTS, UTILITIES IMPACTS, CONNECTION ADJUSTMENTS, DETAILING DEPARTURES, FRAMING ALTERATIONS, ROUGH IN REQUIREMENTS, WEIGHT INCREASES AND/OR DISTRIBUTIONS, STRUCTURAL IMPACTS, ATTACHMENTS, SUPPORTS, FINISHES, AVAILABILITY, COMPATIBILITY, CONSTRUCTABILITY, WARRANTIES, SERVICE LIFE, MAINTENANCE REQUIREMENTS, ENVIRONMENTAL CONSIDERATIONS, LEED RELATED DESIGN CONSIDERATIONS, ETC.
- A VERY CRITICALLY IMPORTANT DESIGN CHARACTERISTIC OF ALL BOD ITEMS NEEDING TO BE FULLY EVALUATED AND PROPERLY COORDINATED WOULD BE THE DESIGN AND LAYOUT OF DIMENSIONAL LOGISTICS REQUIREMENTS. THOSE CRITICAL PARAMETERS COULD CONSIST OF, BUT NOT LIMITED TO, ALL DIMENSIONAL ELEMENTS THAT AFFECT SIZE, HEIGHT, WIDTH, DEPTH, THICKNESS, PLACEMENT, SPACING, CLEARANCES, ACCESS, MOUNTING, CONNECTIONS AND LOCATION REQUIREMENTS, INSTALLATION TOLERANCES, OPERABLE ELEMENT CLEARANCES, ETC., ALL OF WHICH COULD IMPACT OTHER AREAS OF CONSTRUCTION OR COMPONENTS OF WORK REQUIRING ADJUSTMENTS IN ORDER TO COMPLY WITH THE DESIGN INTENT.
- CONTRACTORS WILL BE RESPONSIBLE TO FULLY IDENTIFY ALL PROPOSED EQUIVALENT SUBSTITUTIONS. DEPARTURES. IMPACTS. ALTERATIONS AND ADJUSTMENTS FROM THE "BASIS OF DESIGN" INTENT TO THE GENERAL/PRIME CONTRACTOR DURING THE BIDDING PROCESS AND OBTAIN THEIR APPROVAL BEFORE COMPLETING THEIR PRICING AND SUBMITTING A BID TO SAME.
- 6. IF A PROPOSED EQUIVALENT SUBSTITUTION ITEM WILL REQUIRE THAT ALTERATIONS AND/OR ADJUSTMENTS NEED TO BE MADE. TO THE WORK OF THE PROVIDING CONTRACTOR, THE WORK OF OTHER CONTRACTORS OR THE WORK OF THE VA, THE SUBMITTING CONTRACTOR SHALL BE FULLY RESPONSIBLE TO INFORM AND ADVISE THE GENERAL/PRIME CONTRACTOR OF ANY AND ALL SUCH NECESSARY IMPACTS REQUIRED AS A PART OF THEIR BIDDING AND FUTURE CONTRACTUAL SCOPE OF WORK RESPONSIBILITIES.
- 7. THE CONTRACTOR PROPOSING THE EQUIVALENT SUBSTITUTION SHALL BE RESPONSIBLE FOR ALL RELATED WORK AND SHALL IDENTIFY, VERIFY, COORDINATE AND PROVIDE ENGINEERED SOLUTIONS FOR ALL IMPACT ISSUES AFFECTING INFRASTRUCTURE SYSTEMS, UTILITIES SERVICES. BUILDING STRUCTURE, SURROUNDING ELEMENTS, AND SYSTEMS AFFECTED FROM WEIGHT DIFFERENTIALS. REVISED LOADING CHARACTERISTICS, CONNECTION AND MOUNTING VARIANCES, INSTALLATION CONFLICTS AND DETAILING ALTERATIONS OR ADJUSTMENTS, ETC. CAUSED BY THE EQUIVALENT SUBSTITUTION REQUIREMENTS.
- 8. SPECIAL ATTENTION NEEDS TO BE PAID TO ANY SYSTEMS EQUIPMENT AND MATERIAL PERFORMANCE CHARACTERISTICS INCLUDING ALL ASPECTS OF THEIR DIMENSIONAL LOGISTICS FEATURES AND REQUIREMENTS ALONG WITH ANY STRUCTURAL AND UTILITIES IMPACTS.
- 9. EACH EQUIVALENT SUBSTITUTION REQUEST ALONG WITH ANY AND ALL IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO OTHER ELEMENTS OF WORK WILL ALSO REQUIRE VA/CO APPROVAL(S) BEFORE ANY SUCH REQUEST IS DEEMED APPROPRIATE BY THE GOVERNMENT AND ALLOWED TO PROCEED INTO THE NORMAL SHOP DRAWING PREPARATION, SUBMITTAL AND REVIEW PROCESS.
- 10. NO REQUEST FOR AN EQUIVALENT SUBSTITUTION REVIEW IS ALLOWED TO BE MADE VIA A SHOP DRAWING SUBMISSION. ANY SUCH SUBMISSION WILL NOT BE REVIEWED AND WILL BE REJECTED AS NON-CONFORMING WITH THE DESIGN INTENT AND NOTED THAT THE CONTRACTOR IS TO FOLLOW THE STANDARD BOD COMPLIANCE PROTOCOLS.
- 11. ANY UNDOCUMENTED OR UNFORESEEN IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK AS A RESULT OF AN EQUIVALENCY SUBSTITUTION THAT SURFACE DURING THE CONSTRUCTION PHASE SHALL IMMEDIATELY BE MADE KNOWN TO THE GENERAL/PRIME CONTRACTOR WHO WILL IN TURN NOTIFY THE VA/COR. ALL SUCH UNDOCUMENTED OR UNFORESEEN CONDITIONS WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.
- 12. ANY NON-COMPLIANT EQUIVALENT SUBSTITUTIONS WORK FOUND TO BE IN PLACE DURING THE CONSTRUCTION PHASE THAT HAD NOT GONE THROUGH THE BOD COMPLIANCE PROTOCOLS APPROVAL PROCESS AND THAT DOESN'T HAVE THE VA/CO'S APPROVAL WILL BE SUBJECT TO POSSIBLE REJECTION AND REMOVAL AS DETERMINED BY THE GOVERNMENT.
- 13. THE FINAL INSTALLATION OF ANY EQUIVALENT SUBSTITUTION AND ITS IMPACTS SHALL NOT COMPROMISE ANY OF THE BOD PERFORMANCE CHARACTERISTICS NOR SHALL IT ENCUMBER ANY OF THE ASSOCIATED DESIGN INTENT LAYOUT AND DIMENSIONAL LOGISTICS REQUIREMENTS.
- 14. ALL EQUIVALENT SUBSTITUTION INSTALLATIONS AND THEIR IMPACTS TO OTHER SOW ELEMENTS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND VA REQUIREMENTS, PLUS ALLOW ANY SYSTEMS, EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFELY.



## BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS

## BOD EQUIVALENT SUBSTITUTIONS PROCESS SEQU

STEP 1: BIDDING PHASE

. ALL BOD PROPOSED EQUIVALENT SUBSTITUTIONS AND THEIR ASSOCIATED IMPACTS ON OTHER SOW ELEMENTS SHALL BE FULLY IDENTIFIED AND CO CONTRACTOR(S) SUCH THAT THE COST OF ALL ASSOCIATED SCOPE OF WORK IMPACTS DIRECTLY AFFECTING OTHER TRADES SHALL BE INCLUDED II

STEP 2: CONTRACTORS IDENTIFY PROPOSED EQUIVALENT SUBSTITUTION(S) 1. ALL CONTRACTORS, BEFORE SUBMITTING THEIR REQUEST FOR EQUIVALENT SUBSTITUTION CONSIDERATION SHALL BE RESPONSIBLE TO HAVE FULL DESIGN CHARACTERISTICS OF THE ITEMS THEY WILL BE SUBMITTING FOR BOD COMPLIANCE REVIEW MEETS OR EXCEEDS THE DESIGN INTENT AND F DETAILED AND SPECIFIED.

STEP 3: CONTRACTORS PREPARE DETAILED COMPARISONS THE REQUESTING CONTRACTOR SHALL PREPARE AND PROVIDE TO THE GENERAL/PRIME CONTRACTOR A FULL LINE ITEM, SIDE-BY-SIDE COMPARISO MANUFACTURED CHARACTERISTICS VERSUS THE SAME FOR THE EQUIVALENT SUBSTITUTION BEING PROPOSED.

- 2. ALL EQUIPMENT, MATERIALS OR ASSEMBLY EQUIVALENT SUBSTITUTIONS SHALL BE PROVIDED ON A CONTRACTOR PREPARED ITEMIZED LISTING PER DETAILED COMPARATIVE DESCRIPTION OF ALL SPECIFICATIONS, PERFORMANCE CHARACTERISTICS, CAPACITIES, WEIGHT, DIMENSIONAL LOGISTICS OR ADJUSTMENTS FROM THE ORIGINAL BOD.
- CONTRACTOR SHALL UTILIZE THE ORIGINAL MANUFACTURER'S PUBLISHED SPECIFICATIONS AND PRODUCT DATA SHEETS ALONG WITH ANY ADDITIO REQUIRED AND SPECIFIED IN THE CONSTRUCTION DOCUMENTS AS THE BASIS FOR THE DEVELOPMENT OF THE LINE BY LINE COMPARISON CRITERIA
- STEP 4: CONTRACTORS IDENTIFY RELATED IMPACTS THE REQUESTING CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY AND DOCUMENT ALL PROPOSED EQUIVALENT SUBSTITUTION CAUSED I ADJUSTMENTS REQUIRED FROM THE ORIGINAL BOD REQUIREMENTS WITH THE GENERAL/PRIME CONTRACTOR AS WELL AS ALL AFFECTED CONTRAC

2. SEE THE DETAILED PROTOCOL REQUIREMENTS FOR THE EXTENT OF RESPONSIBILITIES AND DOCUMENTATION REQUIRED FOR THIS CRITICAL ITEM.

STEP 5: CONTRACTOR'S DOCUMENTATION TO GENERAL/PRIME CONTRACTOR 1. CONTRACTORS SHALL COORDINATE WITH THE GENERAL/PRIME CONTRACTOR AS TO THE SPECIFIC DATE THAT EACH IS REQUIRED FOR THE COMPLE SUBMISSION REQUEST DOCUMENTATION AND DELIVERY OF THE COMPLETED PACKAGE(S) TO THEM.

- 2. CONTRACTORS SHALL FULLY COORDINATE THEIR PREPARATION OF ALL REQUIRED DOCUMENTATION AND EQUIVALENCY SUBSTITUTION REQUIREME ORDER TO ADDRESS ANY AND ALL IMPACTS ON THE PROJECT SCHEDULE AS WELL AS PERFORMING THEIR REQUIRED FORMALIZED REQUEST FOR EC
- 3. ALL EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH THEIR REQUIRED SUBMISSION REQUEST DOCUMENTATION SHALL BE DELIVERED TO THE GI TIME FOR THE GC'S FIRST SUBMISSION OF THE PROPOSED PROJECT CONSTRUCTION SCHEDULE BEING SUBMITTED TO THE GOVERNMENT FOR REVI
- STEP 6: GENERAL/PRIME CONTRACTOR RESPONSIBLE FOR COORDINATION 1. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY, DOCUMENT, MAKE SUBMISSIONS, TRACK, COORDINATE, OBTAIN CO THE COST OF ALL SUCH EQUIVALENT SUBSTITUTION, WORK IN THEIR COST OF CONSTRUCTION AS WELL AS ALLOWED FOR WITHIN THEIR PROJECT S
- THE GENERAL/PRIME CONTRACTOR HAVING BEEN MADE FULLY AWARE OF POTENTIAL EQUIVALENCY SUBSTITUTIONS AND IMPACTS DURING THE BID BOD PROCESS IN THEIR DETAILED PROJECT SCHEDULE ALLOWING A SEPARATE TASK ITEM TIMELINE FOR EACH WITH CRITICAL DATES AND PERFORM
- 3. THE GENERAL/PRIME CONTRACTOR SHORTLY AFTER CONTRACT AWARD AND EXECUTION SHALL NOTIFY AND COORDINATE WITH THE VA/COR. ALL SU ALONG WITH ALL POSSIBLE IMPACTS FROM THE SPECIFIC BOD REQUIREMENTS PROVIDED IN THE DRAWINGS AND SPECIFICATIONS.
- ALL SUCH IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK WILL BE FULLY IDENTIFIED, DOCUMENTED A EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.
- 5. THE GENERAL/PRIME CONTRACTOR WILL ALSO BE RESPONSIBLE TO FULLY IDENTIFY AND COORDINATE ALL EQUIVALENCY SUBSTITUTION IMPACTS V SURE THAT ALL SUCH WORK IS INCLUDED IN THEIR SCOPE OF WORK.
- STEP 7: TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS AND IMPACTS 1. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL PREPARE A COMPLETE MASTER LISTING, BY SPECIFICATION AND/OR DRAWING SECTIONS. REQUESTS.
- 2. THIS MASTER LISTING WILL CONSIST OF A SUMMARY DESCRIPTION OF EACH REQUEST ALONG WITH A BULLET POINT LISTING OF THE MAJOR IMPACTS REQUIRED RESULTING FROM IT.
- THIS DOCUMENT WILL BE PREPARED AS A SPREAD SHEET AND UTILIZED AS A TRACKING TOOL FOR DOCUMENTING ALL SIGNIFICANT ASSOCIATED DA RESUBMISSIONS, APPROVALS AND ADDITIONAL PERTINENT ISSUES AND ITEMS TO BE RECORDED AND TRACKED AS REQUIRED BY THE VA/COR.
- STEP 8: TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS AND IMPACTS 1. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL SUBMIT TO THE VA/COR FOR PRELIMINARY REVIEW A MASTER SUMMARY LISTING OF ALL EC IMPACTS IDENTIFIED A MINIMUM OF TWO WEEKS PRIOR TO THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE
- A SEPARATE FULLY DETAILED SUBMISSION DOCUMENTATION PACKAGE SHALL BE PREPARED FOR EACH SUBSTITUTION REQUEST AND WILL CONSIST ADDITIONAL PERTINENT INFORMATION DEEMED NECESSARY SUCH AS SKETCHES. DETAILED DRAWINGS, ENGINEERING DESIGN AND CALCULATIONS. SUBMISSION DOCUMENTATION PACKAGE SHALL BE SUBMITTED WITH THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE TO THE VA/
- STEP 9: VA REVIEW AND ACTION NOTIFICATION 1. THE VA/COR SHALL REVIEW EACH SUBSTITUTION REQUEST PACKAGE AND TAKE SUCH ACTION AS DEEMED NECESSARY ON EACH. SUCH ACTION CO ON PROVIDING MORE DETAILED INFORMATION AND/OR CLARIFICATION(S) ON EACH SUBMISSION AND/OR EACH IMPACT.
- 2. AS PART OF THE VA'S REVIEW PROCESS THE A/E WILL ALSO BE INCLUDED IN A SIMILAR FASHION TO THE SHOP DRAWING REVIEW PROCESS AND SHA RECOMMENDATION FOR THE VA'S CONSIDERATION.
- THE A/E WILL REJECT IMMEDIATELY WITHOUT REVIEWING ANY SUBMITTAL THAT IS DEEMED INCOMPLETE AND NOT IN COMPLIANCE WITH THE BOD PF
- 4. IT SHOULD BE NOTED THAT IT IS NOT THE VA'S OR THE A/E'S RESPONSIBILITY TO RESEARCH, DOCUMENT AND PROVE EQUIVALENCY, THAT IS THE RE RESPONSIBILITY AS PER THESE PROTOCOLS. THE A/E'S RESPONSIBILITY IS TO REVIEW AND ANALYZE THE DETAILED COMPARATIVE DOCUMENTATIO WAS SUBMITTED.
- STEP 10: VA APPROVAL ALLOWS SHOP DRAWING PROCESS TO BEGIN 1. PRIOR TO THE CONTRACTOR(S) BEING ALLOWED TO PROCEED WITH SHOP DRAWING PREPARATION AND THE OFFICIAL SHOP DRAWING SUBMISSION( VA/CO APPROVAL(S) ON EACH EQUIVALENT SUBSTITUTION REQUEST THAT WILL AFFECT THE SHOP DRAWING PROCESS FOR THAT SPECIFIC ITEM AN
- STEP 11: IMPLEMENTATION OF SUBSTITUTION(S) AND IMPACT(S) 1. ONCE APPROVED BY THE VA/CO THE CONTRACTORS SHALL PERFORM THEIR FINAL COORDINATION EFFORTS AND BEGIN THE NORMAL SHOP DRAWIN PROVIDING ANY ADDITIONAL ENGINEERING WORK NECESSITATED BY THE EQUIVALENT SUBSTITUTION.
- 2. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK ASSOCIATED WITH AND IMPACTED BY ANY EQUIVALENT SUB COORDINATION AND MANAGEMENT OF THE WORK WITHOUT ADDITIONAL COST TO THE GOVERNMENT.

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GENERAL CONSTRUCTION NOTES		GENERAL DEMO	OLITION NOTES	SPECIAL SAFETY NOTES
24 CONTRACTOR WILL BE REQUIRED TO PROVIDE A CONSTRUCTION PHASING AND SCHEDULE OF ACTIVITIES. REFER TO IFICATION SECTION 01 01 00 AND 01 32 16.15 FOR ADDITIONAL INFORMATION/REQUIREMENTS.	ALL EXISTING PARTITIONS WITHIN THE REMODELING AREAS WHICH ARE DESIGNATED FIRE OR SMOKE RATED PARTITIONS, AS WELL AS ALL CORRIDOR PARTITIONS SHALL BE IMPROVED TO CONFORM TO THE STANDARDS FOR NEW FIRE RATED PARTITIONS AS FOLLOWS:	GENERAL NOTES FOR CONTRACTORS: SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.	16. WHERE EXISTING MATERIALS, ITEMS OR EQUIPMENT ARE TO BE REMOVED FOR THEIR REPLACEMENT IN THE SAME LOCATION BY THE SAME OR SIMILAR NEW MATERIALS, ITEMS OR EQUIPMENT, CAREFULLY DISCONNECT, DETACH, DISASSEMBLE IF REQUIRED. REMOVE AND DISPOSE OF THE ITEMS INDICATED ALONG WITH ANY AND ALL ANCILLARY SYSTEM COMPONENTRY OR	<ol> <li>ALL CONTRACTORS, SUBCONTRACTORS AND THEIR REPRESENTATIVES WORKING ON THIS PROJECT SHALL AT ALL TIMES PRIOR TO AND DURING THE COURSE OF THEIR ACTIVITY BE RESPONSIBLE FOR</li> </ol>
CONTRACTOR WILL COORDINATE WITH THE VA/COR TO DEVELOP A CRITICAL PATH METHOD (CPM) SCHEDULE, TRUCTION ACTIVITY SEQUENCING AND ASSOCIATED COMPLETION DATES FOR THE COMPLETE PROJECT.	EXISTING PARTITIONS TO REMAIN SHALL BE MADE CONTINOUS FROM THE FLOOR SLAB TO THE UNDERSIDE OF THE FLOOR OR ROOF SLAB ABOVE, INCLUDING CONTINUITY THROUGH THE CONCEALED	PROTECTION PROTOCOLS: VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA	SUPPORT ITEMS ADDITIONALLY IDENTIFIED OR REQUIRED TO BE REPLACED.	THE SAFETY OF THEIR EMPLOYEES, ALL OTHERS AND ARE TO BE IN CARE OF THE PROPERTY.
ARGO VA HEALTHCARE SYSTEM MUST REMAIN IN FULL OPERATION DURING CONSTRUCTION ACTIVITIES WITH MINIMAL RUPTION DUE TO ALL RELATED CONSTRUCTION ACTIVITIES AND RELATED COMPONENTS OF THE PROJECT, DING MATERIAL DELIVERIES, NOISE, DUST, VIBRATION, ETC., BY CONSTRUCTION ACTIVITIES RELATED TO THIS ICT.	SPACE ABOVE THE SUSPENDED CEILING. ALL EDGES AND PENETRATIONS SHALL BE FIRE CAULKED CONTINUOUSLY AND SEALED TIGHTLY. PARTITIONS SHALL BE TIGHTLY FITTED AND SEALED AROUND ALL PENETRATIONS SUCH AS DUCTS, PIPES, CONDUIT AND AROUND ALL FRAMING MEMBERS SUCH AS BEAMS, JOISTS AND CONRETE RIBS.	<ul> <li>OR LOCATION OF SCHEDULED WORK WITH THE VA/COR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING DEMOLITION WORK IN ANY OCCUPIED SPACES FOLLOW THE "OCCUPIED AREAS PROTECTION PROTOCOLS" UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS.</li> <li>BEFORE BEGINNING ANY DEMOLITION WORK EACH CONTRACTOR AND DISCIPLINE SHALL PERFORM A FULL EXAMINATION OF ALL AREAS OF WORK AND FULLY VERIFY ALL EXISTING CONDITIONS ALONG WITH ALL OF THE AREAS OF WORK FOR ANY</li> </ul>	17. WHERE STRUCTURAL SUPPORT OF EXISTING CONSTRUCTION ELEMENTS OR PORTIONS OF STRUCTURAL ELEMENTS TO REMAIN IS REQUIRED THE RESPONSIBLE CONTRACTOR PERFORMING THE WORK SHALL PROVIDE AND MAINTAINING ALL NECESSARY STRUCTURAL SUPPORTS, SHORING, STIFFENERS, BRACING, BEAMS, COLUMNS, FOOTINGS AND SUPPORTS AS NECESSARY TO ENSURE THE STABILITY OF THE ELEMENTS BEING SUPPORTED AND TO ADEQUATELY DISTRIBUTE ANY TEMPORARY LOADING SO AS NOT TO OVER LOAD ANY OF THE EXISTING STRUCTURE AND THE CONSTRUCTION BELOW. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL STRUCTURAL ENGINEERING ANALYSIS, CALCULATIONS AND SOLUTIONS FOR PROVIDING	<ol> <li>EACH CONTRACTOR OR SUBCONTRACTOR, AS REPRESENTATIVES OF THEIR EMPLOYEES, SHALL ASCERTAIN THAT THE CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO ACCOMPLISH THEIR WORK ARE SAFE AND MEET ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HAZARD ACT, ALONG WITH ALL OTHER APPLICABLE GOVERNING REGULATIONS AND VA</li> </ol>
25 CONTRACTORS SCHEDULES SHOULD INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: CONSTRUCTION ACTIVITIES WHICH MAY AFFECT THE CONTINUAL OPERATIONS OF THE FARGO VA HEALTHCARE SYSTEM. 26	<ol> <li>PROVIDE A VINYL STRIP UNDER ALL DOORS WHERE NEW OR EXISTING FINISHES AND ADJACENT FLOORS ARE AT DIFFERENT LEVELS AND WHERE ADJACENT FLOOR FINISHES ARE OF DIFFERENT MATERIALS UNLESS OTHERWISE DETAILED.</li> <li>UNLESS OTHERWISE SHOWN ON THE REFLECTED CEILING PLANS, ALL ACOUSTICAL CEILING TILE GRIDS SHALL BE</li> </ol>	UNFORESEEN CONDITIONS OR DISCREPANCIES FROM THE DOCUMENTATION THAT WOULD AFFECT THEIR WORK AND/OR THE WORK OF OTHERS. ANY UNFORESEEN CONDITIONS OR DISCREPANCIES DISCOVERED ARE TO BE IMMEDIATELY IDENTIFIED AND COORDINATED WITH THE GENERAL/PRIME CONTRACTOR WHO SHALL IN TURN DOCUMENT AND PROMPTLY REPORT ANY SUCH CONDITIONS DIRECTLY TO THE VA/COR FOR DIRECTION ON HOW TO PROCEED BEFORE ALLOWING ANY WORK TO BEGIN.	ANY SUCH WORK AND WILL NEED TO PROVIDE ALL SUCH PROPER DOCUMENTATION PREPARED BY A LICENSED STRUCTURAL ENGINEER TO THE VA/COR AS A SHOP DRAWING SUBMITTAL FOR PROPER REVIEW AND APPROVAL BEFORE BEING ALLOWED TO BEGIN ANY SUCH WORK.	<ul> <li>REQUIREMENTS.</li> <li>3. THE BEGINNING OF WORK ON SITE BY A CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE HIS/HER SATISFACTION AND FULL ACCEPTANCE OF THE CURRENT SITE CONDITIONS REGARDING SAFETY AND</li> </ul>
SCHEDULES FOR EXISTING SYSTEMS SHUT DOWN. SCHEDULES FOR CONSTRUCTION ACTIVITIES OCCURRING AFTER NORMAL BUSINESS HOURS. M-F 08:00 - 16:30 27 SCHEDULE FOR LONG LEAD ITEMS.	CENTERED IN EACH ROOM WITH EITHER A TILE OR GRID AT THE CENTER. UNLESS OTHERWISE DETAILED, WHERE EXISTING WALLS OR PARTITIONS ARE REMOVED AND A DIFFERENCE IN CEILING HEIGHTS OCCURS IN ONE ROOM OR AREA, THE SPACE BETWEEN THE CEILING SHALL BE SQUARED OFF HORIZONTALLY AND VERTICALLY WITH FURRING CHANNELS AND FINISHED WITH THE MATERIALS AS CALLED FOR	<ol> <li>EACH CONTRACTOR SHALL DOCUMENT EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND PROVIDE DOCUMENTATION OF ANY PRE-EXISTING DAMAGE.</li> </ol>	18. ALL EXISTING CONSTRUCTION OR ITEMS INDICATED TO REMAIN IN PLACE AND OPERATION SHALL BE PROTECTED FROM DAMAGE BOTH DURING THE DEMOLITION OPERATIONS AS WELL AS THE NEW CONSTRUCTION EFFORTS. WHERE PRACTICABLE, AND WITH THE VA/COR'S APPROVAL, THE CONTRACTOR MAY ELECT TO REMOVE SUCH ITEMS TO A SUITABLE STORAGE LOCATION DURING THE DEMOLITION PHASE AND THEN PROPERLY CLEAN AND REINSTALL THE ITEMS WHEN APPLICABLE. IN NO	THE NECESSARY COMPLIANCE WITH ALL CONTRACT REQUIREMENTS REGARDING SAME. THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ACCIDENTS, INJURIES, AND/OR DAMAGES INCURRED AS A RESULT OF ANY VISIBLE OR KNOWN UNSAFE CONDITIONS THAT EXIST.
IDE TEMPORARY CONSTRUCTION FENCING/BARRIERS WITH DOORS AND FRAMES AS REQUIRED TO SEPARATE TRUCTION ACTIVITIES FROM PUBLIC AREAS AND AREAS REQUIRING ACCESS DURING CONSTRUCTION. HARD IERS WILL BE FLOOR TO DECK AND ONE (1) HR RATED.	<ul> <li>BY THE INDICATED ROOM FINISH.</li> <li>EXISTING DOORS, WHICH SWING INTO ROOM SWHERE NEW FLOOR FINISH IS ABOVE ADJACENT FLOORS, SHALL BE CUT OFF NO MORE THAN <sup>3</sup>/<sub>4</sub>" GAP AT BOTTOM TO CLEAR NEW FINISHED FLOOR.</li> <li>WORK AT THE DISCRETION OF THE VA MAY BE SHUT DOWN AND RESCHEDULED DUE TO CRITICAL AREAS OR</li> </ul>	3. ALL REQUIRED DEMOLITION WORK IS NOT NECESSARILY LIMITED TO WHAT IS ONLY SPECIFICALLY SHOWN OR DIRECTLY CALLED OUT ON THE DEMOLITION PLANS OR THAT IS ONLY SPECIFICALLY IDENTIFIED WITHIN THE DEMOLITION NOTES DESCRIPTIONS. THE INTENT OF THE DOCUMENTATION IS TO GENERALLY IDENTIFY THE MORE SPECIFIC MAJOR ELEMENTS OF WORK IN PLACE THAT SHALL REQUIRE REMOVAL AND/OR REWORK IN ORDER TO ACCOMPLISH THE DESIGN INTENT OF THE DOCUMENTS. THE	CASE SHALL ANY LIFE SAFETY DEVICES, SYSTEMS OR MEASURES BE COMPROMISED BY THE TEMPORARY REMOVAL OF ANY NECESSARY ELEMENTS OF WORK, FOR THE CONVENIENCE OF THE CONTRACTOR, THAT WERE NOT PROPERLY REPLACED IN KIND WITH A SIMILAR PROPERLY OPERATING TEMPORARY DEVICE.	4. IF UNSATISFIED WITH THE CURRENT SITE SAFETY CONDITIONS AND/OR THE NECESSARY COMPLIANCE, THE CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE THE ACTIONS AND/OR DEVICES NECESSARY TO RENDER THE JOB-SITE SAFE. IF THE WORK OF OTHER PARTIES, UPON INSPECTION, IS FOUND AT
E VAHCS ACCESS/EGRESS ROUTES IDENTIFIED ON THE PHASING PLANS ARE REQUIRED TO BE BLOCKED ORARILY TO ACCOMMODATE CONSTRUCTION, COORDINATE ALTERNATE ACCESS/EGRESS ROUTES WITH THE VA/COR PROVIDE TEMPORARY SIGNAGE AND TEMPORARY PROTECTIVE BARRIERS TO CREATE ALTERNATIVE ACCESS/EGRESS 31 ES AS REQUIRED. COORDINATE AND SCHEDULE ANY DOWNTIME FOR THESE ROUTES WITH THE VA/COR.	<ul> <li>WORK AT THE DISCRETION OF THE VAMAT BE SHOT DOWN AND RESCHEDDEED DOE TO CRITICAL AREAS OR SPECIAL NEEDS OF PATIENTS AND STAFF AT NO ADDITIONAL COST TO THE GOVERNMENT.</li> <li>CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS.</li> <li>CONTRACTOR TO PROVIDE PROTECTION AGAINST DAMAGE INCLUDING WATER PENETRATION, TO EXISTING STRUCTURE AND FINISHES WHERE DEMOLITION AND NEW CONSTRUCTION OCCURS.</li> </ul>	FULL EXTENT OF DEMOLITION WORK COULD INCLUDE BUT NOT NECESSARILY BE LIMITED TO ALL AFFECTED LESSER ELEMENTS OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, MEDICAL GASES, FIRE PROTECTION SPRINKLER SYSTEMS AND ALL ELECTRICAL SYSTEMS WORK INCLUDING HIGH AND LOW VOLTAGE POWER, COMMUNICATION SYSTEMS SUCH AS CCTV, SECURITY, IT DATA, LIFE SAFETY, FIRE PROTECTION, NURSE CALL, PA, BAS CONTROLS SYSTEMS, TEMPERATURE AND	19. DURING THE COURSE OF SELECTIVE DEMOLITION OR REMOVAL OPERATIONS AND THE EXISTING SUBSTRATE MATERIALS/CONSTRUCTION IS DAMAGED BEYOND REASONABLE REPAIR, THE CONTRACTOR SHALL BE RESPONSIBLE TO FULLY REPLACE THE ENTIRE DAMAGED SECTION AND/OR SECTIONS. THIS DAMAGED AREA SHALL BE REMOVED AND REPLACED AS REQUIRED TO REPAIR THE SUBSTRATE TO A LIKE NEW CONDITION THAT CONTAINS NO IRREGULAR JOINT CONNECTIONS,	ANY TIME TO BE UNSAFE THE CONTRACTOR OR SUBCONTRACTOR SHALL IMMEDIATELY STOP ALL WORK AND NOTIFY THE GENERAL/PRIME CONTRACTOR AND THE VA/COR. THE SUBMISSION OF A BID FOR ANY PORTION OF WORK INCLUDED IN THIS CONTRACT SHALL ALSO INDICATE ACKNOWLEDGMENT AND ACCEPTANCE OF THESE REQUIREMENTS.
	<ol> <li>ALL EXISTING EQUIPMENT, SIGNAGE AND ART SHALL BE SALVAGED FOR REUSE TO BE REINSTALLED BY CONTRACTOR AT SAME LOCATIONS IF POSSIBLE. UTILIZE ALTERNATE LOCATIONS AT OWNER'S DISCRETION.</li> <li>ALL TEMPORARY CONSTRUCTION PARTITIONS SHALL BE ONE(1) HOUR RATED. DOORS SHALL HAVE CLOSERS AND LOCKING HARDWARE.</li> </ol>	<ul> <li>ALL REQUIRED DEMOLITION WORK IS NECESSARY TO FACILITATE THE EXTENT OF BOTH THE NEW CONSTRUCTION WORK AS WELL AS TO FACILITATE THE REPLACEMENT, RELOCATION AND/OR THE REWORKING OF THE EXISTING SYSTEMS. ANY DEMONSTRUCTION OF THE CURPORT AND COMPONENTS OF UPPENTLY AND FORMULA TO BE MODIFIED IN OPPENT OF DEPONDENTS OF UPPENTLY AND FORMULA TO BE MODIFIED IN OPPENT OF DEPONDENTS.</li> </ul>	CONDITIONS, DEFECTS, WEAKNESS OR WILL CAUSE ADVERSE EFFECTS THAT WILL RESULT IN ANY DIFFERENTIAL FINISHED SURFACE CONDITIONS OR AREAS OF JOINT WEAKNESS THAT WILL RESULT IN SURFACE CRACKING AND BE APPARENT THAT THE CONDITION IS IN FACT A PATCH/REPAIR.	<ol> <li>THE GENERAL CONTRACTORS SUPERINTENDENT MUST BE OSHA 30 TRAINED AND CERTIFIED. THEY MUST BE ON THE JOB SITE AT ALL TIMES WHEN WORK IS OCCURRING. ALL OTHER PERSONNEL MUST BE OSHA 10 TRAINED AND CERTIFIED.</li> <li>GENERAL CONTRACTOR SUPER TO PERFORM JOBSITE INSPECTION PRIOR TO LEAVING THE WORK</li> </ol>
TAIN ACCESS TO EXISTING BUILDINGS WITHIN THE LIMITS OF CONSTRUCTION. 34 RDINATE SHUT DOWNS OF UTILITIES OR ANY CONSTRUCTION ACTIVITIES WHICH MAY POTENTIALLY AFFECT THE	I. ALL WALL OR FLOOR PENETRATIONS (NEW OR ABANDONED EXISTING) UNDER THIS PROJECT SHALL BE SEALED, FILLED OR PROTECTED IMMEDIATELY TO MAINTAIN ALL SMOKE AND FIRE PASSAGE SITUATIONS. USE APPROVED FIRE/SMOKE STOP MATERIAL OR EQUIVALENT CONSTRUCTION.	REWORKING OF THE CURRENT ELEMENTS AND COMPONENTS CURRENTLY NEEDING TO BE MODIFIED IN ORDER TO PROPERLY SUPPORT THE COMPLETED PROJECT SHALL BE PROVIDED AS INTENDED TO CONFORM WITH THE ORIGINAL DESIGN INTENT WHETHER SPECIFICALLY CALLED FOR IN GREAT DETAIL WITH EVERY ANCILLARY ELEMENT FULLY NAMED AND IDENTIFIED OR AS CALLED OUT AS A GENERAL COMPONENT PORTION OF WORK THAT NEEDS TO BE PROPERLY REMOVED IN ORDER TO COMPLETE THE SCOPE OF WORK AS INTENDED TO COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.	20. REFER TO ALL ENGINEERING DISCIPLINE DRAWINGS AND DOCUMENTATION FOR THE BASIC EXTENT BEING REQUIRED FOR ALL INFRASTRUCTURE AND SYSTEMS DEMOLITION AS WELL AS FOR IDENTIFYING ALL EXISTING EQUIPMENT, PIPING, CONDUITS, DUCTWORK, WIRING, CONTROLS, ETC. THAT ARE INTENDED TO REMAIN WITHIN ANY OF THE AREAS OF DEMOLITION, THE AREAS OF REWORKING OF EXISTING SYSTEMS AND THE AREAS OF NEW WORK.	AREA AT THE END OF SHIFT.
ING OPERATIONS OF THE VAMC WITH THE VA/COR. SHUT DOWNS SHALL BE BE REQUESTED AT MINIMUM THREE 35 IN ADVANCE AND BE MADE IN WRITING. MAINTAIN UNINTERRUPTED OPERATION OF THE EXISTING FACILITIES FOR XISTING UTILITIES TIE-INS. SCHEDULE THESE EVENTS AFTER-NORMAL BUSINESS HOURS OR AS REVIEWED AND OVED BY THE VA/COR. 36	<ol> <li>WHETHER EXISTING OR NEW, NO CABLES, DUCTS, CONDUIT, PIPES, INSULATION, ETC. SHALL BE ALLOWED TO TOUCH OR REST ON SPRINKLER PIPING. ABOVE-CEILING INSPECTIONS WILL BE CONDUCTED AND ANY VIOLATIONS WILL REQUIRE CORRECTION UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE GOVERNMENT.</li> <li>DO NOT USE STEEL DECK FOR HANGING SUPPORTS OF BUILDING COMPONENTS INCLUDING SUSPENDED CEILINGS, ELECTRICAL LIGHT FIZTURES, PLUMBING, HEATING, OR AIR CONDITIONING PIPES OR DUCTS OR</li> </ol>	5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS, CEILINGS, SUSPENSION SYSTEMS, FLOORING, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS, FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW	21. UNLESS OTHERWISE NOTED ALL EXISTING PARTITION CONSTRUCTION WITHIN THE PROJECT AREA OF WORK SCHEDULED TO RECEIVE NEW FINISHES SHALL HAVE ALL EXISTING FINISHES REMOVED INCLUDING BUT NOT LIMITED TO ALL CERAMIC TILE, VINYL WALL COVERING, WOOD PANELING, WAINSCOT MATERIALS, GROUT, MASTIC, WALL COVERING BACKING, WALL BASE, ADHESIVE, STAPLES, EXPOSED FASTENERS, ETC. SUCH THAT THE SUB-STRAIGHT WALL/PARTITION SURFACES REQUIRE NO	FIRE AND SAFETY NOTES
CONTRACTOR WILL REVIEW WITH THE VA/COR FOR THE LOCATION OF THE SAFETY SIGN AND CONSTRUCTION 37	ELECTRICAL CONDUITS. 7. PROVIDE ONE (1) SUPERINTENDENT PER SHIFT. 8. FOR ANY CHASE BUILT THE CONTRACTOR SHALL RELOCATE DATA, POWER, EQUIPMENT, ETC. FROM THE	CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES ABOVE AND BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN IN GREAT DETAIL ON THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITION WORK, BUT NOT LIMITED TO, ARE CASEWORK, SHELVING, BRACKETS, STANDARDS, DOOR HARDWARE, MISCELLANEOUS OTHER HARDWARE, SIGNAGE, FLOORING MATERIALS, WALL BASE, WOOD GROUNDS, WALL COVERING	<ul> <li>FURTHER DEMOLITION AND ARE PREPARED TO RECEIVE ALL REQUIRED PATCHING, REPAIRS, RESURFACING AND REFINISHING AS REQUIRED TO RECEIVE THE NEW FINISHES.</li> <li>ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PUBLIC PROJECT</li> </ul>	<ol> <li>MAINTAINING INTEGRITY OF FIRE AND SAFETY SYSTEMS IN PLACE IN MEDICAL CENTER AND OF ITS OUT BUILDING DURING CONSTRUCTION SHALL BE RESPONSIBILITY OF GENERAL CONTRACTOR.</li> <li>IN ADDITION TO VA MEDICAL CENTER POLICIES, NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES SHALL A TO OF THEIR CONTRACTORS AND SUB-CONTRACTORS.</li> </ol>
YERSONNEL ENTERING RENOVATION AREAS WITHIN OCCUPIED FLOORS OF THE VA MEDICAL CENTER SHALL R SHOE COVERS, AND THESE MUST BE CHANGED EACH TIME THE WORKER EXITS THE RESPECTIVE WORK AREA. YIDE ADHESIVE WALK-OFF MATS AT ENTRY POINTS AT ALL WORK AREAS. REPLACE WALK-OFF MATS HOURLY OR IN THEY NO LONGER ARE ABLE TO CONTAIN DUST AND DIRT. WET MOP AND/OR VACUUM WORK AREA WITH HEPA	PREVIOUS LOCATION ONTO THE NEW FACE OF THE CHASE.	MATERIALS, BACKING LINERS OR BOARDS, ANY REMAINING MASTIC, GROUT, CAULKING AND SEALANTS, EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, BACKER BOARDS OR METAL PLATES, CHAIR RAILS, BRACKETS, HOOKS, SURFACE MOUNTED OR RECESSED ACCESSORIES, PRIVACY CURTAINS AND TRACKS, ETC.	ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VA/COR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VA/COR.	<ol> <li>THE CONTRACTORS AND SOB-CONTRACTORS.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING PERTINENT OSHA SAFETY REQUIREMENTS.</li> <li>REVIEW FARGO LOCKOUT-TAGOUT AND CONFINED SPACE ENTRY POLICIES. PROVIDE DOCUMENT WITH APPLICAB POLICIES AND WITH THOSE REQUIRED BY OSHA. THESE POLICIES SHALL BE SUBMITTED FOR APPROVAL BY VA SA</li> </ol>
RED VACUUM BEFORE LEAVING WORK AREAS. CONTAIN DOST AND DIRT. WET MOP AND/OR VACUUM WORK AREA WITH HEPA RED VACUUM BEFORE LEAVING WORK AREAS. CONTAIN CONSTRUCTION WASTE IN TIGHTLY COVERED AINERS PRIOR TO TRANSPORTING. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE THE SPREADING OF AND DEBRIS ASSOCIATED WITH CONSTRUCTION. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL PLETED PROJECT IS THOROUGHLY CLEANED AND INSPECTED BY VA/COR.		6. ALL DEMOLITION WORK SHALL BE PERFORMED IN A SYSTEMATICALLY SAFE FULLY SUPERVISED COORDINATED AND PROPERLY MANAGED SEQUENCE OF WORK UNDER THE DIRECT SUPERVISION OF THE GENERAL/PRIME CONTRACTOR'S SUPERINTENDENT AND/OR THEIR MANAGEMENT PERSONNEL INCLUDING THE PERFORMANCE OF ANY ANCILLARY ELEMENTS OF SELECTIVE DEMOLITION.	<ol> <li>ALL NEW WORK ALONG WITH ANY PORTIONS OF EXISTING EQUIPMENT, MATERIALS OR REWORKED ELEMENTS WHEN COMPLETED SHALL FULLY COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.</li> <li>IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH</li> </ol>	<ul> <li>OFFICER/MANAGER.</li> <li>ALL PENETRATIONS IN 1HR RATED PARTITIONS SHALL RECEIVE RE-ENTERABLE FIRE-STOP ASSEMBLIES. SEE SPECIFICATION SECTION 07 84 00 FOR REQUIREMENTS.</li> </ul>
RACTORS STAGING AREA AND PARKING ARE IN THE NORTHEAST CORNER OF CAMPUS. ORE SITE TO ORIGINAL AND/OR BETTER CONDITION UPON CONSTRUCTION COMPLETION.		7. ALL DEMOLITION, THE HANDLING OF MATERIALS AND EQUIPMENT ALONG WITH THE MOVEMENT OF THESE ELEMENTS THROUGHOUT THE FACILITY SHALL BE PERFORMED SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES TO REMAIN AS WELL AS TO PROVIDE SAFETY FOR ALL TRADESPEOPLE, STAFF, RESIDENTS/PATIENTS, VISITORS AND SERVICE PROVIDERS.	AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VA/COR'S ACCEPTANCE OF THAT WORK. 25. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH. REPAIR. REFINISHING AND/OR REPLACEMENT OF ALL	<ol> <li>CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS OF A NON-COMBUSTIBLE PANEL SYSTEM WHICH PROVID SMOKE TIGHT SEPARATION BETWEEN CONSTRUCTION AREAS AND OTHER OCCUPIED AREAS. MAINTAIN INTEGRI ENCLOSURE DURING CONSTRUCTION. THE PANEL SYSTEM BASIS OF DESIGN IS "EDGE GUARD" OR VAHCS APPR EQUAL.</li> </ol>
RE EXISTING EQUIPMENT, PIPING, CONDUIT, DUCTS, ETC. ARE TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE NCHORS, HANGERS, OR HARDWARE, ETC.		<ol> <li>PROVIDE ALL PHYSICAL AND ENVIRONMENTAL PROTECTIVE MEASURES AS REQUIRED BY THE PROJECT DOCUMENTS, VA FEDERAL AND LOCAL REQUIREMENTS, APPLICABLE OSHA REGULATIONS, THE STATION AND ALL LOCAL INFECTION CONTROL AUTHORITIES, NFPA REQUIREMENTS, THE VA/COR AND ALL OTHER REGULATORY AGENCIES AND VA AUTHORITIES HAVING</li> </ol>	CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.	7. THE CONTRACTOR SHALL COORDINATE ALL WORK AND PLANNED IMPAIRMENTS TO THE FIRE ALARM AND FIRE SUPPRESSION SYSTEMS THROUGH THE VA FACILITY MANAGEMENT. FIRE ALARM COVERAGE AND AUTOMATIC SPRINKLER PROTECTION SHALL REMAIN IN-SERVICE OUTSIDE OF THE AREAS OF WORK UNLESS SPECIFICALLY APPROVED BY THE VA FACILITY MANAGEMENT. SMOKE DETECTORS, BOTH ACTIVE AND INACTIVE, SUBJECT TO
RE EXISITNG CEILINGS ARE TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL PLASTER, GYPSUM BOARD, ACOUSTICAL TILE, ALL METAL LATH, SUPPORT CHANNELS, CEILING TEES, AND HANGER WIRE, UNLESS RWISE NOTED.		<ul> <li>JURISDICTION OVER THIS PROJECT.</li> <li>9. PROVIDE ALL TEMPORARY PARTITIONS, PROTECTION, DOOR ACCESS UNITS, ENCLOSURES, WALKWAYS, FENCING, RAILINGS, CANOPIES, AIR FILTRATION DEVICES, VESTIBULES, AIRLOCKS, ETC., WHERE REQUIRED BY THE CONTRACT DOCUMENTS, THE</li> </ul>	<ol> <li>PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.</li> <li>ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING</li> </ol>	<ul> <li>CONDITIONS SHALL BE COVERED WITH FIRE ALARM MANUFACTURER DUST COVERS.</li> <li>8. FIRE A;ARMS SHALL BE SHUT OFF WHEN AN ACTIVITY WILL PRODUCE DUST OR HEAT. THE VA WILL SHUT OFF FIR ALARMS UPON NOTIFICATION. THE CONTRACTOR SHALL PROVIDE A FIRST WATCH THROUGHOUT THE SHUT OFF</li> </ul>
WORK SHALL LINE WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED. RE THE FLOOR SURFACE IS NOT EVEN BETWEEN EXISTING ROOMS WHICH ARE BEING CONSOLIDATED INTO ONE ROOM, THE FLOOR SURFACES SHALL BE MADE EVEN IN PREPARATION FOR THE NEW CONTINUOUS FLOOR H AT NO ADDITIONAL COST TO THE GOV'T.		VA/COR AND ALL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT AND SHALL BE SURE TO MAINTAIN ADEQUATE AND SAFE EMERGENCY MEANS OF EGRESS FROM ALL AREAS. ALL SUCH WORK NEEDING TO BE PROVIDED WILL REQUIRE VA/COR REVIEW AND APPROVAL BEFORE BEGINNING ANY OF SUCH WORK AND SHALL MAINTAIN ADEQUATE AND SAFE EMERGENCY MEANS OF EGRESS FROM ALL DOORS.	REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. ALL CUTTING TO BE PERFORMED SHALL BE WET CUTTING AND CONTRACTOR TO MANAGE WATER DISCHARGE ON BOTH SIDES OF CUT TO NOT DAMAGE EXISTING CONDITIONS AND PROPERTY. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH	<ol> <li>DAILY ACCUMULATIONS OF TRASH, COMBUSTIBLE MATERIALS, PACKAGING, AND DEBRIS SHALL BE REMOVED FRO CONSTRUCTION AREA ON A DAILY BASIS. FLAMMABLE MATERIALS MAY BE STORED ON SITE IN AN APPROVED AND APPROPRIATELY MARKED FLAMMABLE MATERIALS CABINET.</li> <li>THIS MEDICAL CENTER CAMPUS IS A SMOKE FREE ZONE. USE OF SMOKING AND NICOTINE MATERIALS IS PROHIB</li> </ol>
EXISTING HOLES IN EXISTING FLOOR OR ATTIC SLABS WHICH ARE NOT BEING USED FOR NEW VERTICAL PIPING, S, CONDUIT, ETC., SHALL BE CLOSED WITH CONCRETE TO THE FULL DEPTH OF THE EXISTING SLAB.		10. GREAT CARE SHALL BE TAKEN WHEN PERFORMING SELECTIVE DEMOLITION IN THE UTILIZATION OF MORE SENSITIVE AND LESS EVASIVE METHODS OF DEMOLITION/REMOVAL, AS WELL AS PROVIDING THE APPROPRIATE ENHANCED PROTECTIVE BARRIERS IN ORDER TO PROVIDE FOR THE LEAST AMOUNT OF DAMAGE TO THE WORK THAT IS TO REMAIN IN PLACE. EXISTING FINISHED	<ul> <li>INTERFERENCES. COORDINATE WITH AND OBTAIN VA/COR APPROVAL BEFORE PROCEEDING WITH ANY SUCH REQUIRED PENETRATIONS WORK.</li> <li>28. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, OR OTHER AND MATERIAL OF EDOMETICS OF A DAMA OF A DA</li></ul>	<ul> <li>INCLUDING INSIDE CARS.</li> <li>IF A FIRE WATCH IS NEEDED IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PERFORM TH ONE-HOUR WALKING INSPECTIONS WHILE THE FIRE WATCH IS IN EFFECT.</li> </ul>
IEW HORIZONTAL AND VERTICAL PIPING, DUCTS AND CONDUIT REQUIRED BY THIS CONTRACT, SHALL BE RUN CEALED FROM VIEW (EXCEPT IN MECHANICAL EQUIPMENT ROOMS, TELEPHONE CLOSETS, SIGNAL CLOSETS, TRICAL CLOSETS, AND ELECTRICAL EQUIPMENT ROOMS). PROVIDE FURRING AS NECESSARY. SUCH FURRING ITHER AT WALLS OR CEILINGS, SHALL BE FINISHED TO MATCH NEW AND/OR EXISTING ADJACENT SURFACES. THE		SURFACES, MATERIALS AND EXPOSED EQUIPMENT THAT WOULD RECEIVE SIGNIFICANT AMOUNTS OF SURFACE DAMAGE AND WOULD REQUIRE SIGNIFICANT AMOUNTS OF PATCHING, REPAIRS AND REFINISHING WORK SHALL BE DEEMED AS DAMAGED AND UNUSABLE AND WILL NEED TO BE REPLACED IN WHOLE BY THE RESPONSIBLE CONTRACTOR AND ITS REPLACEMENT ONCE COMPLETED WILL NEED TO RECEIVE VA/COR APPROVAL.	<ul> <li>SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS OR AS APPROVED BY THE VA/COR.</li> <li>29. WORK THAT CREATES EXCESSIVE NOISE OR VIBRATION IS REQUIRED TO BE CONDUCTED OUTSIDE OF PATIENT CARE HOURS OF 8:00 AM TO 4:00 PM AND WITH THE APPROVAL OF VA/COR.</li> </ul>	<ol> <li>ALL FALSE ALARMS OF THE FIRE ALARM SYSTEM WILL BE PAID FOR BY THE GENERAL CONTRACTOR IF THE FARCH HCS IS CHARGED FOR A VISIT BY THE FIRE DEPARTMENT CAUSED BY A FALSE ALARM.</li> <li>ALL EXISTING PARTITIONS TO REMAIN SHALL BE VERIFIED BY THE GENERAL CONTRACTOR TO MEET UL 1 HR RATH</li> </ol>
RACTOR SHALL REFER TO ALL HVAC, ELECTRICAL AND PLUMBING DRAWINGS TO DETERMINE WHERE ANY I PIPES, DUCTS OR CONDUIT OCCUR. FINISHES APPLIED PATCH TO MATCH TO EXISTING FLOORS, WALLS AND PARTITIONS. IF FINISH CANNOT BE		11. WHERE EXISTING FLOOR FINISHES ARE TO BE FULLY REMOVED TO ALLOW FOR THE INSTALLATION OF NEW, PROVIDE FOR THE COMPLETE REMOVAL OF THE EXISTING FLOOR FINISHES ALONG WITH ALL ASSOCIATED ATTACHMENT SYSTEMS SUCH AS MASTICS, ADHESIVES, TACKLES STRIPS, STAPLES, SETTING BEDS OF GROUT, MORTAR OR CONCRETE, CARPET PADDING, ATTACHED SUBFLOORING MATERIALS, ETC, AS REQUIRED TO GET DOWN TO THE EXISTING STRUCTURAL FLOOR SUBSTRATE	<ol> <li>VALIDENTIFICATION TAGS ON EXISTING MATERIALS MUST BE IDENTIFIED AND THOSE OBJECTS RETURNED TO THE VALID FOR DECOMMISSIONING. THESE OBJECTS INCLUDE, BUT ARE NOT LIMITED TO, FIRE EXTINGUISHERS, EXIT SIGNS, DOOR FRAMES, OR EQUIPMENT.</li> </ol>	<ol> <li>ALL EXISTING PENETRATIONS IN EXISTING PARTITIONS THAT ARE NOT FIRESTOPPED SHALL RECEIVE FIRESTOPP SEE SPECIFICATION SECTION 07 84 00 FOR FIRESTOPPING REQUIREMENTS.</li> <li>REMOVING GREATER THAN 10% OF THE CEILING IMPAIRS THE SPRINKLER SYSTEM. IF IMPAIRMENT IS GREATER THAN 10% OF THE CEILING IMPAIRS THE SPRINKLER SYSTEM.</li> </ol>
CHED, ALL NEW FINISH SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE GOV'T. RE EXISTING CT FINISH IS BEING REMOVED, A CONCRETE TOPPING SHALL BE APPLIED TO THE REMAINING R SURFACE TO MAKE IT SMOOTH AND EVEN IN PREPARATION FOR THE APPLICATION OF A NEW CONTINOUS		<ul> <li>12. ITEMS INDICATED TO BE REMOVED AND SALVAGED FOR THE VA SHALL REMAIN THE VA'S PROPERTY AND SHALL BE CAREFULLY REMOVED, CLEANED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR RESPONSIBLE AT ALL TIMES. ALL SUCH ITEMS</li> </ul>		HOURS IN A 24 HOUR PERIOD A FIRE WATCH MUST BE ESTABLISHED.
R FINISH. PARTITIONS, UNLESS OTHERWISE SHOWN OR DETAILED, SHALL BE METAL STUDS WITH TYPE 'X' GYPSUM BOARD OF THICKNESS TO ADEQUATELY COVER PIPING, CONDUITS, ETC.		INDICATED TO BE SALVAGED WILL BE PACKAGED AND/OR CRATED AS REQUIRED BY THE VA/COR TO PROPERLY PROTECT THEM FROM DAMAGE CAUSED BY THE HANDLING, MOVING AND/OR THE STORAGE OF THESE ITEMS. ALL PACKAGES AND/OR CRATES OF ITEMS SHALL HAVE THEIR CONTENTS CLEARLY MARKED AND FULLY IDENTIFIED ON BOTH THE TOP AND ONE SIDE OF EACH CONTAINER TO BE COORDINATED WITH AND APPROVED BY THE VA/COR. DELIVER ALL SALVAGED MATERIALS TO THE		SPECIAL DEMOLITION NOTES
DIMENSIONS ARE TO THE FINISH FACE OF NEW STUD WALLS AND CENTER LINE OF NEW COLUMNS UNLESS VN OTHERWISE. EXISTING WALLS, EXISTING COLUMNS AND NEW MASONRY WALLS ARE DIMENSIONED TO THE OF FINISH.		<ul> <li>LOCATIONS INDICATED IN THE PROJECT DOCUMENTATION OR TO THE GOVERNMENTS DESIGNATED STORAGE FACILITY ON THE STATIONS CAMPUS AS DIRECTED BY THE VA/COR.</li> <li>13. UNLESS OTHERWISE INDICATED OR STATED TO BE SAVED, SALVAGED OR IDENTIFIED AS NEEDING TO REMAIN OR BE RELOCATED AND/OR REUSED, ALL ITEMS IDENTIFIED TO BE REMOVED, DEMOLISHED, SCRAPED, ETC. BECOMES THE PROPERTY</li> </ul>		<ol> <li>GENERAL CONTRACTOR SHALL ASSUME INFECTION CONTROL (ICRA) PROTECTION IS REQUIRED FOR ALL ASPECTS THE SCOPE OF WORK REQUIRING DEMOLITION AND/OR TEMPORARY REMOVALS (I.E. CEILINGS)</li> <li>GENERAL CONTRACTOR SHALL ASSUME AS PART OF SCOPE OF WORK THAT THERE WILL BE FIVE HUNDRED (500) SQUARE FEET OF CONCRETE FLOOR SLAB PATCHING AS PART OF DEMOLITION.</li> </ol>
		<ul> <li>AND RESPONSIBILITY OF THE CONTRACTOR AND AS SUCH IT IS THEIR RESPONSIBILITY TO REMOVE ALL SUCH ITEMS FROM THE SITE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.</li> <li>14. DEMOLITION ITEMS OF VALUE TO THE CONTRACTOR(S) ARE NOT TO BE STORED ON SITE AND NEED TO BE REMOVED ON A DAILY</li> </ul>		3. GENERAL CONTRACTOR SHALL ASSUME AS PART OF SCOPE OF WORK THAT THERE WILL BE SEVEN HUNDRED (700) SQUARE FEET OF HARD PLASTER CEILING THAT WILL BE REQUIRED TO BE DEMOLISHED. THIS INCLUDES PLASTER CEILING CONCEALED ABOVE ACOUSTICAL TILE CEILING. ANY EXISTING SPRINKLERS IN PLASTER CEILINGS SHALL E REPLACED WITH NEW UPRIGHT SPRINKLERS AS PART OF DEMOLITION.
		<ul> <li>BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.</li> <li>15. ALL ITEMS OF WORK THAT ARE IDENTIFIED AS EXISTING TO BE REMOVED AND REUSED/REINSTALLED SHALL BE CAREFULLY DISCONNECTED, DETACHED, REMOVED AND DISASSEMBLED AS REQUIRED FOR CONVENIENCE AND EASE OF HANDLING,</li> </ul>		4. AT LOCATION OF NEW DATA CENTER A HARD CEILING FROM THE OLD THEATER SPACE EXISTS ABOVE THE NEW LA CEILING. REMOVAL OF THIS SECONDARY CEILING IS PART OF THE SCOPE OF WORK.
		MOVING, STORAGE AND FOR THEIR PROTECTION FROM DAMAGE. ALL SUCH ITEMS ARE TO BE INDIVIDUALLY WRAPPED, BOXED OR PLACED IN CARTONS FOR THE EASE OF HANDLING THE MATERIALS AND THEIR PLACEMENT IN A VA/COR IDENTIFIED PROTECTED STORAGE AREA (TBD) LOCATED ON THE STATION BUT NOT NECESSARILY CONVENIENT TO THE SITE OF THE WORK. EACH ITEM SHALL BE FULLY CLEANED, FREE FROM DAMAGE, PREPARED FOR SERVICE AND FULLY TESTED TO VERIFY ITS ABILITY FOR PROPER FUNCTIONAL REUSE PRIOR TO BEING PLACED IN STORAGE. THE CONTRACTOR TAKES RESPONSIBILITY FOR AND CERTIFIES ITS PERFORMANCE CAPABILITIES AND THE FACT THAT IT IS NOT DAMAGED AND FULLY CAPABLE FOR REUSE WHEN READY FOR ITS REINSTALLATION. IN THE EVENTUALITY THAT AN ITEM IS ULTIMATELY FOUND TO BE DAMAGED OR		
		INOPERABLE AT THE POINT OF REINSTALLATION THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A NEW ITEM/DEVICE ALONG WITH ALL ANCILLARY SUPPORT WORK AND EQUIPMENT NECESSARY TO FULLY REPLACE THE EXISTING.	Drawing Title Phase	ISSUE FOR BID - 01.
	CONSULTANT ARCHIT	ECT/ENGINEER OF RECORD STAMP Office of Construction Construction of Construction Co	f GENERAL - PROTECTION PROTOCOLS ISSUE FOR Ion AND MISCELLANEOUS NOTES	
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			LIFE SAFETY PLAN LEGEND	D GENERAL PLAN DEMOLITION NOTES	GENERAL RC
			CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS. REFER TO RATED PARTITION NOTES BELOW.	1. REVIEW THE DEMOLITION DRAWING IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF DEMOLITION WORK.	1. REVIEW THE DEMOLITION DRA PROTECTION, PLUMBING, MED
A			PATH OF EGRESS      EXIT SIGN	<ol> <li>REFER TO SHEETS GI-012 FOR GENERAL DEMOLITION NOTES.</li> <li>REFER TO REFLECTED CEILING DEMOLITION PLAN FOR DEMOLITION WORK AT CEILING.</li> </ol>	SCOPE OF DEMOLITION WORK 2. REFER TO SHEET GI-012 FOR
			FIRE EXTINGUISHER	<ul> <li>4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS, CEILINGS, FLOORS, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS, FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADDITIONAL TERMENT OF A DEPOSITION AND THE SPACES PER OWN SOME ADDITIONAL TEMS THAT MAX</li> </ul>	NOTES. 3. IN AREAS OF NEW WORK, REN CEILINGS SHALL NOT BE ATTA
				EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN ON THE DEMOLITION PLAN THAT ARE A PART OF THE	EXISTING SUSPENSION SYSTE 4. REMOVE ALL POWER WIRING,
			RATED PARTITION NOTES	ADJACENT SPACES AND THE SPACES BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN ON THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITION WORK, BUT NOT LIMITED TO, ARE CASEWORK, SHELVING, DOOR HARDWARE, MISC. HARDWARE, SIGNAGE, FLOORING, WALL BASE, WOOD GROUNDS, WALL COVERING MATERIALS, REMAINING MASTIC AND SEALANTS, EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, CHAIR RAILS, BRACKETS, HOOKS,	ASSOCIATED WITH REMOVED RESPECTIVE POWER PANELS. 5. ALL EXISTING SPRINKLER HEA
			SMOKE ZONE BARRIERS REQUIRED TO BE OF 1 HOUR FIRE RESISTANCE RATING. (NFPA 101, 18.3.2.7.5)	<ul> <li>ETC.</li> <li>5. VERIFY EXISTING CONDITIONS AND PROMPTLY REPORT ANY DRAWING DISCREPANCIES TO THE COR AND ARCHITECT.</li> </ul>	SHALL BE REPLACED WITH NE
			WALL: WALL EXTENDS FROM FLOOR TO DECK ABOVE. DUCTS: ALL DUCT PENETRATIONS ARE PROTECTED BY SMOKE DAMPER SMOKE DAMPERS ARE NOT REQUIRED WHERE ADJACENT SMOKE	<ul> <li>ALL CONSTRUCTION TO REMAIN THAT IS AFFECTED BY DEMOLITION SHALL BE PATCHED, PLASTERED AND BE PROPERLY MEMBERED AND ALIGNED SO AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIR.</li> <li>DUDING THE COUPEE OF DEMOLIAL OF EXISTING EINIGHED FROM ITEMS INDICATED</li> </ul>	CEILING PLAN
			COMPARTMENTS ARE PROTECTED BY QUICK RESPONSE SPRINKLERS THROUGHOUT EACH COMPARTMENT. PENETRATIONS: ALL PENETRATIONS ARE TO BE SEALED WITH LISTED FIRESTOP MATERIALS FOR PROTECTING 1-HOUR FIRE AND SMOKE WAL ASSEMBLIES. PENETRATIONS ARE TO BE FILLED ON BOTH SIDES OF TH	REPAIR, REPLACE DAMAGE SECTION TO THE POINT WHERE NEW FINISHES CAN BE APPLIED WITHOUT DETECTION OF DAMAGED AREAS.	+ + GRID AND HANGERS TO
В			ASSEMBLIES. PENETRATIONS ARE TO BE FILLED ON BOTH SIDES OF TH WALL. DOORS: ALL DOORS FOR SMOKE BARRIERS REQUIRE THE FOLLOWING:	REQUIRED FRIOR FOR ATOMING AND LEVELING FOR NEW FEOORT INIGHES.	REFER TO ELECTRICAL
			<ol> <li>LABELED FRAME</li> <li>20 MINUTE OR SOLID WOOD CORE (NFPA 101 18.3.7.6)</li> </ol>	PLAN DEMOLITION LEGEND	REFER TO MECHANICAL
			<ol> <li>MAXIMUM 1296 SQ. IN. WINDOW (NFPA 80 4.4.4)</li> <li>POSITIVE LATCHING REQUIRED</li> <li>SELF CLOSING OR AUTOMATIC CLOSING (NFPA 101 18.3.1)</li> </ol>	EXISTING CONSTRUCTION TO REMAIN	AREA NOT IN
			<ol> <li>MAXIMUM 1/8" GAP (NFPA 101 18.3.7.6.)</li> <li>MAXIMUM 1" UNDERCUT (NFPA 101 19.3.6.3.4)</li> <li>MAXIMUM 48" PROTECTIVE PLATE (NFPA 101 18.3.7.6)</li> </ol>		EXISTING SPRINKLER HE     PROTECTION DRAWINGS
_			9. SWING IN DIRECTION OPPOSITE OF EACH OTHER (NFPA 18.3.7.6)	COMPLETE DEMOLITION OF SELECTED ITEMS. REPAIR/REPLACE	۲۰۰۹ 2' X 2' LIGHT FIXTURE TC
			10. SMOKE DOOR ASSEMBLIES SHALL BE TESTED AT LEAST ANNUALLY (NFPA 105 5.2.1.1)	EXISTING DOOR, HARDWARE AND FRAME TO BE REMOVED UNLESS OTHERWISE NOTED.	COVERED DIFFUSER TO REFER TO MECHANICAL
			1-HOUR FIRE BARRIER THIS APPLIES TO 1-HOUR FIRE RATED OCCUPANCY SEPARATIONS, HAZARDOUS ROOM	EXISTING DOOR TO REMAIN	EXTENT OF PLASTE
			ENCLOSURES AND STAIRWELLS 3 STORIES OR LESS. WALL: WALL EXTENDS FROM FLOOR TO DECK ABOVE. DUCTS: STEEL DUCT PENETRATIONS NOT REQUIRED TO BE	$ \begin{array}{c} & & \\ & + & + & + & + \\ & + & + & + & +$	REMOVED.
C			PROTECTED BY FIRE DAMPERS. PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIRES MATERIALS FOR PROTECTING 1-HOUR WALL ASSEMBLIES. PENETRATION ARE REQUIRED TO BE FILLED ON BOTH SIDES OF THE PENETRATION.	AREA NOT INCLUDED IN CONTRACT	
			DOORS*: ALL DOORS REQUIRE THE FOLLOWING: 1. LABELED FRAMES (NFPA 80 4.2.1)		
			<ol> <li>LABELED 3/4 OR 1-HOUR DOOR (NFPA 80 4.3.1)*</li> <li>MAXIMUM 100 SQ. IN. WINDOW (NFPA 80 4.4.5)</li> <li>POSITIVE LATCHING (NFPA 80 6.4.1.4)</li> </ol>		
			<ol> <li>5. SELF CLOSING OR AUTOMATIC CLOSING (NFPA 80 6.4.1)</li> <li>6. COORDINATING DEVICES REQUIRED (NFPA 80 6.4.1.2.1)</li> </ol>		
			<ol> <li>MAXIMUM 1/8" GAP (NFPA 80 6.3.1.7.3)</li> <li>MAXIMUM 3/4" UNDERCUT (NFPA 80 4.8.4.1)</li> <li>MAXIMUM 16" PROTECTIVE PLATE (NFPA 80 6.4.5.1)</li> </ol>		
			<ol> <li>SWING IN PRIMARY DIRECTION OF TRAVEL (NFPA 101 18/19.2.2.2).</li> <li>PERIODIC INSPECTION AND TESTING SHALL BE PERFORM</li> </ol>	MED	
:43 AM			AT AT LEAST ANNUALLY (NFPA 80 5.2.4.1) * 1-HOUR DOORS ARE REQUIRED IN STAIRWELLS THAT ARE 3 STORIES LESS.		
2024 10:3 <sup>-</sup>			2-HOUR FIRE BARRIER		
1/9/1			THIS APPLIES TO OCCUPANCY SEPARATION WALLS, HORIZONTAL EXITS AND STAIRWELLS OF 4 OR MORE STORIES. WALL: WALL EXTENDS FROM FLOOR TO DECK ABOVE.		
			DUCTS: ALL DUCT PENETRATIONS ARE PROTECTED BY FIRE DAMPERS. PENETRATIONS: ALL PENETRATIONS ARE SEALED WITH LISTED FIREST MATERIALS FOR PROTECTING 2-HOUR WALL ASSEMBLIES. PENETRATION	TOP ONS	
			ARE REQUIRED TO BE FILLED ON BOTH SIDES OF THE PENETRATIONS. DOORS: ALL DOORS REQUIRE THE FOLLOWING: 1. LABELED FRAMES (NFPA 80 4.2.1)		
			<ol> <li>LABELED 1 1/2 HOUR DOOR (NFPA 80 4.3.1)</li> <li>MAXIMUM 100 SQ. IN. WINDOW (NFPA 80 4.4.5)</li> </ol>		
			<ol> <li>POSITIVE LATCHING (NFPA 80 6.4.1.4)</li> <li>SELF CLOSING OR AUTOMATIC CLOSING (NFPA 80 6.4.1)</li> <li>COORDINATING DEVICES REQUIRED (NFPA 80 6.4.1.2.1)</li> </ol>	,	
			<ol> <li>MAXIMUM 1/8" GAP (NFPA 80 6.3.1.7.3)</li> <li>MAXIMUM 3/4" UNDERCUT (NFPA 80 4.8.4.1)</li> </ol>		
_			<ol> <li>MAXIMUM 16" PROTECTIVE PLATE (NFPA 80 6.4.5.1)</li> <li>SWING IN PRIMARY DIRECTION OF TRAVEL (NFPA 101 18/19.2.2.2).</li> </ol>		
E			11. PERIODIC INSPECTION AND TESTING SHALL BE PERFORM AT AT EAST ANNUALLY (NFPA 80 5.2.4.1)	NED	
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QUIRED TO MAINTAIN ALL RATED PARTITIONS. RTITION NOTES BELOW. OF EGRESS EXIT SIGN EXTINGUISHER IET	<ol> <li>REVIEW THE DEMOLITION DRAWING IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF DEMOLITION WORK.</li> <li>REFER TO SHEETS GI-012 FOR GENERAL DEMOLITION NOTES.</li> <li>REFER TO REFLECTED CEILING DEMOLITION PLAN FOR DEMOLITION WORK AT CEILING.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS, CEILINGS, FLOORS, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS, FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN ON THE DEMOLITION PLAN THAT ARE A PART OF THE</li> </ol>	<ol> <li>REVIEW THE DEMOLITION PROTECTION, PLUMBING SCOPE OF DEMOLITION</li> <li>REFER TO SHEET GI-012 NOTES.</li> <li>IN AREAS OF NEW WORK CEILINGS SHALL NOT BE EXISTING SUSPENSION S</li> <li>REMOVE ALL POWER WIF</li> </ol>
<b>D PARTITION NOTES</b> <u>ERS</u> 1 HOUR FIRE RESISTANCE RATING. (NFPA 101,	DEMOLITION WORK, BUT NOT LIMITED TO, ARE CASEWORK, SHELVING, DOOR HARDWARE, MISC. HARDWARE, SIGNAGE, FLOORING, WALL BASE, WOOD GROUNDS, WALL COVERING MATERIALS, REMAINING MASTIC AND SEALANTS, EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, CHAIR RAILS, BRACKETS, HOOKS, ETC.	ASSOCIATED WITH REMO RESPECTIVE POWER PAI 5. ALL EXISTING SPRINKLEI SHALL BE REPLACED WIT
S FROM FLOOR TO DECK ABOVE. NETRATIONS ARE PROTECTED BY SMOKE DAMPERS. NOT REQUIRED WHERE ADJACENT SMOKE	<ol> <li>VERIFY EXISTING CONDITIONS AND PROMPTLY REPORT ANY DRAWING DISCREPANCIES TO THE COR AND ARCHITECT.</li> <li>ALL CONSTRUCTION TO REMAIN THAT IS AFFECTED BY DEMOLITION SHALL BE PATCHED, PLASTERED AND BE PROPERLY MEMBERED AND ALIGNED SO AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIR.</li> </ol>	
E NOT REQUIRED WHERE ADJACENT SMOKE E PROTECTED BY QUICK RESPONSE SPRINKLERS COMPARTMENT. PENETRATIONS ARE TO BE SEALED WITH LISTED S FOR PROTECTING 1-HOUR FIRE AND SMOKE WALL RATIONS ARE TO BE FILLED ON BOTH SIDES OF THE	<ol> <li>DURING THE COURSE OF REMOVAL OF EXISTING FINISHES FROM ITEMS INDICATED TO REMAIN (FLOORS, WALLS, ETC.), THE SUBSTRATE BECOMES DAMAGED BEYOND REPAIR, REPLACE DAMAGE SECTION TO THE POINT WHERE NEW FINISHES CAN BE APPLIED WITHOUT DETECTION OF DAMAGED AREAS.</li> <li>WHERE WALLS HAVE BEEN REMOVED, FILL VOID IN FLOOR WITH CONCRETE FILL AS REQUIRED PRIOR TO PATCHING AND LEVELING FOR NEW FLOOR FINISHES.</li> </ol>	++ SUSPENDED ACOU ++ GRID AND HANGEF ++ LIGHT FIXTURE TO REFER TO ELECTR
FOR SMOKE BARRIERS REQUIRE THE FOLLOWING: .ED FRAME NUTE OR SOLID WOOD CORE (NFPA 101 18.3.7.6)	PLAN DEMOLITION LEGEND	RETURN TO BE RE REFER TO MECHAN
/IUM 1296 SQ. IN. WINDOW (NFPA 80 4.4.4) IVE LATCHING REQUIRED CLOSING OR AUTOMATIC CLOSING (NFPA 101 18.3.7.8)	EXISTING CONSTRUCTION TO REMAIN	REFER TO MECHAN
/IUM 1/8" GAP (NFPA 101 18.3.7.6.) /IUM 1" UNDERCUT (NFPA 101 19.3.6.3.4) /IUM 48" PROTECTIVE PLATE (NFPA 101 18.3.7.6) G IN DIRECTION OPPOSITE OF EACH OTHER (NFPA 101	EXISTING PARTITION TO BE REMOVED IN ITS ENTIRETY, INCLUDING WALL SWITCHES, OUTLETS, THERMOSTATS, ETC. PATCH ABUTTING WALLS, FLOORS AND CEILINGS AS REQUIRED. REMOVE EXISTING ITEMS SCHEDULED TO REMAIN AS NECESSARY TO ALLOW THE COMPLETE DEMOLITION OF SELECTED ITEMS. REPAIR/REPLACE	EXISTING SPRINKLI     PROTECTION DRAV
ට) E DOOR ASSEMBLIES SHALL BE TESTED AT LEAST ALLY (NFPA 105 5.2.1.1)	COMPLETE DEMOLITION OF SELECTED ITEMS. REPAIR/REPLACE EXISTING ITEMS ONCE DEMOLITION IS COMPLETED. EXISTING DOOR, HARDWARE AND FRAME TO BE REMOVED UNLESS	۲۰۰۰ 2' X 2' LIGHT FIXTUI دوجیت REFER TO ELECTR روستی COVERED DIFFUSE
R OUR FIRE RATED OCCUPANCY SEPARATIONS,	OTHERWISE NOTED. EXISTING DOOR TO REMAIN	
TAIRWELLS 3 STORIES OR LESS. DS FROM FLOOR TO DECK ABOVE. - DUCT PENETRATIONS NOT REQUIRED TO BE DAMPERS.	$\begin{array}{c} & & \\ & + & + & + \\ & + & + & + \\ & + & +$	REMOVED.
PENETRATIONS ARE SEALED WITH LISTED FIRESTOP TECTING 1-HOUR WALL ASSEMBLIES. PENETRATIONS	AREA NOT INCLUDED IN CONTRACT	





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AL RCP DEMOLITIC	N NOTES	G	ENERAL F	LOOR PLAN N	IOTES
MOLITION DRAWING IN CONJUNCTION WITH LUMBING, MECHANICAL AND ELECTRICAL DI DUITION WORK. T GI-012 FOR GENERAL DEMOLITION NOTES W WORK, REMOVE COMPLETELY ALL EXIST NOT BE ATTACHED TO EXISTING CEILING S ENSION SYSTEM ENTIRELY, INCLUDING HAN WER WIRING, CONDUITS, JUNCTION BOXES ITH REMOVED CEILING FIXTURES. REMOVE TO WER PANELS. PRINKLER HEADS WITHIN THE AREA(S) OF C ACED WITH NEW UPRIGHT SPRINKLER HEAD DED ACOUSTIC CEILING TILE, HANGERS TO BE REMOVED TURE TO BE REMOVED. D ELECTRICAL DRAWINGS. TO BE REMOVED. MECHANICAL DRAWINGS. AREA NOT INCLUDED IN CONTRACT SPRINKLER HEAD TO BE REPLACED. REFER ON DRAWINGS. IT FIXTURE TO BE REMOVED. DIFUSER TO BE REMOVED. DIFUSER TO BE REMOVED. OF PLASTER CEILING ABOVE LAY-IN ED.	RAWINGS FOR FULL , FIRE AND SAFETY NG CEILINGS. NEW YSTEMS. REMOVE GERS, TO INSTALL NEW. AND SUPPORT SYSTEMS VIRING BACK TO EILING DEMOLITION S. <b>N LEGEND</b>	2. ALL DI NOTEI 3. ALL NI CAREI NO EV FLOOF 4. CONTI WHER PREPA SHALL OWNE 5. PROVI COUN 6. DO NO DRAW 7. LEVEL FLOOF 8. EXISTI REMA SPRIN CEILIN 9. INSTA LATCH 10. IT SHA PROTE DEMO ADJAC PROTE DUSTE	PROTECTION, PLUMBING, SCOPE OF WORK. IMENSIONS ARE TO THE F D. EW CONSTRUCTION WHIC FUL MANNER BEING PROF (IDENCE OF PATCHING OF RS, AND CEILINGS AFFEC) RACTOR SHALL REPAIR A E CRACKS, DENTS, HOLE ARE SMOOTH SURFACE F BE RESTORED TO A "LIK ER'S ACCEPTANCE OF THE IDE SILICONE SEALANT JO TERTOPS TO A WALL SUF OT SCALE DRAWINGS. USF (ING REQUIREMENTS. . ENTIRE FLOOR WITH CEI RING. ING ROOMS WITH SUSPEN IN PROTECTED WHEN SUS KLERS SHALL BE CHANGI JG TILES ARE REMOVED. LL ALL DOORS WITH MINIE ALL BE THE RESPONSIBILI ECT EXISTING CONSTRUCT LITION AND CONSTRUCTI CENT TO AND INCLUDED I ECTED FROM DUST AND E PROOF PROTECTION. CONTRACTOR SHALL KEE DIFFERS FROM THE CON 'INGS/ AS BUILTS CAN BE IDED TO THE A/E FOR DIS ECT. RATINGS AT WALL AND FL UGHOUT THE CONSTRUCT ORARY MINERAL WOOL F TRUCTION TO PROVIDE F TOPPING IS INSTALLED.	OINTS AT JUNCTION OF ALL PLU RFACE. E THE GIVEN DIMENSIONS. COC MENT UNDERLAYMENT IN AREA NDED CEILINGS AND PENDENT SPENDED CEILINGS ARE REMO ED TO UPRIGHT SPRINKLERS PI MUM 18 INCHES CLEAR FROM IN H FACE OF WALL ON PULL SIDE ITY OF EACH CONTRACTOR TO CTION AND FINISHES TO REMAIN ION PHASES OF THE WORK. ALL IN THE AREAS OF CONSTRUCTION DIRT THROUGH THE USE OF CO EP ACCURATE RECORDS OF ALL TRACT DRAWINGS SO THAT ACC KEPT BY THE GENERAL CONTR STRIBUTION TO THE VA AT THE O COOR PENETRATIONS WILL BE N CTION PROCESS. CONTRACTOR TRESTOPPING IN THE OPEN PEN TIRE AND SMOKE PROTECTION U	DRAWINGS FOR ULESS OTHERWISE BE JOINED IN A ED SO AS TO LEAVE L EXISTING WALLS, CONSTRUCTION HAVE OCCURRED AND TO SUCH AREAS PRIOR TO THE JMBING FIXTURES & ORDINATE ALL SHOP AS TO RECEIVE SPRINKLERS SHALL VED. PENDENT RIOR TO WHEN NSIDE FACE OF OF DOOR. ADEQUATELY N IN PLACE DURING FINISHED AREAS ON SHALL BE PR APPROVED L CONCEALED WORK CURATE RECORD ACTOR AND COMPLETION OF THE MAINTAINED SHALL PROVIDE NETRATIONS DURING UNTIL PERMANENT
				RTITION LEG	END
		CONTRACTO	IR IS REQUIRED TO MAINT	TAIN ALL RATED PARTITIONS.	
					RE BARRIER (EXISTING)
			■ ■ 2 HR FIRE BARRIER	R SMOKE	, , , , , , , , , , , , , , , , , , ,
			FLOOR F	PLAN LEGE	:ND

EXISTING PARTITION WALL

NEW PARTITION WALL

AREA NOT INCLUDED IN CONTRACT

SEMI RECESSED FIRE EXTINGUISHER CABINET

BRACKET MOUNTED FIRE EXTINGUISHER

EXISTING DOOR

MATCHLINE

GENERAL RCP NOTES										
COF	/IEW THE REFLECTED CEILING PLAN DR RRESPONDING FIRE PROTECTION, PLUN AWINGS FOR FULL SCOPE OF WORK.									
CEI	ORDINATE WITH MECHANICAL AND ELEC LING ACCESS POINTS WHICH MAY BE RI CTRICAL SERVICE WORK.									
RE	FLECTED CEILIN	G PLA	N LEGEND							
	2X2 SUSPENDED ACOUSTIC CEILING	TILE								
	2' X 4' LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.	<b></b>	PENDANT LIGHT FIXTURE REFER TO ELECTRICAL DRAWINGS.							
	RETURN REGISTER REFER TO MECHANICAL DRAWINGS.		4' SURFACE MOUNTED LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.							
$\square$	SUPPLY DIFFUSER. REFER TO MECHANICAL DRAWINGS.		LLEO MICAL DIVAWINGO.							
	AREA NOT INCLUDED IN CONTRACT		GYPSUM BOARD CEILING SYSTEM							
۲	EXISTING SPRINKLER HEAD TO BE RE DRAWINGS.	EPLACED. REF	ER TO FIRE PROTECTION							

Office of Instruction	Drawing Title GENERAL - GENERAL SYMBOLS	NOTES &		Phase ISSUE FOR BID	Project Title EHRM INFRAS <sup>-</sup> UPGRADES - T			SUE FOR BID - 01/16/2024 Project Number 437-21-210 Building Number
nagement	Approved: Project Director			BUILDING FULLY	Location FARGO VA HEA	ALTH CARE	SYSTEM	Drawing Number
U.S. Department of Veterans Affairs				SPRINKLERED	Issue Date 01/16/2024	Checked DA	Drawn JM	GI-013
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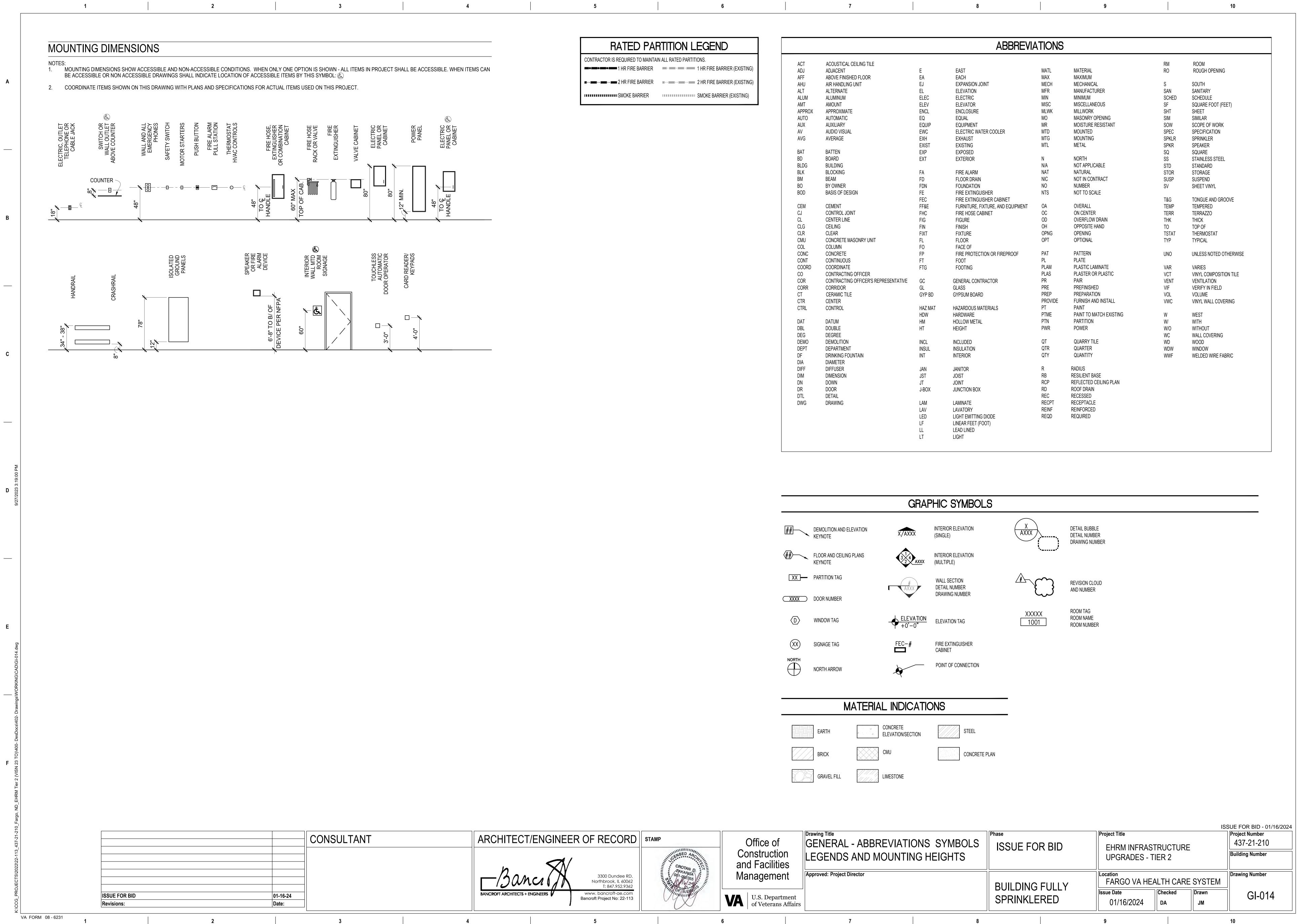
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ABBREVIATIONS						
ACT	ACOUSTICAL CEILING TILE					RM
ADJ	ACCOSTICAL CEILING TILL	E	EAST	MATL	MATERIAL	RO
AFF	ABOVE FINISHED FLOOR	EA	EACH	MAX	MAXIMUM	NU
			EXPANSION JOINT			c
AHU	AIR HANDLING UNIT	EJ		MECH	MECHANICAL	S
ALT	ALTERNATE	EL	ELEVATION	MFR	MANUFACTURER	SAN
ALUM	ALUMINUM	ELEC	ELECTRIC	MIN	MINIMUM	SCH
AMT	AMOUNT	ELEV	ELEVATOR	MISC	MISCELLANEOUS	SF
APPROX	APPROXIMATE	ENCL	ENCLOSURE	MLWK	MILLWORK	SHT
AUTO	AUTOMATIC	EQ	EQUAL	MO	MASONRY OPENING	SIM
AUX	AUXILIARY	EQUIP	EQUIPMENT	MR	MOISTURE RESISTANT	SOW
AV	AUDIO VISUAL	EWC	ELECTRIC WATER COOLER	MTD	MOUNTED	SPE
AVG	AVERAGE	EXH	EXHAUST	MTG	MOUNTING	SPKI
		EXIST	EXISTING	MTL	METAL	SPK
BAT	BATTEN	EXP	EXPOSED			SQ
BD	BOARD	EXT	EXTERIOR	Ν	NORTH	SS
BLDG	BUILDING			N/A	NOT APPLICABLE	STD
BLK	BLOCKING	FA	FIRE ALARM	NAT	NATURAL	STO
BM	BEAM	FD	FLOOR DRAIN	NIC	NOT IN CONTRACT	SUSI
BO	BY OWNER	FDN	FOUNDATION	NO	NUMBER	SV
BOD	BASIS OF DESIGN	FE	FIRE EXTINGUISHER	NTS	NOT TO SCALE	01
202		FEC	FIRE EXTINGUISHER CABINET	in o		T&G
CEM	CEMENT	FF&E	FURNITURE, FIXTURE, AND EQUIPMENT	OA	OVERALL	TEMI
CJ	CONTROL JOINT	FHC	FIRE HOSE CABINET	00	ON CENTER	TERF
CL	CENTER LINE	FIG		OD	OVERFLOW DRAIN	
			FIGURE	OH	OPPOSITE HAND	THK
CLG	CEILING	FIN	FINISH			TO
CLR		FIXT	FIXTURE	OPNG	OPENING	TSTA
CMU	CONCRETE MASONRY UNIT	FL	FLOOR	OPT	OPTIONAL	TYP
COL	COLUMN	FO	FACE OF	DAT		
CONC	CONCRETE	FP	FIRE PROTECTION OR FIREPROOF	PAT	PATTERN	UNO
CONT	CONTINUOUS	FT	FOOT	PL	PLATE	
COORD	COORDINATE	FTG	FOOTING	PLAM	PLASTIC LAMINATE	VAR
CO	CONTRACTING OFFICER			PLAS	PLASTER OR PLASTIC	VCT
COR	CONTRACTING OFFICER'S REPRESENTATIVE	GC	GENERAL CONTRACTOR	PR	PAIR	VEN
CORR	CORRIDOR	GL	GLASS	PRE	PREFINISHED	VIF
СТ	CERAMIC TILE	GYP BD	GYPSUM BOARD	PREP	PREPARATION	VOL
CTR	CENTER			PROVIDE	FURNISH AND INSTALL	VWC
CTRL	CONTROL	HAZ MAT	HAZARDOUS MATERIALS	PT	PAINT	
		HDW	HARDWARE	PTME	PAINT TO MATCH EXISTING	W
DAT	DATUM	HM	HOLLOW METAL	PTN	PARTITION	W/
DBL	DOUBLE	HT	HEIGHT	PWR	POWER	W/O
DEG	DEGREE					WC
DEMO	DEMOLITION	INCL	INCLUDED	QT	QUARRY TILE	WD
DEPT	DEPARTMENT	INSUL	INSULATION	QTR	QUARTER	WDW
DF	DRINKING FOUNTAIN	INT	INTERIOR	QTY	QUANTITY	WWF
DIA	DIAMETER			Q		****
DIFF	DIFFUSER	JAN	JANITOR	R	RADIUS	
DIN	DIMENSION	JST	JOIST	RB	RESILIENT BASE	
				RCP	REFLECTED CEILING PLAN	
DN	DOWN	JT	JOINT			
DR	DOOR	J-BOX	JUNCTION BOX	RD		
DTL	DETAIL			REC	RECESSED	
DWG	DRAWING	LAM	LAMINATE	RECPT	RECEPTACLE	
		LAV	LAVATORY	REINF	REINFORCED	
		LED	LIGHT EMITTING DIODE	REQD	REQUIRED	
		LF	LINEAR FEET (FOOT)			
		LL	LEAD LINED			
		IT	LIGHT			

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