

# EXPAND MENTAL HEALTH CLINIC

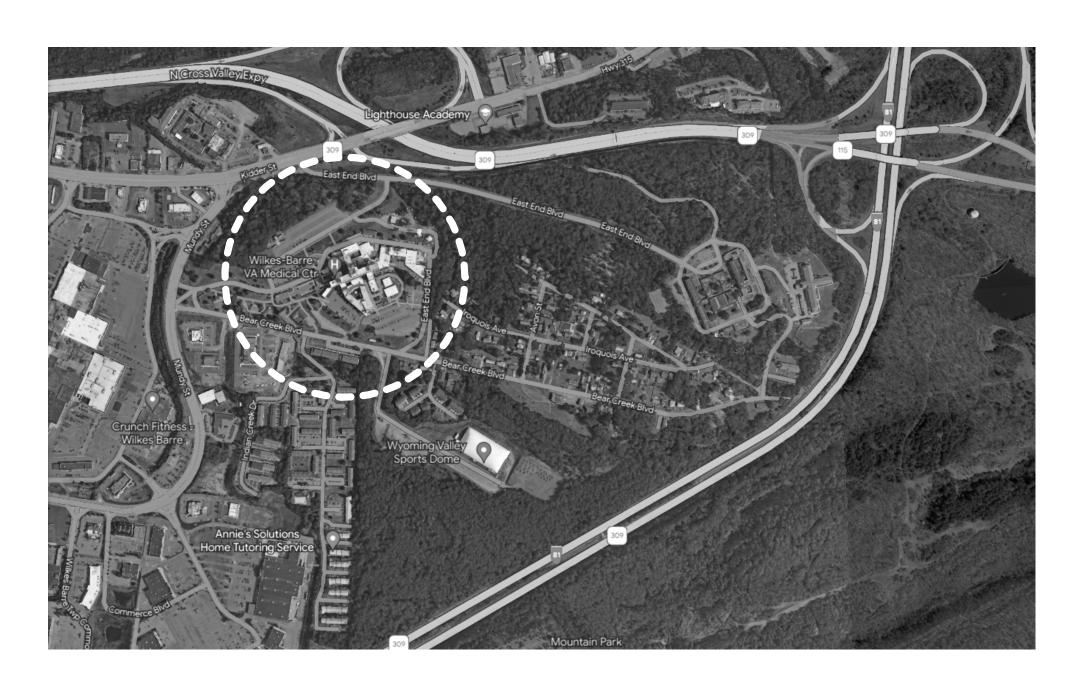
WILKES-BARRE VA MEDICAL CENTER 1111 EAST END BLVD WILKES-BARRE, PA 18711

VA PROJECT #: 693-352

PROJECT IMAGE



### **LOCATION MAP**



#### **DRAWING LIST DRAWING LIST DRAWING LIST** ROOM FINISH SCHEDULE, GENERAL NOTES AND ABBREVIATIONS E-001 ELECTRICAL GENERAL NOTES, SYMBOL LEGENDS, AND ABBREVIATIONS FIRST FLOOR FINISH AND WALL PROTECTION PLAN - AREA A ED101A FIRST FLOOR ELECTRICAL DEMOLITION PLAN - AREA A SECOND FLOOR LIFE SAFETY PLAN PHASING PLANS, DEDUCTIVE ALTERNATES AND NOTES SITE, PAVING, GRADING, & UTILITIES PLAN INTERIOR ELEVATIONS-WALL PROTECTION EM102A SECOND FLOOR MECHANICAL POWER PLAN - AREA A CIVIL DETAILS INTERIOR ELEVATIONS - WALL PROTECTION EM102B SECOND FLOOR MECHANICAL POWER PLAN - AREA B EL111A FIRST FLOOR LIGHTING PLAN - AREA A LP101 LANDSCAPE PLAN INTERIOR ELEVATIONS - EQUIPMENT INTERIOR ELEVATIONS - EQUIPMENT LP501 LANDSCAPE DETAILS EL111B FIRST FLOOR LIGHTING PLAN - AREA B EL112A SECOND AND GROUND FLOOR LIGHTING PLANS - AREA A STRUCTURAL FIRST FLOOR EQUIPMENT PLAN - AREA A FIRST FLOOR EQUIPMENT PLAN - AREA B EL112B SECOND FLOOR LIGHTING PLAN - AREA B GENERAL NOTES WIND C&C SECOND FLOOR EQUIPMENT PLAN- AREAS A AND B E-501 ELECTRICAL DETAILS ENLARGED FIRST FLOOR EQUIPMENT PLAN - AREA A.1 LOADING DIAGRAM ELECTRICAL SCHEDULES ENLARGED FIRST FLOOR EQUIPMENT PLAN - AREAS A.2 AND B FOUNDATION PLAN - AREA A E-602 ELECTRICAL SCHEDULES ENLARGED FIRST FLOOR EQUIPMENT PLAN - AREA A.3 E-603 ELECTRICAL SCHEDULES ROOF FRAMING PLAN - AREA A WALKWAY ENCLOSURE FRAMING PLAN - AREA A ENLARGED SECOND FLOOR- POLICE SECURITY - AREA A E-604 ELECTRICAL SCHEDULES AHU ENCLOSURE FRAMING PLAN - AREA B ENLARGED EQUIPMENT PLANS TECHNOLOGY ENLARGED EQUIPMENT PLANS S-105 OPERABLE FRAMING - AREA B TECHNOLOGY GENERAL NOTES, SYMBOL LEGEND, AND ABBREVIATIONS FOUNDATION DETAILS ENLARGED EQUIPMENT PLANS T-101A FIRST FLOOR TECHNOLOGY PLAN - AREA A MASONRY DETAILS ENLARGED EQUIPMENT PLANS T-101B FIRST FLOOR TECHNOLOGY PLAN - AREA B STEEL FRAMING DETAILS ENLARGED TOILET PLANS AND ELEVATIONS T-102A SECOND FLOOR TECHNOLOGY PLAN - AREA A STEEL FRAMING ELEVATIONS ENLARGED TOILET PLANS AND ELEVATIONS T-102B SECOND FLOOR TECHNOLOGY PLAN - AREA B S-503 STEEL FRAMING ELEVATIONS ENLARGED TOILET PLANS AND ELEVATIONS TECHNOLOGY ENLARGEMENTS ENLARGED TOILET PLANS AND ELEVATIONS ARCHITECTURAL TECHNOLOGY DETAILS ARCHITECTURAL SYMBOLS, ABBREVIATIONS AND NOTES I-501 INTERIOR DETAILS TECHNOLOGY RISERS AD100 GROUND FLOOR DEMOLITION PLAN AND REFERENCE PHOTOS EQUIPMENT SCHEDULE AD100A GROUND FLOOR DEMOLITION PLAN - AREA A EQUIPMENT SCHEDULE FA001 FIRE ALARM GENERAL NOTES, SYMBOL LEGEND, AND RISER AD100B GROUND FLOOR DEMOLITION PLAN - AREA B FA101A FIRST FLOOR FIRE ALARM PLAN - AREA A FIRE SUPPRESSION AD101 FIRST FLOOR DEMOLITION PLAN AND REFERENCE PHOTOS FA101B FIRST FLOOR FIRE ALARM PLAN - AREA B FX001 FIRE SUPPRESSION GENERAL INFORMATION AD101A FIRST FLOOR DEMOLITION PLAN - AREA A FK101A FIRST FLOOR AND CRAWL SPACE FIRE SUPPRESSION DEMOLITION PLAN - AREA A FA102A SECOND FLOOR FIRE ALARM PLAN - AREA A AD101B FIRST FLOOR DEMOLITION PLAN - AREA B FK101B FIRST FLOOR FIRE SUPPRESSION DEMOLITION PLAN - AREA B FA102B SECOND FLOOR FIRE ALARM PLAN - AREA B AD102 SECOND FLOOR DEMOLITION PLAN AND REFERENCE PHOTOS FK102AB SECOND FLOOR FIRE SUPPRESSION DEMOLITION PLAN - AREA A AND B AD102A SECOND FLOOR DEMOLITION PLAN AND SECTIONS- AREA A FX101A FIRST FLOOR FIRE SUPPRESSION PLAN AND CRAWL SPACE FIRE SUPPRESSION PLAN - AREA A **GENERAL SYMBOL LEGEND** AD102B SECOND FLOOR DEMOLITION PLAN AND SECTIONS - AREA B FX101B FIRST FLOOR FIRE SUPPRESSION PLAN - AREA B A-100 GROUND FLOOR PLANS FX102AB SECOND FLOOR FIRE SUPPRESSION PLAN - AREA A AND B A-101 FIRST FLOOR PLAN PLUMBING DEDUCT ALTERNATE -P-001 PLUMBING GENERAL INFORMATION A-101A FIRST FLOOR PLAN - AREA A SEE SHEET G-008 A-101A.1 FIRST FLOOR DIMENSION PLAN - AREA A PD100A GROUND FLOOR PLUMBING DEMOLITION PLAN - AREA A WALL SECTION A-101B FIRST FLOOR PLAN - AREA B PD100B GROUND FLOOR PLUMBING DEMOLITION PLAN - AREA B PAGE# **NEW COLUMN GRID** A-101B.1 FIRST FLOOR DIMENSION PLAN - AREA B PD101A FIRST FLOOR DOMESTIC WATER DEMOLITION PLAN - AREA A A-102 SECOND FLOOR / ROOF / PENTHOUSE PLAN PD101B FIRST FLOOR DOMESTIC WATER DEMOLITION PLAN - AREA B A-102A SECOND FLOOR / ROOF PLANS - AREA A PD102AB SECOND FLOOR DOMESTIC WATER DEMOLITION - AREAS A AND B **EXISTING COLUMN GRID** A-102B SECOND FLOOR AND PENTHOUSE ROOF PLANS - AREA B PD111A FIRST FLOOR PLUMBING DEMOLITION PLAN - AREA A A-111 FIRST FLOOR REFLECTED CEILING PLAN PD111B FIRST FLOOR PLUMBING DEMOLITION PLAN - AREA B A-111A FIRST FLOOR REFLECTED CEILING PLAN - AREA A PD112AB SECOND FLOOR SANITARY AND VENT DEMOLITION PLAN - AREAS A AND B **ELEVATION SYMBOL BUILDING SECTION** A-111B FIRST FLOOR REFLECTED CEILING PLAN - AREA B P-100A GROUND FLOOR PLUMBING PLAN - AREA A SYMBOL A-112 SECOND FLOOR REFLECTED CEILING PLAN P-100B GROUND FLOOR PLUMBING PLAN - AREA B PAGE# A-112A SECOND FLOOR REFLECTED CEILING PLAN - AREA A PP101A FIRST FLOOR DOMESTIC WATER PLAN - AREA A A-112B SECOND FLOOR REFLECTED CEILING PLAN - AREA B PP101B FIRST FLOOR DOMESTIC WATER PLAN - AREA B, AND ENLARGED DOMESTIC WATER PLAN ROOM ROOM DESIGNATION EXTERIOR ELEVATIONS PP102AB SECOND FLOOR DOMESTIC WATER PLAN - AREAS A AND B SYMBOL 101A EXTERIOR ELEVATIONS PW101A FIRST FLOOR DRAIN, WASTE, AND VENT PLAN - AREA A EXTERIOR ELEVATIONS PW101B FIRST FLOOR DRAIN, WASTE, AND VENT PLAN - AREA B, AND ENLARGED DRAIN, WASTE, AND EXTERIOR ELEVATIONS ROOM PW102AB SECOND FLOOR DRAIN, WASTE, AND VENT PLAN - AREAS A AND B EXISTING ROOM BUILDING SECTIONS AT MENTAL HEALTH ADDITION **DESIGNATION SYMBOL** PW103B ROOF DRAIN PLAN - AHU ENCLOSURE BUILDING SECTIONS AT MENTAL HEALTH ADDITION P-501 PLUMBING DETAILS BUILDING SECTIONS AT AHU ENCLOSURE P-601 PLUMBING SCHEDULES A-311 WALL SECTIONS DETAIL SECTION ROOF SLOPE P-901 DRAIN, WASTE, AND VENT PIPE RISERS - AREAS A AND B WALL SECTIONS DIRECTION SYMBOL P-902 DOMESTIC PIPE RISERS - AREAS A AND B WALL SECTIONS PAGE#/ MECHANICAL WALL SECTIONS M-001 MECHANICAL GENERAL INFORMATION WALL SECTIONS **REVISION NOTE** MD101A FIRST FLOOR MECHANICAL DEMOLITION PLAN - AREA A A-316 WALL SECTIONS MD101B FIRST FLOOR MECHANICAL DEMOLITION PLAN - AREA B WALL SECTIONS MD102 SECOND FLOOR MECHANICAL DEMOLITION PLAN WALL SECTIONS AND DETAILS AND AHU ENCLOSURE BREAK LINE MH101A FIRST FLOOR HVAC PLAN - AREA A AND SECOND FLOOR EXIT CORRIDOR ENLARGED PLANS MH101B FIRST FLOOR HVAC PLAN - AREA B DETAIL # ENLARGED PLANS MH102 SECOND FLOOR HVAC PLAN PARTITION TYPES INTERIOR ELEVATION **ENLARGED DETAIL** MP101A FIRST FLOOR MECHANICAL PIPING PLAN - AREA A COLUMN PLAN DETAILS PAGE # MP101B FIRST FLOOR MECHANICAL PIPING PLAN - AREA B A-503 PLAN DETAILS MP102 SECOND FLOOR MECHANICAL PIPING PLAN SECTION DETAILS M-401 ENLARGED MECHANICAL PLANS MISCELLANEOUS DETAILS M-501 MECHANICAL DETAILS DOOR SCHEDULE, ELEVATIONS AND DETAILS M-502 MECHANICAL DETAILS WINDOW SCHEDULE, ELEVATIONS AND DETAILS MECHANICAL CONTROLS 3D VIEWS M-504 MECHANICAL CONTROLS M-601 MECHANICAL SCHEDULES

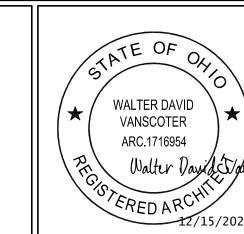
CONSULTANTS:

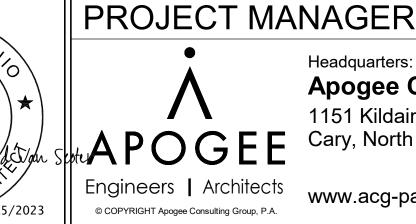
FORESITE GROUP, LLC www.fg-inc.net 2101 Magnolia Avenue, Suite 100 Birmingham, AL 35205

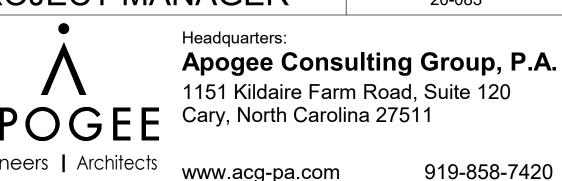
o | 205.397.0370 ext. 360 f | 844.272.0997 c | 256.572.7987











ACG Project Number

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title

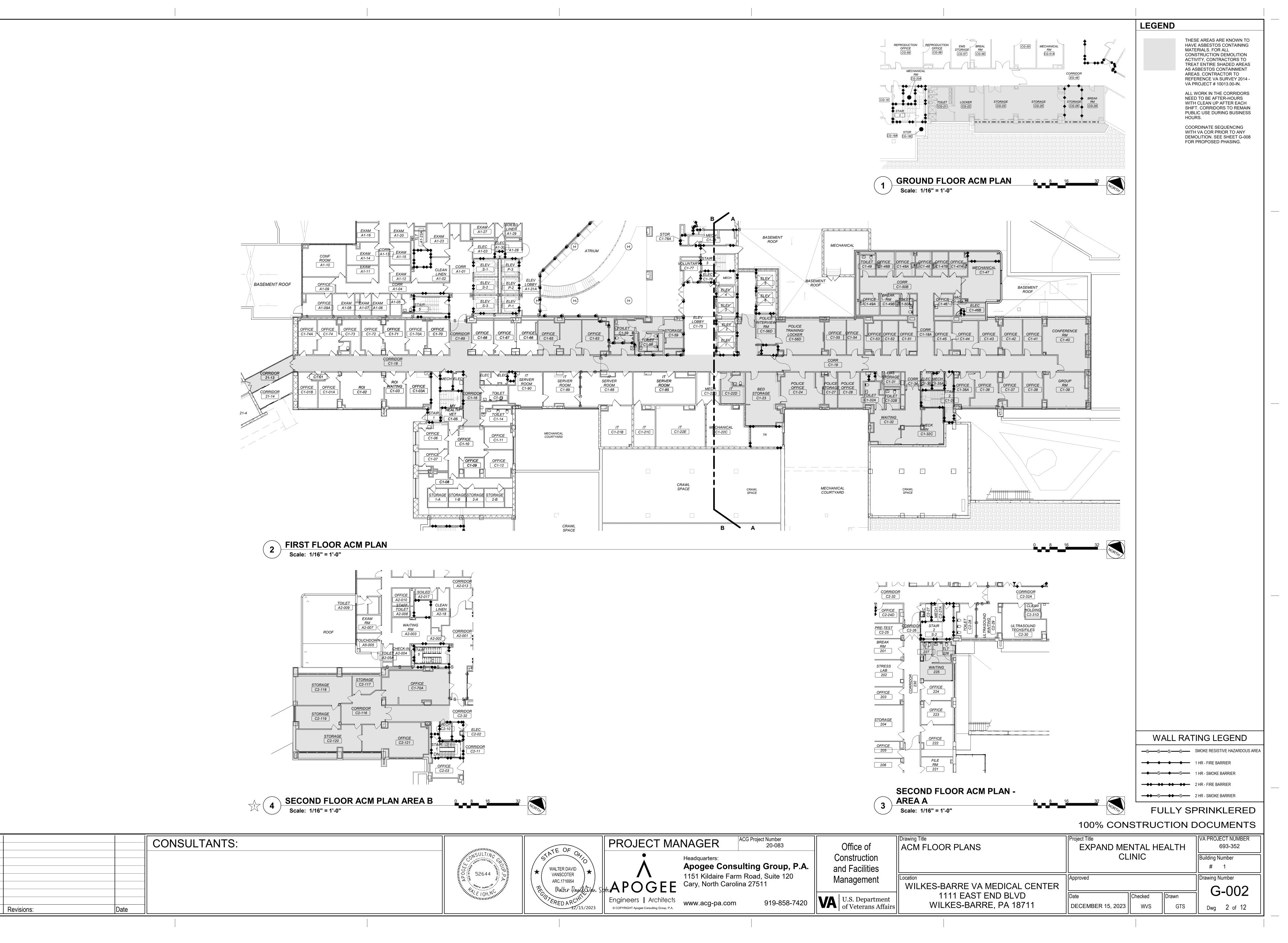
||COVER WILKES-BARRE VA MEDICAL CENTER 1111 EAST END BLVD

100% CONSTRUCTION DOCUMENTS VA PROJECT NUMBER **EXPAND MENTAL HEALTH** 693-352 CLINIC Building Number Drawing Number G-001 Drawn Checked WILKES-BARRE, PA 18711 DECEMBER 15, 2023 GTS WVS Dwg 1 of 12

**FULLY SPRINKLERED** 

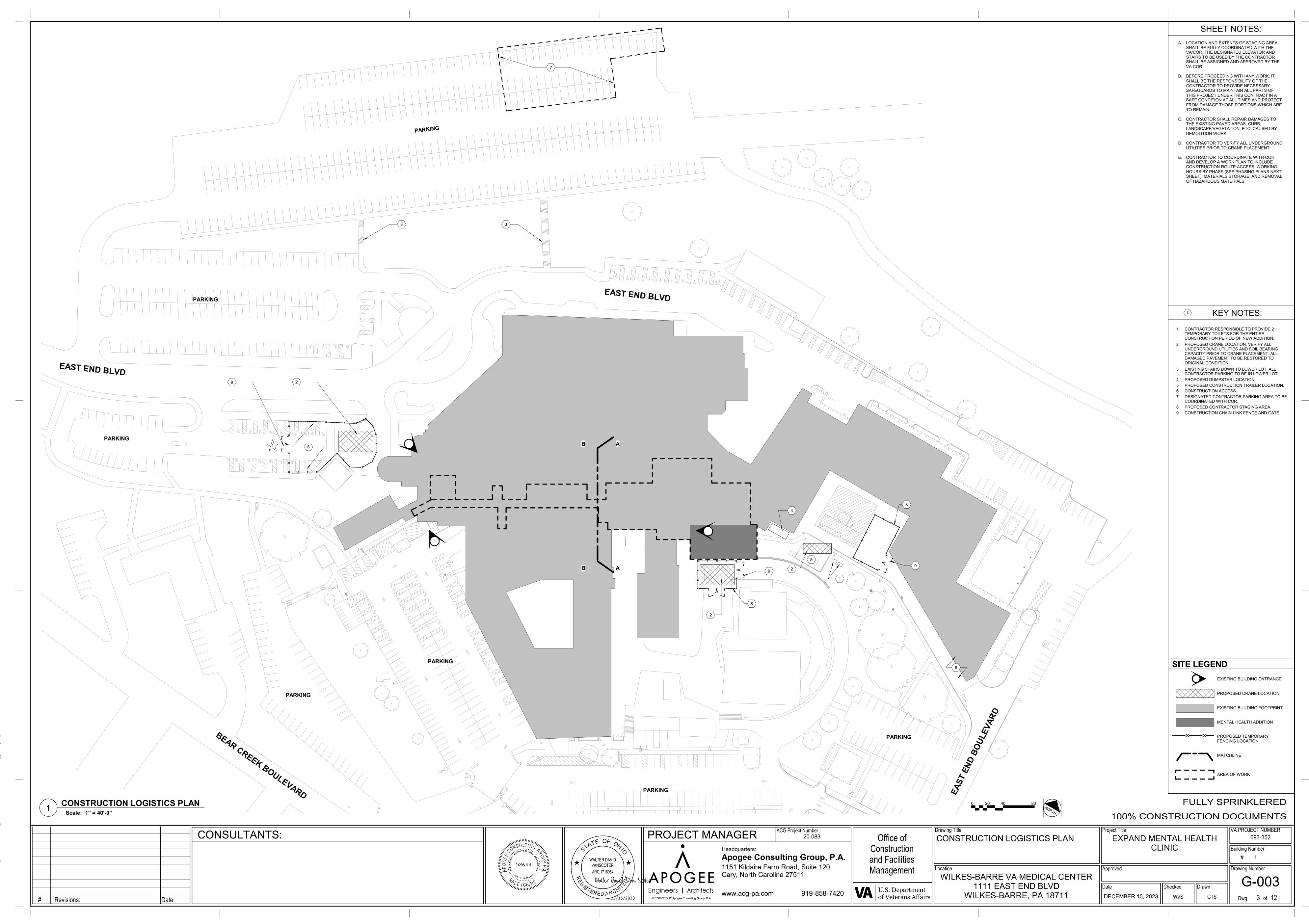
VA FORM 08-6231

Revisions:



es Barre Mental Health ascott@aca-ba.com

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### CODE SUMMARY - WILKES-BARRE VAMC

NAME OF PROJECT: WILKES-BARRE - EXPAND MENTAL HEALTH CLINIC 1111 EAST END BLVD, WILKES-BARRE, PA **HEALTHCARE** PROPOSED USE UNITED STATES DEPTARTMENT OF VETERAN AFFAIRS OWNER OR

OWNED BY: FEDERAL CITY/COUNTY PRIVATE STATE CODE ENFORCEMENT JURISDICTION: FEDERAL DEPT OF VETERAN AFFAIRS

COUNTY

CITY

**DESIGN** PROFESSIONAL FIRM ARCHITECTURAL: (770) 368-1399 FORESITE GROUP ELECTRICAL: APOGEE CONSULTING JOHN KEVIN MASON APOGEE CONSULTING FIRE ALARM: JOHN KEVIN MASON 0402064126 (919) 535-3769 PLUMBING: APOGEE CONSULTING 040264126 (919) 535-3769 PROTECTION: STRUCTURAL: RETAINING

WALLS >5' HIGH: OTHER: **X** ADDITION UPFIT RENOVATION HOSPITAL ORIGINAL USE(S): CURRENT USE(S):

EXISTING BUILDING DATA (NFPA 220):

PROPOSED USE(S)

CONSTRUCTION TYPE:  $\square$  I (442)  $\boxtimes$  I (332)  $\square$  II (222)  $\square$  II (111)  $\square$  II (000) (ASSUMED EXISTING TYPE) 

SPRINKLERS: NO YES NFPA 13 NFPA 13R NFPA 13D STANDPIPES: NO YES CLASS NFPA 13 NFPA 13R NFPA 13D FIRE DISTRICT: ⋈ NO ☐ YES

ACTUAL BUILDING HEIGHT: ALLOWABLE BUILDING HEIGHT: UNLIMITED FEET UNLIMITED STORIES (STORIES ABOVE LEVEL OF DISCHARGE PER NFPA 101 4.6.3)

MEZZANINE:  $\square$  NO  $\square$  YES HIGH RISE: NO X YES CENTRAL REFERENCE SHEET #

MIXED OCCUPANCY:

OCCUPANCY

NO XYES SEPARATION:\_\_\_\_HR. EXCEPTION:\_

### BUILDING AREA

		BC	ILDING AREA		
		OCCUPANCY	BLDG AREA PER STORY (ACTUAL)		
		PRIMARY	SECONDARY BASED OFF 2017 LSA	PRIMARY	SECONDARY BASED OFF 2017 LSA
11	HEALTHCARE		137		13,788
10	HEALTHCARE		210		21,044
9	BUSINESS		196		21,914
8	BUSINESS		287		26,680
7	HEALTHCARE		233		29,714
6	HEALTHCARE		305		30,543
5	BUSINESS		425		42,886
4	BUSINESS		563		81,701
3	HEALTHCARE		747		78,355
2	HEALTHCARE		831		91,011
1	BUSINESS		805		80,210
G	BUSINESS		1.328		132,647

### FIRE PROTECTION REQUIREMENTS \*

LIFE SAFETY PLAN SHEET #: G-005, G-006, G-007

PROJECT DESCRIPTION:

FIRST FLOOR RENOVATION OF 12,938 S.F. EXISTING SPACE AND NEW 3,726 S.F. ADDITION FOR A NEW MENTAL HEALTH OUTPATIENT DEPARTMENT. SECOND FLOOR RENOVATION OF 2,890 S.F. EXISTING SPACE TO CREATE A NEW POLICE OFFICE.

	FIRE	RA.	ΓING	DETAIL#	
BUILDING ELEMENT	SEPARATION DISTANCE (FEET)	REQ'D (HRS)	PROVIDED	AND SHEET #	
STRUCTURAL FRAME, INCLUDING COLUMNS, GIRDERS, TRUSSES		2	2		
BEARING WALLS		N/A			
EXTERIOR		N/A			
INTERIOR		N/A			
FLOOR CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND DECKING		2	2	-	
ROOF CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND DECKING		1.5	1.5		
SHAFTS-EXIT		2			
SHAFTS-OTHER		2			
CORR. SEP.		0			
OCC'Y SEP. (C)		0			
PARTY/FIRE WALL SEP.		2		-	
SMOKE BARRIER SEPARATION		1			
TENANT SEP.		N/A			
INCID. USE SEP.		1			

\* INDICATE SECTION NUMBER PERMITTING REDUCTION

ALL NEW STRUCTURAL STEEL COLUMNS AT THE MENTAL HEALTH ADDITION TO BE FIREPROOFED VIA INTUMESCENT PAINT. SUBMITTAL REQUIRED.

ALL NEW ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND DECKING AT THE MENTAL HEALTH ADDITION TO BE FIREPROOFED - CONTRACTOR'S CHOICE: ALL STRUCTURAL STEEL AND NEW ROOF DECKING AT AHU ENCLOSURE TO BE

FIREPROOFED VIA INUMESCENT PAINT. SUBMITTAL REQUIRED.

### LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING:	☐ NO	X YES	
EXIT SIGNS:	☐ NO	X YES	
FIRE ALARM:	☐ NO	X YES	
SMOKE DETECTION SYSTEMS:	☐ NO	X YES	PARTIAL
PANIC HARDWARE:	NO NO	X YES	

### LIFE SAFETY PLAN REQUIREMENTS

FIRE AND/OR SMOKE RATED WALL LOCATIONS

ASSUMED AND REAL PROPERTY LINE LOCATIONS

EXTERIOR WALL OPNEING AREA WITH RESPECT TO DISTANCE TO ASSUMED

EXISTING STRUCTURES WITHIN 30' OF THE PROPOSED BUILDING

OCCUPANCY TYPES FOR EACH AREA

OCCUPANT LOADS FOR EACH AREA

EXIT ACCESS TRAVEL DISTANCES

COMMON PATH OF TRAVEL DISTANCE

DEAD END LENGTHS

CLEAR EXIT WIDTHS FOR EACH EXIT DOOR

MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH

ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR

A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR/ CEILING AND/OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF

OCCUPANCY SEPARATION

LOCATION OF DOORS WITH PANIC HARDWARE

LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY

LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS

LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES

LOCATION OF EMERGENCY ESCAPE WINDOWS THE SQUARE FOOTAGE OF EACH FIRE AREA

THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT

NOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE

> STRUCTURAL DESIGN - SEE STRUCTURAL DRAWINGS MECHANICAL SUMMARY - SEE MECHANICAL DRAWINGS ELECTRICAL SUMMARY - SEE ELECTRICAL DRAWINGS

SEE SHEET S-001 FOR STRUCTURAL CODE AND DESIGN CRITERIA

### CODE SUMMARY -WILKES-BARRE VAMC FIRST FLOOR OUTPATIENT METAL HEALTH AREA

SCOPE TYPE: NEW COM	ISTRUCTION	ADDITION	UPFIT		
RECONSTRUCTION	ALTERATION	REPAIR	RENOVATION		
CONSTRUCTED: 1949	ORIGINAL U	SE(S):	HEALTHCARE		
ADDITION:	CURRENT U	SE(S):	HEALTHCARE		
	PROPOSED U	` '	HEALTHCARE		
EXISTING BUILDING DATA (NFPA 220):					
CONSTRUCTION TYPE:	I (442) X I	(332) II (222)	☐ II (111) ☐ II (000)		
(ASSUMED EXISTING TYPE)	☐ III (211) ☐ II	II (200) IV (2HH)	V (111) V (000)		

STANDPIPES: NO YES CLASS NFPA 13 NFPA 13R NFPA 13D FIRE DISTRICT: ⋈ NO ☐ YES **ACTUAL BUILDING HEIGHT:** 

ALLOWABLE BUILDING HEIGHT: UNLIMITED FEET UNLIMITED STORIES (STORIES ABOVE LEVEL OF DISCHARGE PER NFPA 101 4.6.3)

MEZZANINE:  $\square$  NO  $\square$  YES ☐ NO ☐ YES CENTRAL REFERENCE SHEET #

SPRINKLERS: NO X YES

GROSS BUILDING AREA: EXISTING (SQ FT) NEW (SQ FT) RENOVATED SUB-TOTAL ALLOWABLE UNLIMITED **GROUND** 

### NEW ADDITION BUILDING DATA (NFPA 220):

CONSTRUCTION TYPE:  $\Box$  I (442)  $\boxtimes$  I (332)  $\Box$  II (222)  $\Box$  II (111)  $\Box$  II (000) III (211) III (200) IV (2HH) V (111) V (000)

NFPA 13 NFPA 13R NFPA 13D SPRINKLERS: NO XYES STANDPIPES: NO YES CLASS NFPA 13 NFPA 13R NFPA 13D FIRE DISTRICT: NO YES

**ACTUAL BUILDING HEIGHT:** \_\_\_\_\_17 FEET \_\_\_\_2 # STORIES ALLOWABLE BUILDING HEIGHT: UNLIMITED FEET UNLIMITED# STORIES

(STORIES ABOVE LEVEL OF DISCHARGE PER NFPA 101 4.6.3)

MEZZANINE:  $\boxtimes$  NO  $\square$  YES HIGH RISE: X NO YES CENTRAL REFERENCE SHEET #

GROSS BUILDING AREA:

EXISTING (SQ FT) NEW (SQ FT) RENOVATED SUB-TOTAL ALLOWABLE UNLIMITED 15,220 18,917 UNLIMITED UNLIMITED GROUND 132,647 TOTAL 303,868 15,513 UNLIMITED 4,036 19,549

### OCCUPANCY

PRIMARY OCCUPANCY: 

☐ BUSINESS ☐ AMBULATORY HEALTH CARE

FIRE PROTECTION REQUIREMENTS \* LIFE SAFETY PLAN SHEET #: G-005, G-006, G-007

### PLUMBING FIXTURE REQUIREMENTS

USE	WATER CLOSETS		URINALS	LAVATORIES		SHOWERS/	DRINKING FOUNTAINS	
CSL	MALE	FEMALE	CKIIVILS	MALE	FEMALE	TUBS	STD.	ACCESS.
OUTPATIENT	3	6	3	5	5		1	1
MENTAL HEALTH		-						
		1						

OUTPATIENT MENTAL HEATLH = 19,549 - USE GROUP B - OUTPATIENT 19,549/100 = 195 ADJUSTED 196

98 MEN / 98 WOMEN

	REQUIRED		EXISTING		PROVIDED		TOTAL	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
WATER CLOSETS LAVATORY	6	6	X	X	8	11	X	X
SERVICE SINKS	1		X		2		X	
DRINKING FOUNTAINS			X		2		X	

STRUCTURAL DESIGN - SEE STRUCTURAL DRAWINGS MECHANICAL SUMMARY - SEE MECHANICAL DRAWINGS ELECTRICAL SUMMARY - SEE ELECTRICAL DRAWINGS

SEE SHEET S-001 FOR STRUCTURAL CODE AND DESIGN CRITERIA

ACG Project Number

919-858-7420

### CODE SUMMARY -WILKES-BARRE VAMC SECOND FLOOR POLICE OFFICE

RECONSTRUCTION ALTERATION REPAIR RENOVATION

EXISTING BUILDING DATA (NFPA 220):

CONSTRUCTION TYPE:  $\square$  I (442)  $\boxtimes$  I (332)  $\square$  II (222)  $\square$  II (111)  $\square$  II (000) | III (211) | | III (200) | | IV (2HH) | | V (111) | | V (000)

STANDPIPES: NO YES CLASS NFPA 13 NFPA 13R NFPA 13D FIRE DISTRICT: NO YES

**ACTUAL BUILDING HEIGHT:** 141\_\_\_\_\_ FEET \_\_\_\_\_\_ # STORIES ALLOWABLE BUILDING HEIGHT: UNLIMITED FEET UNLIMITED# STORIES (STORIES ABOVE LEVEL OF DISCHARGE PER NFPA 101 4.6.3)

MEZZANINE: NO YES

☐ NO 
☐ YES CENTRAL REFERENCE SHEET #

\_\_\_\_\_ HIGH RISE: GROSS BUILDING AREA

EXISTING (SQ FT) NEW (SQ FT) RENOVATED SUB-TOTAL ALLOWABLE 2,890 UNLIMITED

OCCUPANCY

EXISTING 2ND FLOOR PRIMARY OCCUPANCY: X AMBULATORY HEALTH CARE

BUSINESS

**NEW POLICE SUITE OCCUPANCY:** 

NO X YES SEPARATION: 0 HR. EXCEPTION: NFPA CH. 43.7

#### **BUILDING AREA**

		OCCUPANCY		BLDG AREA PER STORY (ACTUAL)	
		PRIMARY	SECONDARY BASED OFF 2017 LSA	PRIMARY	SECONDARY BASE OFF 2017 LSA
3	HEALTHCARE		747		78,355
2	HEALTHCARE		831		91,011
1	BUSINESS		805		80,210
G	BUSINESS		1,328		132,647
		<u> </u>		<u> </u>	<u> </u>

FIRE PROTECTION REQUIREMENTS \*

LIFE SAFETY PLAN SHEET #: G-007

### PLUMBING FIXTURE REQUIREMENTS

POLICE SUITE = 2890 - USE GROUP B - POLICE SUITE 2890/100 = 28.9 ADJUSTED 30 15 MEN / 15 WOMEN

	RE	QUIRED	PROVIDED	
	MALE	FEMALE	MALE	FEMAL
WATER CLOSETS LAVATORY	1	1	1	1
SERVICE SINKS	1			1
DRINKING FOUNTAINS		1		1

STRUCTURAL DESIGN - SEE STRUCTURAL DRAWINGS MECHANICAL SUMMARY - SEE MECHANICAL DRAWINGS

ELECTRICAL SUMMARY - SEE ELECTRICAL DRAWINGS

SEE SHEET S-001 FOR STRUCTURAL

CODE AND DESIGN CRITERIA

### **CODE STANDARDS AND EXECUTIVE ORDERS**

PURPOSE: THE PUBLIC BUILDINGS AMENDMENT ACT OF OFFICE OF MANAGEMENT AND BUDGET (OMB) CIRCULAF VOLUNTARY STANDARDS, BOTH DOMESTIC AND NTERNATIONAL, WHENEVER FEASIBLE, AND TO

SENERAL - BASED ON THE VA PG-18-3 DESIGN AND CONSTRUCTION PROCEDURES, THIS PROJECT HAS BEEN DESIGNED TO, AND CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING CODES AND GUIDELINES:

VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE ON THE

(AS OF EFFECTIVE PROJECT DESIGN CONTRACT DATE

(HTTP://WWW.CFM.VA.GOV/TIL/). INTERNATIONAL BUILDING CODE (IBC) 2021 (ONLY WHEN SPECIFICALLY REFERENCED IN VA DESIGN DOCUMENTS,

TECHNICAL INFORMATION LIBRARY (TIL)

SEE NOTES BELOW) NFPA 101 LIFE SAFETY CODE 2021 (SEE NOTES BELOW)

NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900 OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION

(OSHA) STANDARDS. VA SEISMIC DESIGN REQUIREMENTS, H-18-8

NATIONAL ELECTRICAL CODE (NEC)

INTERNATIONAL PLUMBING CODE (IPC) 2021 SAFETY CODE FOR ELEVATORS AND ESCALATORS,

AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME

ASME BOILER AND PRESSURE VESSEL CODE ASME CODE FOR PRESSURE PIPING

ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT BARRIER FREE DESIGN STANDARD (PG-18-13)

COMMENTARY (ACI 318) MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF

BUILDING CODE REQUIREMENTS FOR REINFORCED

CONCRETE, AMERICAN CONCRETE INSTITUTE AND

STEEL CONSTRUCTION (AISC) ENERGY POLICY ACT OF 2005 (EPACT)

STANDARDS FOR NEW FEDERAL. COMMERCIAL AND MULTI-FAMILY HIGH-RISE RESIDENTIAL BUILDINGS AND NEW LOW-RISE RESIDENTIAL BUILDINGS, 10 CFR PARTS 433, 434 AND 435.

FEDERAL LEADERSHIP IN HIGH PERFORMANCE AND SUSTAINABLE BUILDINGS: MEMORANDUM OF UNDERSTANDING (MOU)

THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIREMENTS SECTION 01010 OF THE VA MASTER CONSTRUCTION

SPECIFICATION. VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY -ASHRAE STANDARD 62.1- 2022.

SAFETY STANDARD FOR REFRIGERATION SYSTEMS -ASHRAE STANDARD 15 – 2022.

LOCAL CODES: AS AN AGENCY OF THE FEDERAL GOVERNMENT, VA IS NOT SUBJECT TO LOCAL IMPOSITION OF CODE ENFORCEMENT PROCEDURES (DRAWING REVIEWS, BUILDING PERMITS, INSPECTIONS, FEES, ETC.) VA MUST FUNCTION AS THE AUTHORITY HAVING JURISDICTION (AHJ) AND THUS HAS THE RESPONSIBILIT TO GUARD PUBLIC HEALTH AND SAFETY THROUGH ENFORCING ITS ADOPTED CODES. HOWEVER, LOCAL AUTHORITIES SHOULD BE NOTIFIED ABOUT PLANNED PROJECTS AND GIVEN OPPORTUNITY TO REVIEW DRAWINGS PROVIDED THAT VA DOES NOT PAY FOR

REVIEW OR INSPECTION FEES.

. NFPA 101 PRIMARILY ADDRESSES LIFE SAFETY AND FIRE PROTECTION FEATURES WHILE THE IBC ADDRESSES A WIDE RANGE OF CONSIDERATIONS, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL STRENGTH, SEISMIC STABILITY, SANITATION, ADEQUATE LIGHT AND VENTILATION, AND ENERGY CONSERVATION. VA BUILDINGS MUST MEET THE REQUIREMENTS OF NFPA 10 AND DOCUMENTS REFERENCED BY NFPA 101 IN ORDER TO COMPLY WITH THE ACCREDITATION REQUIREMENTS OF THE JOINT COMMISSION. THEREFORE, DESIGNS SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF NFPA 101 AND DOCUMENTS REFERENCED THEREIN. DESIGN FEATURES NOT ADDRESSED BY NFPA 101 OR DOCUMENTS REFERENCED THEREIN SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE IBC OR AS OTHERWISE ADDRESSED ABOVE IN THIS PROGRAM GUIDE. FOR DESIGN FEATURES THAT ARE ADDRESSED BY BOTH THE IBC AS WELL AS NFPA 101 OR A DOCUMENT REFERENCED BY NFPA 101 THE REQUIREMENTS OF NFPA 101 OR THE DOCUMENT REFERENCED BY NFPA 101 SHALL BE USED EXCLUSIVELY THIS APPLIES EVEN IF THE IBC REQUIREMENTS ARE

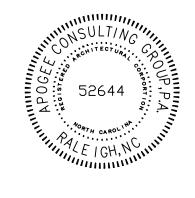
. CONFLICTS BETWEEN NATIONALLY RECOGNIZED CODES AND STANDARDS AND VA REQUIREMENTS – SHOULD A CONFLICT EXIST BETWEEN VA REQUIREMENTS AND VA ADOPTED NATIONALLY RECOGNIZED CODES AND STANDARDS, THE CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF VA. THE RESOLUTION OF THE CONFLICT SHALL BE MADE BY THE AUTHORITY HAVING JURISDICTION FOR VA TO ENSURE A CONSISTENCY

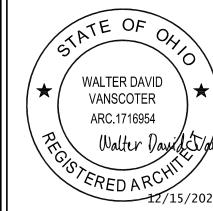
**FULLY SPRINKLERED** 

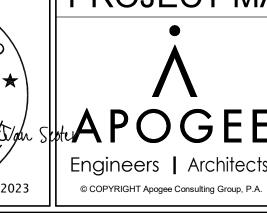
100% CONSTRUCTION DOCUMENTS

CONSULTANTS:

Date









**Apogee Consulting Group, P.A.** 1151 Kildaire Farm Road, Suite 120 Cary, North Carolina 27511

Office of Construction and Facilities Management

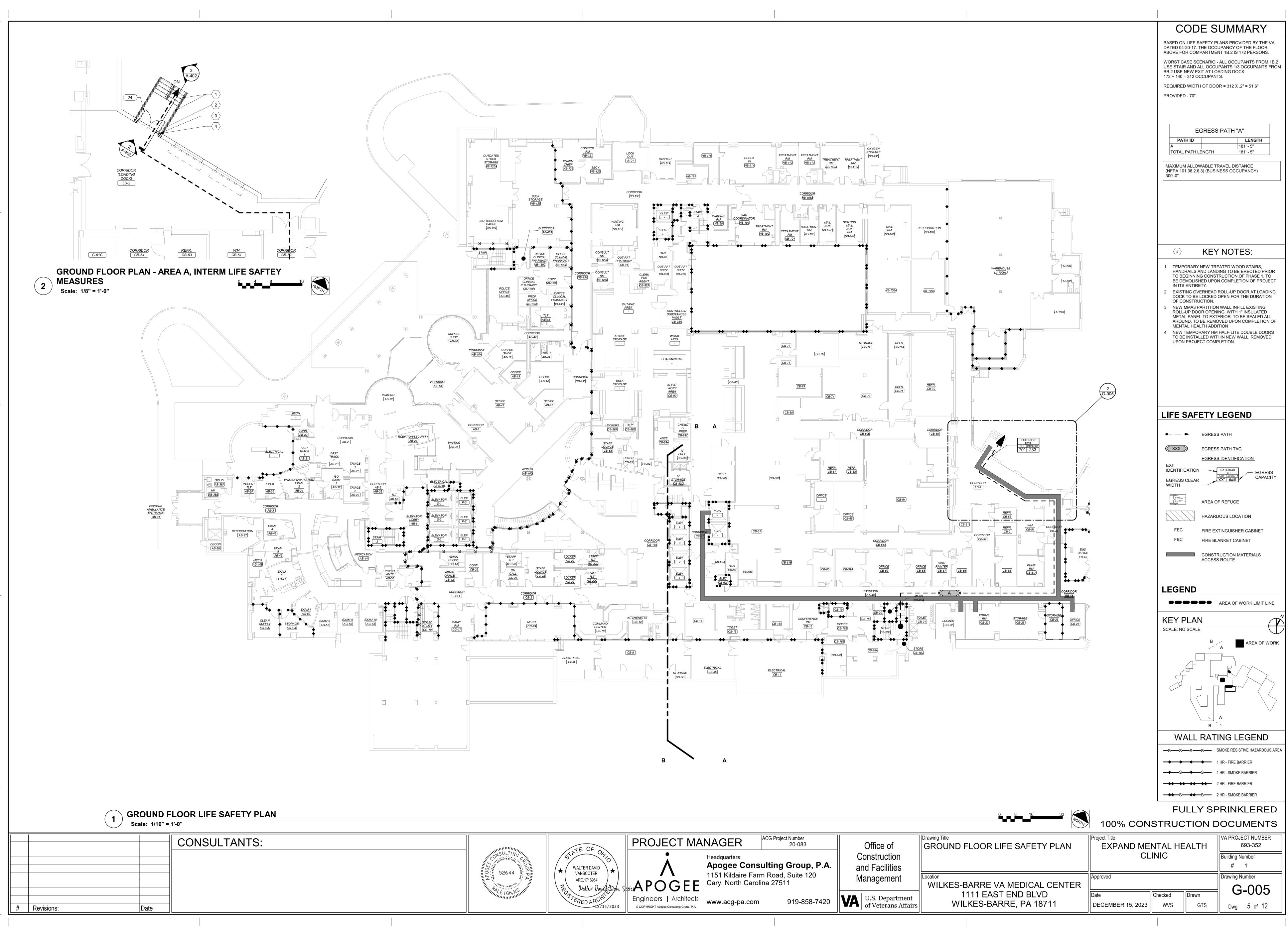
U.S. Department of Veterans Affairs

WILKES-BARRE VA MEDICAL CENTER 1111 EAST END BLVD WILKES-BARRE, PA 18711

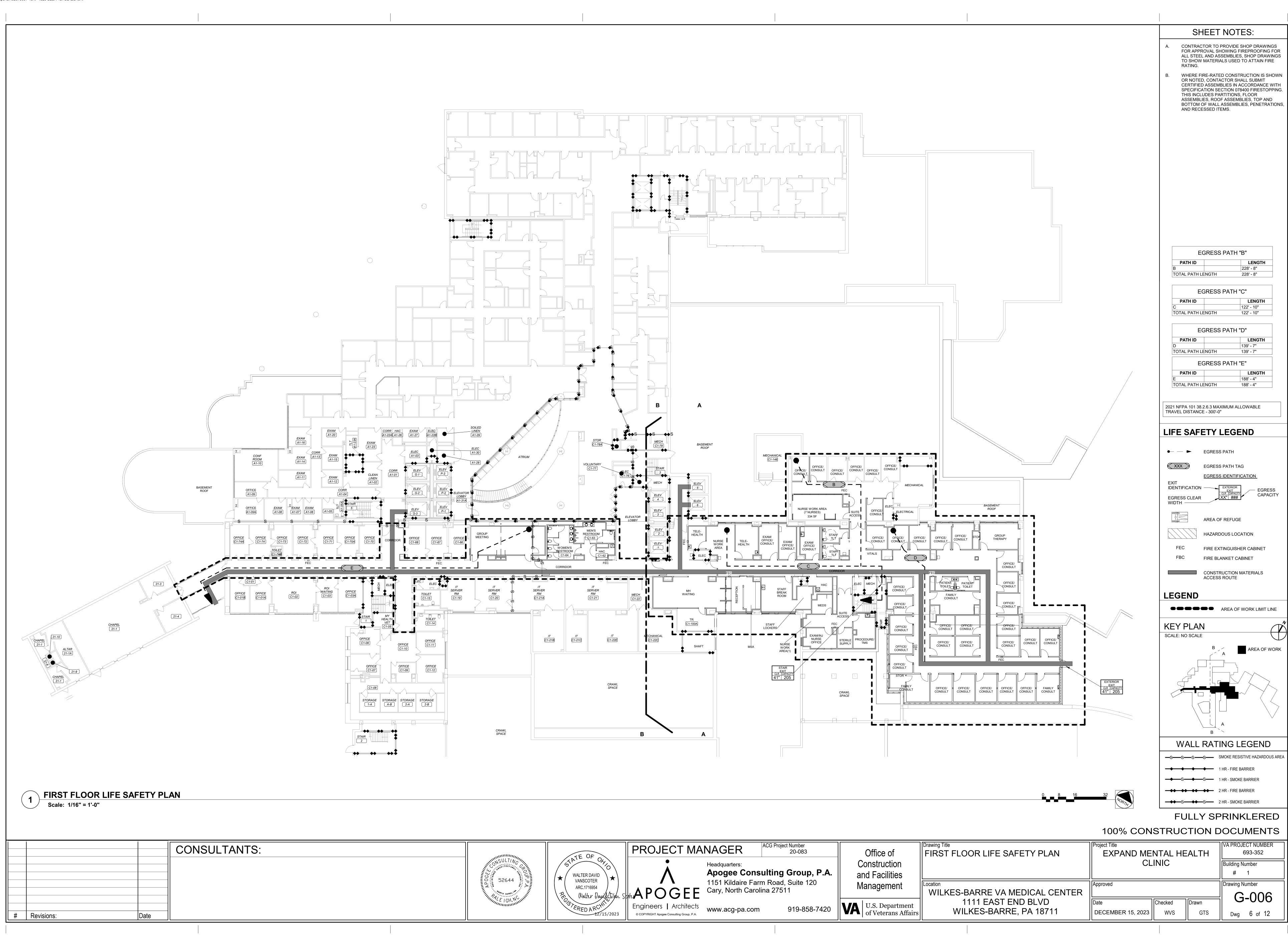
Drawing Title VA PROJECT NUMBER CODE INFORMATION **EXPAND MENTAL HEALTH** 693-352 CLINIC Building Number Drawing Number G-004 Drawn Checked DECEMBER 15, 2023 GTS WVS Dwg 4 of 12

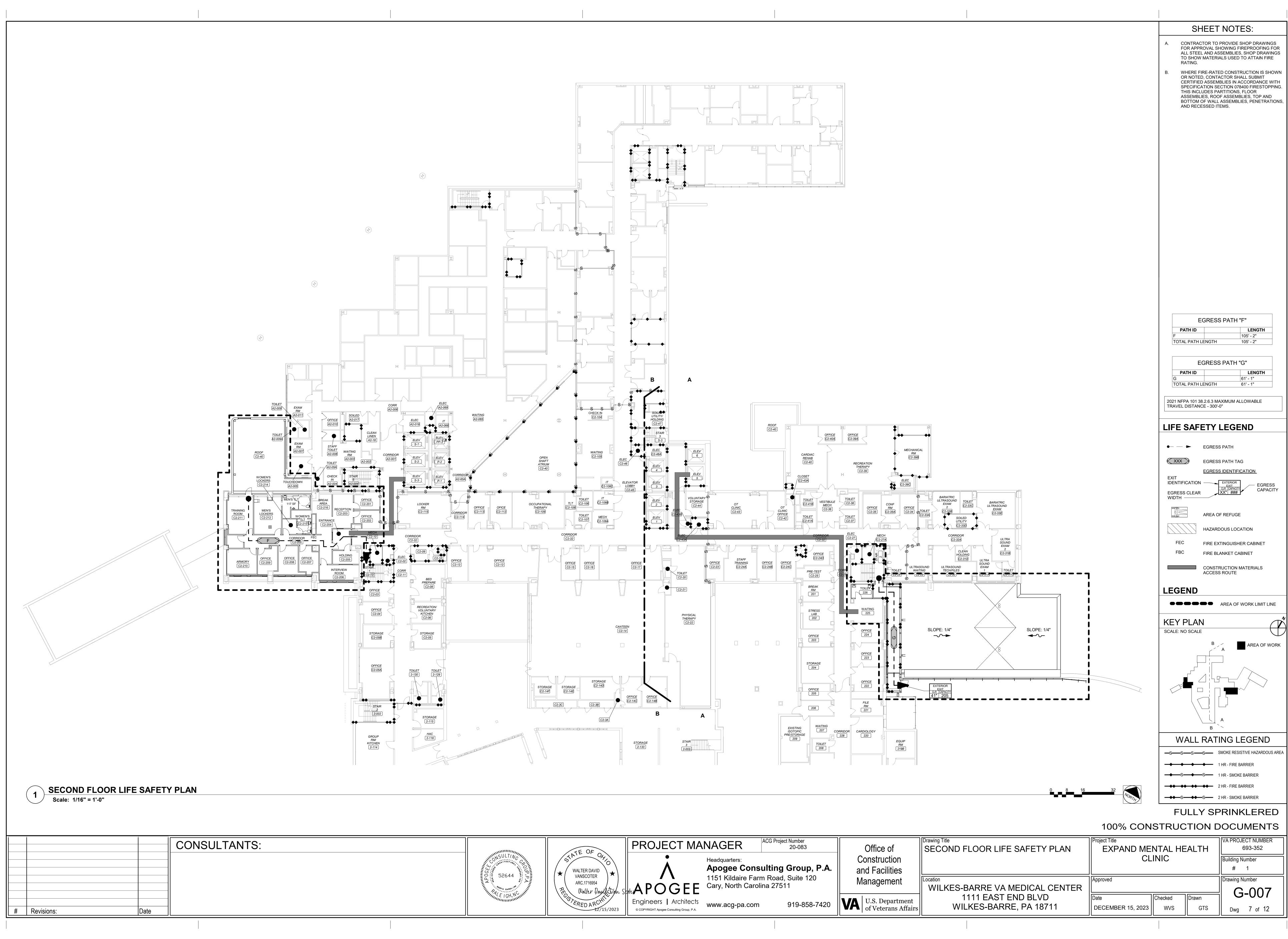
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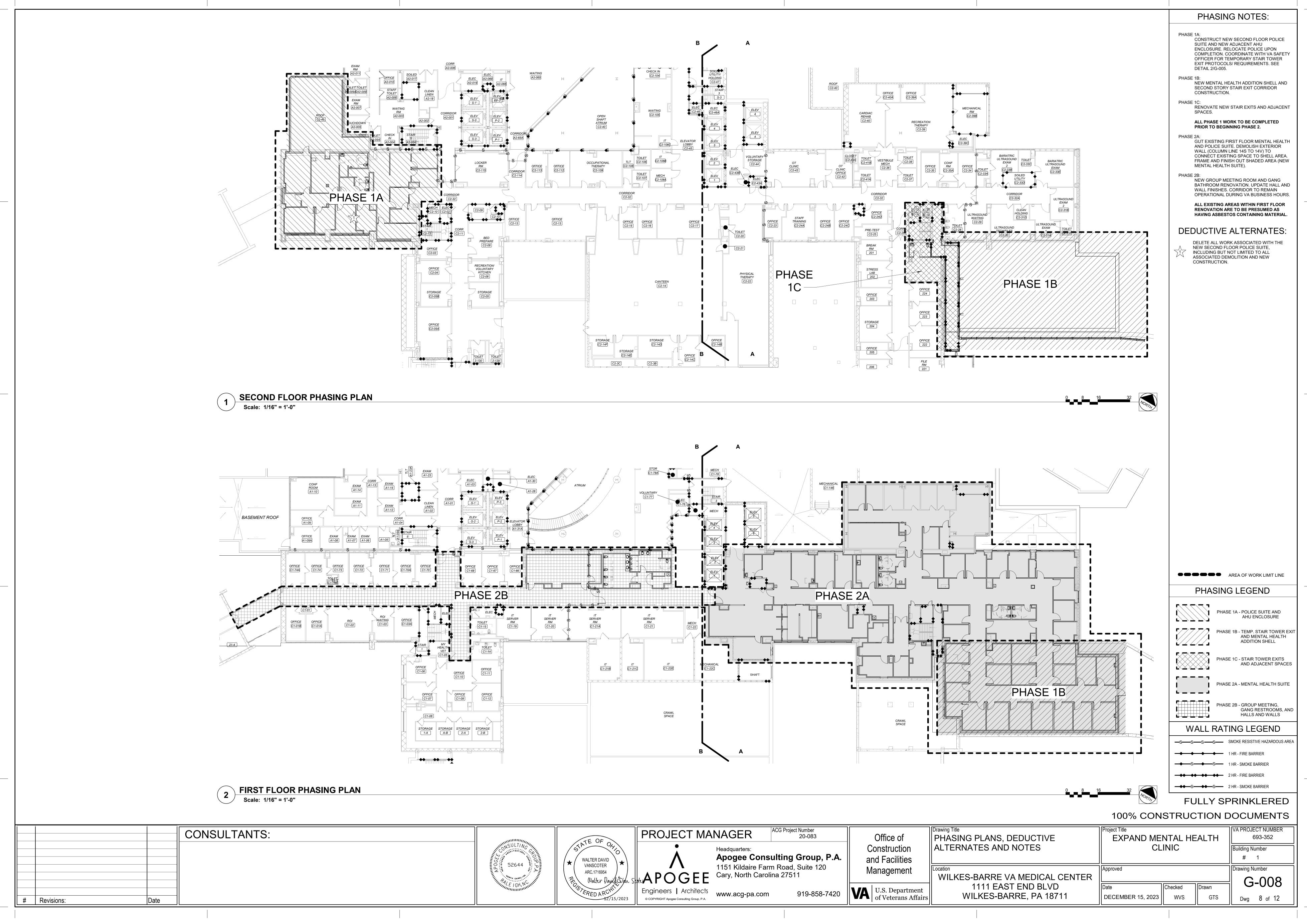
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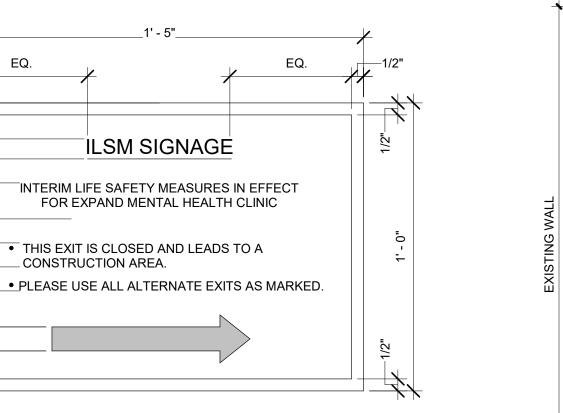
### ISLM TEMPORARY BARRIER TAG PRIME CONTRACTOR: SUB CONTRACTOR: EMERGENCY CONTACT NO. BARRIER INSTALLATION DATE

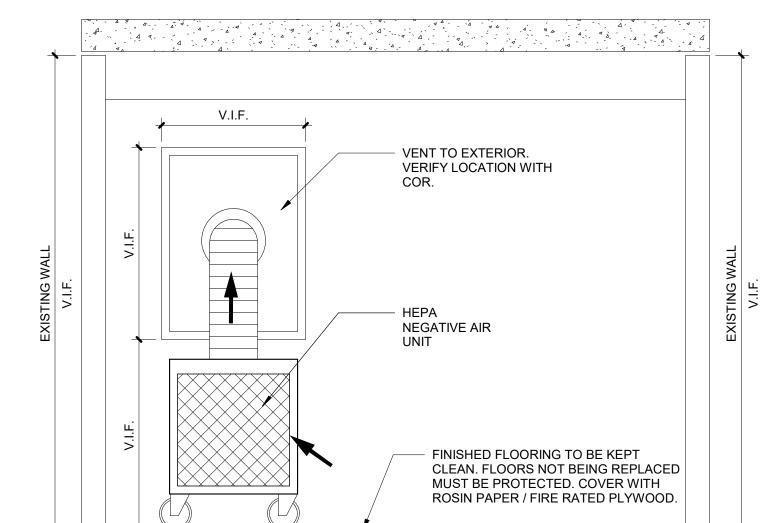
ILSM SIGNAGE

CONSTRUCTION AREA.

CONSTRUCTION SIDE







## **LSM CONSTRUCTION EGRESS SIGNAGE**

MODIFY EXISTING CEILING TO

5/8" GYPSUM BOARD - BOTH

PAINT - PRIMER COAT PLUS 2

FINISH COATS - COLOR TO

- 3 5/8" MTL STUD FRAMING

4" COVED VINYL BASE

FIRE RATE AS REQUIRED

COORDINATE WITH VA

ICRA OFFICER.

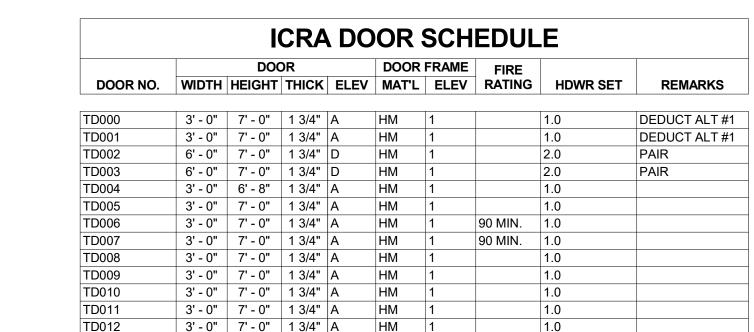
ICRA BARRIER WALL TYPE

Scale: 3/4" = 1'-0"

**EXISTING FLOOR FINISH TO REMAIN** 

BE SELECTED BY VA

INTERIOR DESIGNER



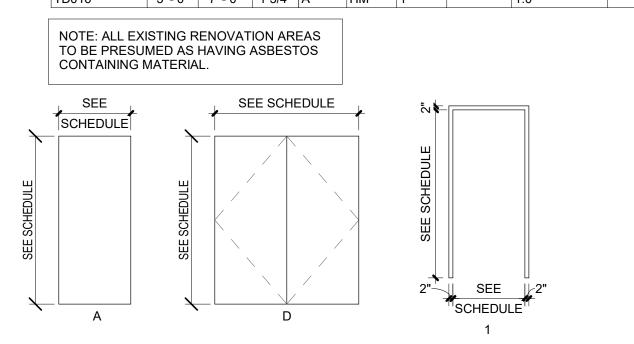
## 3' - 0" | 7' - 0" | 1 3/4" | A

3' - 0" | 5' - 0" | 1 3/4" | A

3' - 0" 5' - 0" 1 3/4" A

3' - 0" 6' - 8" 1 3/4" A

**CROSS SECTION "A"** 



### HARDWARE SET 1.0

HINGES

LATCH SET

DUST PROOF STRIKE PLATE

1	DOOR CLOSER	DC6210XA11	689	CO
2	KICK PLATES	K1050F	32D	RO
1	GASKETING	S888 X HEAD & JAMBS	3	PE
HAR	DWARE SET 2.0			
6	HINGES	TA2714	630	MK
1	FLUSH BOLTS	2845	32D	RO
1	DUST PROOF STRIKE	570	32D	RO
2	PASSAGE SET	ML2010	26D	CO
2	COORDINATOR	2600 SERIES	32D	RO
1	ASTRAGAL	BY DOOR MANUF.		
2	DOOR CLOSER	DC6210XA11	689	CO
4	KICK PLATES	K1050F	32D	RO

VA SPEC F01

S888 X HEAD & JAMBS

#### MANUFACTURER'S CORBIN RUSSWIN MCKINNEY

ROCKWOOD

GASKETING

DEDUCT ALT #1

HARDWARE MANUFACTURER'S LISTED AS BASIS OF DESIGN. ALTERNATE MANUFACTURERS ACCEPTABLE, SUBJECT TO REVIEW BY ARCHITECT AND C.O.R. FOR EQUAL QUALITY COMPLIANCE.

LATCH SET TO SUPPORT THAT WHICH ARE USED AT THIS FACILITY, COORDINATE

### **ICRA NOTES**

#### DUST CONTROL PLAN NOTES

- THE VAMC INFECTION CONTROL GROUP HAS CONFIRMED THE DESIGNATION FOR THIS PROJECT IS LEVEL IV FOR THE CLASS OF PRECAUTIONS OR LEVEL OF INFECTION CONTROL ACTIVITIES. HARD SURFACE BARRIERS SHALL BE USED EXCEPT IN THE AREA INDICATED ON THE PHASING PLAN WITH PLASTIC BARRIERS (MINIMUM 4MIL) TO SEAL AREA FROM NON-WORK AREA AS LONG AS THE SPRINKLER SYSTEM IS INTACT AND ACTIVE.
- THIS PROJECT NEEDS AN ENTRY VESTIBULE FOR CLOTHING CHANGES (PROVIDE AND LOCATE A STAGING AREA FOR HAZMAT SUITS NEAR THE PLASTIC BARRIER ENTRANCE SPACES -CONSTRUCTION ANTEROOM. THEY SHALL BE USED WHEN GOING INTO CONSTRUCTION AREA AND LEAVING THE CONSTRUCTION AREA) AND TOOL STORAGE AND TIGHT SEALS SHALL BE MAINTAINED AT THE FULL PERIMETER OF WALLS AND WALL PENETRATIONS. ANY DUST SHALL BE IMMEDIATELY CLEANED IF TRACKED OUTSIDE OF THE CONSTRUCTION BARRIER. UPON COMPLETION OF THE CONSTRUCTION PHASE, DUST BARRIERS SHALL BE REMOVED CAREFULLY TO MINIMIZE SPREADING OF DUST AND THE CONTRACTOR SHALL HAVE TEMPORARY DUST PROTECTION IN PLACE BEFORE REMOVAL OF A PERMANENT BARRIER [AFTER EACH PHASE, PERFORM TASKS STATED IN CONTAMINATION OF PATIENT ROOMS,
- PROVIDE STICKY MATS AND BLANKET AT THE PLASTIC BARRIER ENTRANCE SPACES (CONSTRUCTION ANTEROOM) AND CHANGE DAILY OR MORE OFTEN AS NEEDED TO PREVENT THE SPREAD OF DUST AND DEBRIS INTO ADJACENT CLEAN SPACE.

#### INTERNAL DEMOLITION AND CONSTRUCTION ACTIVITIES DUST AND DEBRIS CONTROL

USE CORRIDORS AS PRIMARY CONSTRUCTION ACCESS.

SUPPLIES, EQUIPMENT AND RELATED AREAS NOTE 2.

- TRAFFIC CONTROL: DESIGNATED ENTRY AND EXIT PROCEDURES SHALL BE DEFINED. EGRESS PATHS SHALL BE FREE OF DEBRIS: DESIGNATED ELEVATORS SHALL BE USED DURING SCHEDULED TIMES; AND ONLY AUTHORIZED PERSONNEL SHALL BE ALLOWED TO ENTER THE CONSTRUCTION ZONE. SIGNAGE SHALL DIRECT PEDESTRIAN TRAFFIC AWAY FROM THE CONSTRUCTION AREA AND MATERIALS.
- CONTRACTOR SHALL USE TWO CARTS TO TRANSFER CONSTRUCTION MATERIAL IN AND OUT OF THE PROJECT - A CLEAN CART SHALL BE USED; THE NOT-SO-CLEAN CART SHALL BE USED BETWEEN THE MAIN ENTRY AND THE CONSTRUCTION STAGING/PREP AREA.
- DEMOLITION DEBRIS: DEBRIS SHALL BE REMOVED IN CARTS WITH TIGHTLY FITTED COVERS, USING DESIGNATED TRAFFIC ROUTES. EFFORTS SHALL BE MADE TO MINIMIZE USE OF ELEVATORS WITH AN EMPHASIS ON TRANSPORT DURING THE LOWEST PERIOD OF ACTIVITY. DEBRIS SHALL BE REMOVED DAILY AND AT TIMES SPECIFIED BY THE VAMC. IF CHUTES ARE USED TO DIRECT DEBRIS OUTSIDE, HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTERED NEGATIVE AIR MACHINES SHALL BE USED, AND THE CHUTE OPENING SHALL BE SEALED WHEN NOT IN USE. FILTERS SHALL BE BAGGED AND SEALED BEFORE BEING TRANSPORTED OUT OF THE CONSTRUCTION AREA. THE CONTRACTOR SHALL NOT HAUL DEBRIS THROUGH PATIENT-CARE AREAS WITHOUT PRIOR APPROVAL OF THE COR.
- EXTERIOR WINDOWS: WINDOWS SHALL BE SEALED TO MINIMIZE INFILTRATION FROM ANY ADJACENT EXCAVATION DEBRIS.
- ALL EQUIPMENT TO REMAIN IN ASSOCIATED ROOMS SHALL BE COVERED AND PROTECTED PRIOR STARTING EACH CONSTRUCTION PHASE.

#### **VENTILATION AND ENVIRONMENTAL CONTROLS**

- AIR SYSTEM FLOW: THE COR VERIFY AND ACKNOWLEDGE CONTRACTOR WHETHER THE CONSTRUCTION AREA USES FRESH/OUTSIDE OR RE-CIRCULATED AIR; FILTERS SHALL BE ADDED OR RETURN VENTS COVERED AS NEEDED WITH FILTER MATERIAL OR PLASTIC, AIR MUST FLOW FROM CLEAN TO DIRTY AREAS.
- NEGATIVE AIR PRESSURE: THE AIR WITHIN THE CONSTRUCTION AREA SHALL BE NEGATIVE WITH RESPECT TO SURROUNDING AREAS AND WITH NO DISRUPTION OF AIR SYSTEMS OF ADJACENT AREAS. USE OF THE NEGATIVE AIR PRESSURE SYSTEM WITHIN THE ENCLOSURE TO REMOVE DUST SHALL PASS AIR THROUGH AN INDUSTRIAL GRADE, PORTABLE HEPA FILTER CAPABLE OF FILTRATION RATES OF 300-800 CUBIC FEET PER MINUTE (FT3/MIN), OR EXHAUST AIR DIRECTLY TO THE OUTSIDE IF APPROVED BY VAMC. IF EXHAUST SHALL BE TIED INTO A RE-CIRCULATED AIR SYSTEM, A PRE-FILTER AND HEPA FILTER SHALL BE USED BEFORE EXHAUST TO PREVENT CONTAMINATION OF THE DUCTS.
- FOR EXHAUST DUCT ROUTING THRU CORRIDOR: INSTALL HARD DUCT WITH NON-FLANGE HANGER HUNG FROM CEILING ABOVE, BOTTOM OF DUCT SHALL BE A MINIMUM OF 7'-2" A.F.F.
- ADJACENT AREAS: THE STATUS OF SEALED PENETRATIONS AND INTACT CEILING SHALL BE VERIFIED DAILY.
- AIR EXCHANGE RATES AND PRESSURE RELATIONSHIPS: VAMC AND CONTRACTOR SHALL VERIFY AND MAINTAIN PROPER RATES IN CRITICAL AREAS NEAR CONSTRUCTION ACTIVITY AND ENSURE AIR IS NOT BEING RE-CIRCULATED WITHOUT FILTRATION FROM THE CONSTRUCTION AREA ELSEWHERE. PROVIDE AIR PRESSURE TESTING THROUGHOUT THE PROJECT IN THE FREQUENCY AS IDENTIFIED BY THE COR.

### CONTAMINATION OF PATIENT ROOMS, SUPPLIES, EQUIPMENT AND RELATED AREAS

- WORKSITE CLOTHING: CONTRACTOR PERSONNEL CLOTHING SHALL BE FREE OF LOOSE SOIL AND DEBRIS BEFORE LEAVING THE CONSTRUCTION AREA. IF PROTECTIVE APPAREL IS NOT WORN (E.G., COVERALLS, FOOTGEAR AND HEADGEAR) A HEPA-FILTERED VACUUM SHALL BE USED TO REMOVE DUST FROM CLOTHING BEFORE LEAVING THE BARRICADE. IF PROTECTIVE APPAREL IS UTILIZED. THE CONTRACTOR SHALL CONSTRUCT A SPACE OR ANTEROOM FOR CHANGING CLOTHING AND STORING EQUIPMENT (DESIGNATED AREA. ALL EQUIPMENT, TOOLS, TOOL CARTS, AND MATERIALS TRANSPORTED THROUGH OCCUPIED AREAS SHALL BE MADE FREE FROM DUST AND MOISTURE BY VACUUMING AND WET WIPING BEFORE THEIR REMOVAL FROM THE CONSTRUCTION ZONE OR WORK AREA.
- POST CONSTRUCTION: DO NOT REMOVE BARRIERS AND KEEP ALL HVAC ISOLATION UNTIL CONTRACTOR HAS CLEANED CONSTRUCTION SITE, VA EMS STAFF HAS DONE A TERMINAL CLEANING, AND VA INFECTIOUS DISEASE CONTROL HAS INSPECTED AND APPROVED THE

### INFECTION CONTROL RISK MITIGATION RECOMMENDATIONS MATRIX OF PRECAUTIONS FOR CONSTRUCTION AND RENOVATION

Removal of ceiling tile for visual inspection-limited to 1 tile per 50 square feet with limited exposure time.

to include painting without sanding) that does not create dust or debris.

Installation of electrical devices or new flooring that produces minimal dust and debris.

Removal of preexisting floor covering, walls, casework or other building components

The removal of drywall where a moderate amount of dust and debris is created.

Controlled sanding activities (e.g., wet or dry sanding) that produce minimal dust and debris.

Small scale, short duration activities which create minimal dust

The removal of drywall where minimal dust and debris is created.

Nonexisting cable pathway or invasive electrical work above ceilings.

access to mechanical and/or electrical chase spaces).

Inspection and Non-Invasive Activities

Clean plumbing activity limited in nature.

Includes, but is not limited to:

Includes, but is not limited to:

Fan shutdown/startup.

Includes, but is not limited to:

New drywall placement.

Includes, but is not limited to:

Renovation work in a single room.

Major demolition and construction projects

Removal/installation of drywall partitions.

Renovation work in two or more rooms.

Invasive large-scale new building construction

Removal or replacement of building system component(s)

TYPE C

Type of Construction / Project Activity Table

Limited building system maintenance (e.g., pneumatic tube station, HVAC system, fire suppression system, electrical and carpentry work

Work conducted above the ceiling (e.g., prolonged inspection or repair of firewalls and barriers, installation of conduit and/or cabling, and

Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies

### INFECTION CONTROL RISK MITIGATION RECOMMENDATIONS MATRIX OF PRECAUTIONS FOR CONSTRUCTION AND RENOVATION

### It is the Contractor's Responsibility to provide the following Infection Control Precautions depending upon the Area Class Designation

Includes all activities required by Class II For Type C activities, follow procedures for Class IV. Obtain Infection Control Permit from Hospital Safety Officer or Facilities Management Maintenance and Engineering department before construction begins. Provide active means to prevent airborne dust dispersion into the occupied areas. Clean work areas including all environmental surfaces, 4. Means for controlling minimal dust dispersion may include hand-held HEPA vacuum high horizontal surfaces and flooring materials. devices, polyethylene plastic containment, or isolation of work area by closing room Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser

Upon Completion of Project

work is being performed. Verify that HVAC systems

Construction areas must be inspected by an infection

preventionist or designee and engineering representative

for discontinuation or downgrading of ICRA precautions.

1. Clean work areas including all environmental

surfaces, high horizontal surfaces and flooring

Check all supply and return air registers for dust

accumulation on upper surfaces as well as air

Critical barriers must remain in place during all

work involving drywall removal, creation of dust

and activities beyond simple touch-up work. The

barrier may NOT be removed until a work area

All (plastic or hard) barrier removal activities must

be completed in a manner that prevents dust

release. Use the following precautions when

1. Carefully remove screws and painter

If dust will be generated during screw

3. Drywall cutting is prohibited during

4 Clean all stud tracks with HEPA va

Use a plastic barrier to enclose area if

dust could be generated.

I. The use of negative air must be designed to

remove contaminates from the work area.

Negative air devices must remain operational at

all times and in place for a period after completion

of dust creating activities to remove contaminants

from the work area and before removal of critical

Upon removal of critical barriers, remove isolation

of HVAC system in areas where work is being

Verify that HVAC systems are clean and

preventionist or designee and engineering representative

1. Clean work areas including all environmental

surfaces, high horizontal surfaces and flooring

2. Check all supply and return air registers for dust

accumulation on upper surfaces as well as air

Critical barriers must remain in place during all

work involving drywall removal, creation of dust

and activities beyond simple touch-up work. The

barrier may NOT be removed until a work area

All (plastic or hard) barrier removal activities must

be completed in a manner that prevents dust

release. Use the following precautions when

1. Carefully remove screws and painter

2. If dust will be generated during screw

Drywall cutting is prohibited during

4. Clean all stud tracks with HEPA vacuum

before removing outer hard barrier.

5. Use a plastic barrier to enclose area if

dust could be generated.

The use of negative air must be designed to

remove contaminates from the work area.

Negative air devices must remain operational at

all times and in place for a period after completion

of dust creating activities to remove contaminants

from the work area and before removal of critical

Upon removal of critical barriers, remove isolation

removal process.

removal, use hand-held HEPA vacuum.

cleaning has been performed.

removing hard barriers:

legative Air Requirements:

for discontinuation or downgrading of ICRA precautions.

before removing outer hard barrier.

removal process.

removal, use hand-held HEPA vacuum.

cleaning has been performed.

removing hard barriers:

Negative Air Requirements:

IVAC systems:

Work Area Cleaning:

diffuser surfaces.

Removal of Critical Barriers:

Work Area Cleaning:

diffuser surfaces.

Removal of Critical Barriers:

5. Remove or isolate return air diffusers to avoid dust from entering the HVAC system. 6. Remove or isolate the supply air diffusers to avoid positive pressurization of the **HVAC Systems:** If work area is contained, then it must be neutrally to negatively pressurized at all Remove isolation of HVAC system in areas where

. Seal all doors with tape that will not leave residue. are clean and operational. . Contain all trash and debris in the work area. Verify the HVAC systems meet original airflow and air ). Nonporous/smooth and cleanable containers (with a hard lid) must be used to exchange design specifications. transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained

Dry sanding where a moderate amount of dust and debris is created. facility policy. Sticky mats must be changed routinely and when visibly soiled. Work creating significant vibration and/or noise. 12. Maintain clean surroundings when area is not contained by damp mopping or HEPA Any activity that cannot be completed in a single work shift. vacuuming surfaces. 13. Clean construction area at the end of each shift by damp mopping or HEPA

**During Construction Project** 

work area.

Patient Risk Group Table

			<del></del>
Group 1 Low Risk	Group 2 Medium Risk	Group 3 High Risk	Group 4 Highest Risk
Office areas (non-clinical) FES/EMS areas	<ul> <li>Physical Therapy</li> <li>Radiology departments</li> <li>All patient waiting rooms</li> <li>All outpatient clinics</li> <li>Research Areas</li> <li>Respiratory Therapy</li> </ul>	Emergency Room     Clinical Laboratories (specimen)     Same Day Surgery     Pharmacy     Nutrition and Food     Service/Canteen     Procedural Areas (GI)     Inpatient Mental Health	<ul> <li>Any area caring for immunocompromised patients</li> <li>Cardiac Cath Lab/IR</li> <li>Central Sterile Supply</li> <li>Sterile Processing Service</li> <li>Intensive Care Units</li> <li>Medical/Surgical Units</li> <li>Negative pressure isolation rooms</li> <li>Outpatient Chemotherapy Areas</li> <li>Operating rooms</li> <li>Post Anesthesia Care Unit</li> <li>Dialysis</li> <li>Dental</li> </ul>

### Infection Control Matrix - Class of Precautions: Construction Project by Patient Risk Construction Project Type

Patient Risk Group	TYPE A	TYPE B	TYPE C	TYPE D
LOW Risk Group 1	I	II	II	III
MEDIUM Risk Group 2	I	II	III	IV
HIGH Risk Group 3	I	III	IV	V
HIGHEST Risk Group 4	III	IV	V	V

Note: Infection Control approval will be required when the Construction Activity and Risk Level indicate that Class III or Class IV control procedures are necessary.

**During Construction Project** 

Seal unused doors with duct tape.

contamination of duct system.

Block off and seal air vents.

ACG Project Number

CONSTRUCTION ACTIVITIES SHALL BE CLASSIFIED AS FOLLOWS UNLESS NOTED OTHERWISE INSTALLATION OF CABLE TRAY IN CORRIDOR CEILINGS SHALL BE CONSIDERED CONSTRUCITON ACTIVITY TYPE B.

ALL CONDUIT SPECIFIED TO BE INSTALLED IN WALL SHALL BE CONSIDERED CONSTRUCTION ACTIVITY TYPE C. CONSTRUCTION OF NEW ROOMS SHALL BE CONSIDERED CONSTRUCTION ACTIVITY TYPE D. I. INSTALLATION OF NEW DOORS TO OR FROM EXISTING SPACES SHALL BE CONSIDERED CONSTRUCTION ACTIVITY TYPE C.

# It is the Contractor's Responsibility to provide the following Infection Control Precautions

Upon Completion of Project

work is being performed. Verify that HVAC systems

Verify the HVAC systems meet original airflow and air

are clean and operational.

exchange design specifications.

CLASS I	<ol> <li>Execute work by methods to minimize raising dust from construction operations.</li> <li>Perform noninvasive work activity as to not block or interrupt patient care.</li> <li>Perform noninvasive work activities in areas that are not directly occupied with patients.</li> <li>Perform noninvasive work activity in a manner that does not create dust.</li> <li>Immediately replace any displaced ceiling tile before leaving the area and/or at end of noninvasive work activity.</li> </ol>	Cleaning: 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces.  HVAC Systems: 1. Remove isolation of HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. 2. Verify the HVAC systems meet original airflow and air exchange design specifications.
	Includes all activities required by Class I     Perform only limited dust work and/or activities designed for basic facilities and engineering work.     Perform limited dust and invasive work following standing precautions procedures approved by the organization.     This Class of Precautions must never be used for construction or renovation	Cleaning: 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces.
_	<ul><li>activities.</li><li>5. Provide active means to prevent airborne dust from dispersing into atmosphere.</li><li>6. Water mist work surfaces to control dust while cutting.</li></ul>	HVAC Systems:  1. Remove isolation of HVAC system in areas where

depending upon the Area Class Designation

Includes all activities required by Class III Obtain Infection Control Permit from Hospital Safety Officer or Facilities Management Maintenance and Engineering department before construction begins.

Construct and complete critical barriers meeting NFPA 241 requirements. Barriers must

I. Install a sticky (dust collection) mat at entrance of contained work area based on

All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling or floor. Seal all penetrations in containment barriers, including floors and ceiling, using approved

extend to the ceiling or if ceiling tile is removed, to the deck above.

materials (UL schedule firestop if applicable for barrier type). . Containment units or environmental containment units (ECUs) approved for Class IV precautions in small areas totally contained by the unit and that has HEPA-filtered exhaust air

Remove or isolate return air diffusers to avoid dust entering the HVAC system. . Remove or isolate the supply air diffusers to avoid positive pressurization of the space. Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the

construction area. The entire construction area must remain negatively pressurized. ). Maintain negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows does not require HEPA-filtered air. If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as no less than

99.97% efficiency and must not alter or change airflow/pressure relationships in other

12. Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is not acceptable. 3. Install device (e.g., magnehelic, manometer, or digital monitoring) on exterior of work containment to continually monitor negative pressurization. The "ball in the wall" or

similar apparatus are not acceptable. 14. Contain all trash and debris in the work area 15. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area.

16. Worker clothing must be clean and free of visible dust before leaving the work area. HEPA vacuuming of clothing or use of cover suites is acceptable. 17. Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged

shoe covers must be immediately changed. 18. Install a sticky (dust collection) mat at entrance of contained work area based on facility policy. Sticky mats must be changed routinely and when visibly soiled. 19. Consider collection of particulate data during work to monitor and ensure that

contaminates do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies.

> Verify the HVAC systems meets original airflow and air exchange design specifications. Construction areas must be inspected by an infection

Includes all activities required by Class IV Obtain Infection Control Permit from Hospital Safety Officer or Facilities Management Maintenance and Engineering department before construction begins. 3. Construct and complete critical barriers meeting NFPA 241 requirements. Barriers

must extend to the ceiling or if ceiling tile is removed, to the deck above. 4. All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal

gaps between barriers, ceiling or floor. . Seal all penetrations in containment barriers, anteroom barriers, including floors and ceiling using approved materials (UL schedule firestop if applicable for barrier type). 6. Construct anteroom large enough for equipment staging, cart cleaning, workers. The anteroom must be constructed adjacent to entrance of construction work area.

Personnel will be required to wear coveralls at all times during Class V work activities. Coveralls must be removed before leaving the anteroom. . Remove or isolate return air diffusers to avoid dust entering the HVAC system.

9. Remove or isolate the supply air diffusers to avoid positive pressurization of the 10. Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the

construction area. The entire construction area must remain negatively pressurized. Maintain negative pressurization of the entire workspace using HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet

or greater from entrances, air intakes and windows does not require HEPA-filtered air. 12. If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as no less than

99.97% efficiency and must not alter or change airflow/pressure relationships in other 13. Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems

(bathroom exhaust) is not acceptable. 14. Install device (e.g., magnehelic, manometer, or digital monitoring) on exterior of work containment to continually monitor negative pressurization. The "ball in the wall" or similar apparatus are not acceptable.

16. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work

17. Worker clothing must be clean and free of visible dust before leaving the work area 18. Workers must wear shoe covers prior to entry into the work area. Shoe covers must

Contain all trash and debris in the work area

be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed. 19. Install a sticky (dust collection) mat at entrance of contained work area based on

facility policy. Sticky mats must be changed routinely and when visibly soiled. 20. Consider collection of particulate data during work to monitor and ensure that contaminates do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies.

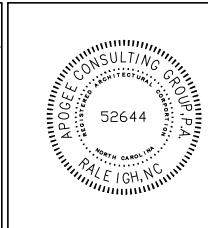
of HVAC system in areas where work is being Verify that HVAC systems are clean and

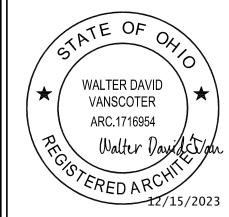
HVAC systems:

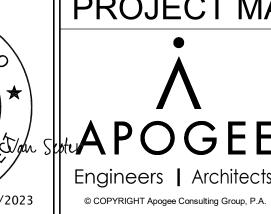
. Verify the HVAC systems meets original airflow and air exchange design specifications.

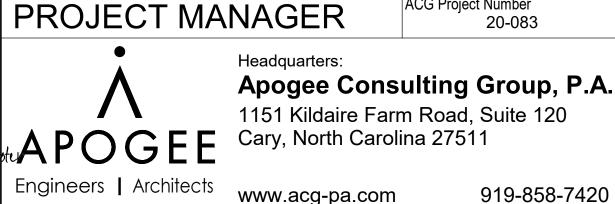
### **FULLY SPRINKLERED**

CONSULTANTS: Revisions: Date









Office of Construction and Facilities Management

Replace adhesive walk-off mats at entrance and exit of work area. Replace used

0. Remove or isolate HVAC system in area where work is being done to prevent

mats in accordance with manufacturer's recommendations.

U.S. Department of Veterans Affairs

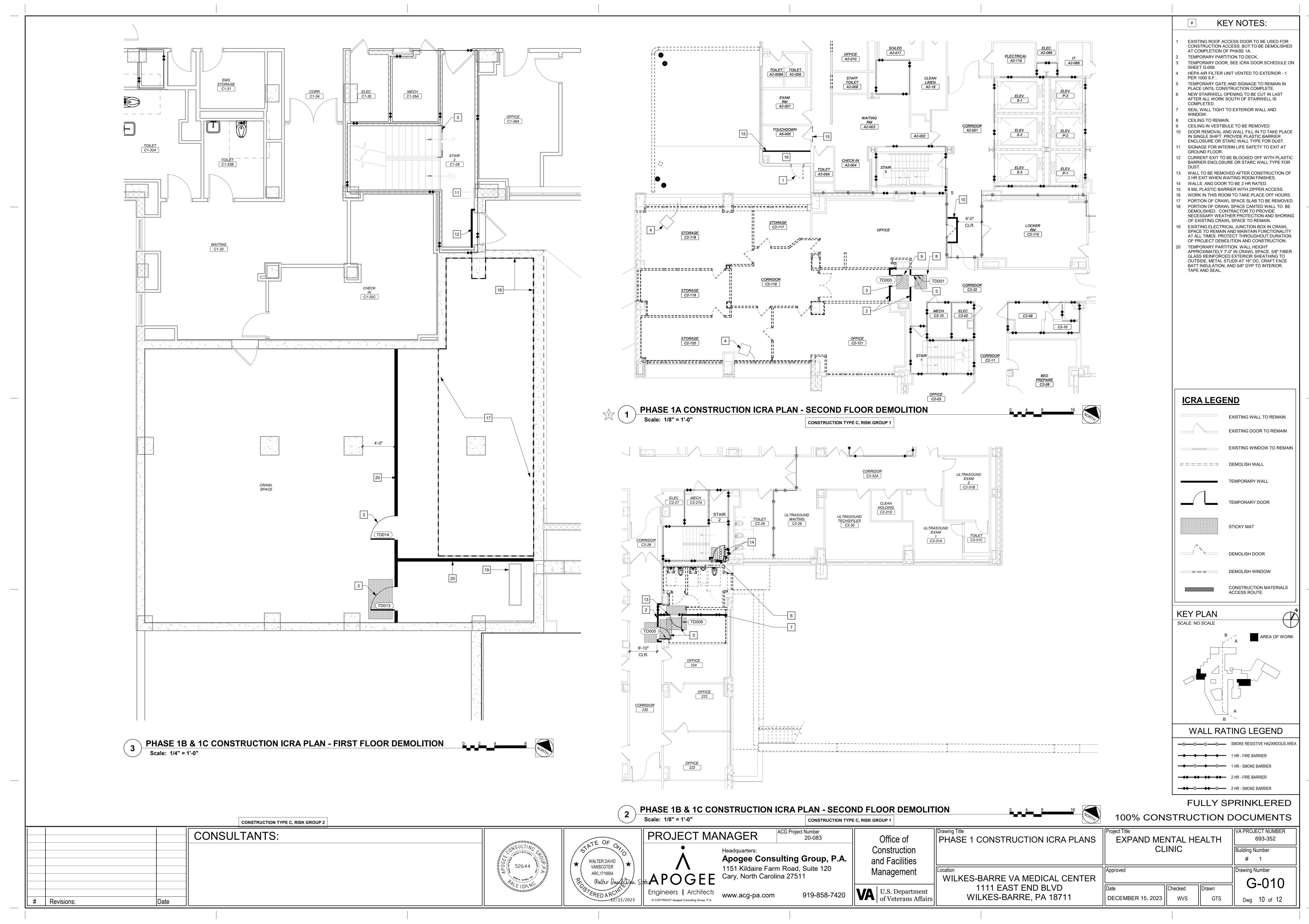
ICRA INFORMATION AND DETAILS WILKES-BARRE VA MEDICAL CENTER 1111 EAST END BLVD

**EXPAND MENTAL HEALTH** CLINIC Checked WILKES-BARRE, PA 18711 DECEMBER 15, 2023 WVS

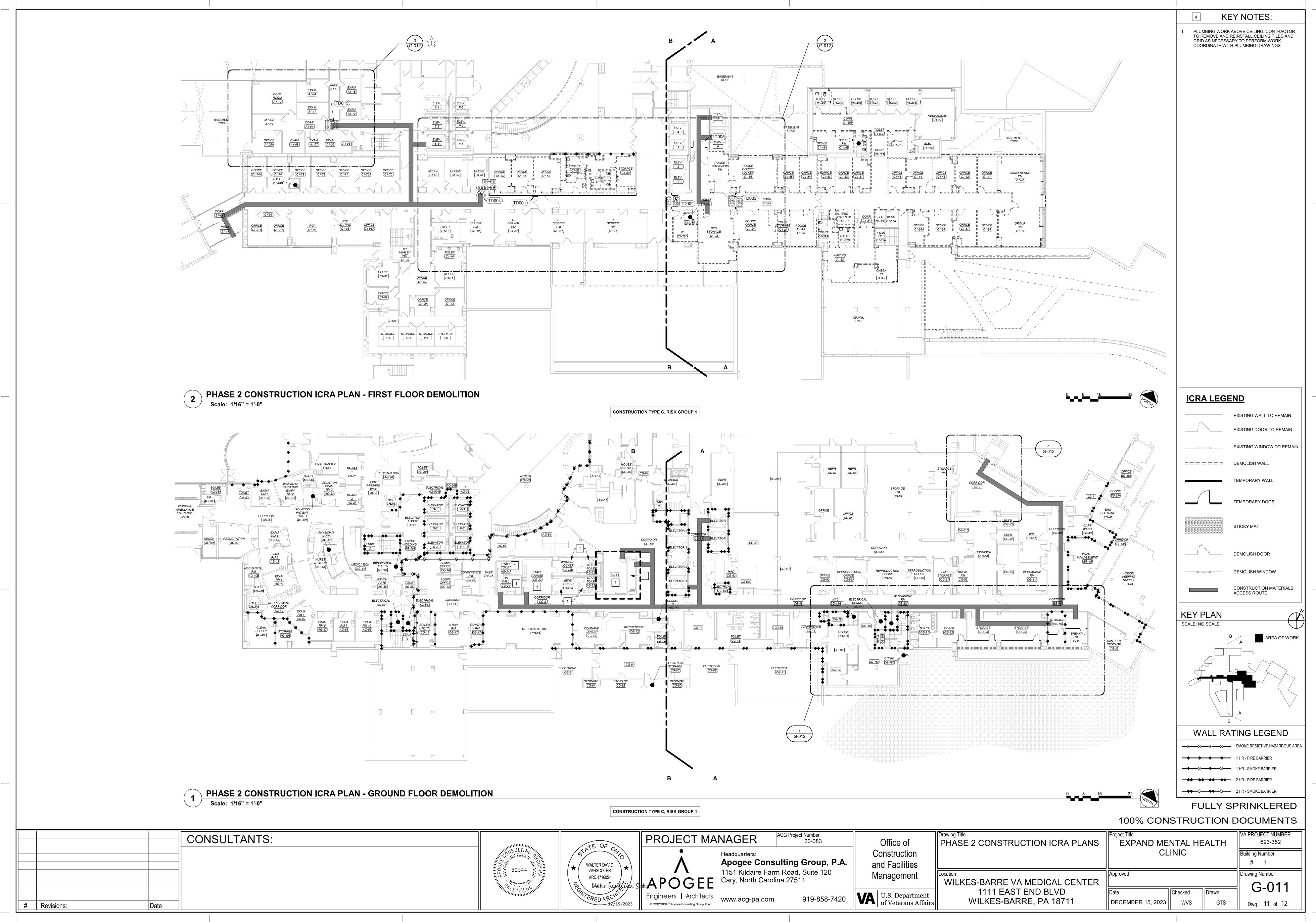
100% CONSTRUCTION DOCUMENTS VA PROJECT NUMBER 693-352 Building Number

# 1 Drawing Number G-009 Drawn GTS Dwg 9 of 12

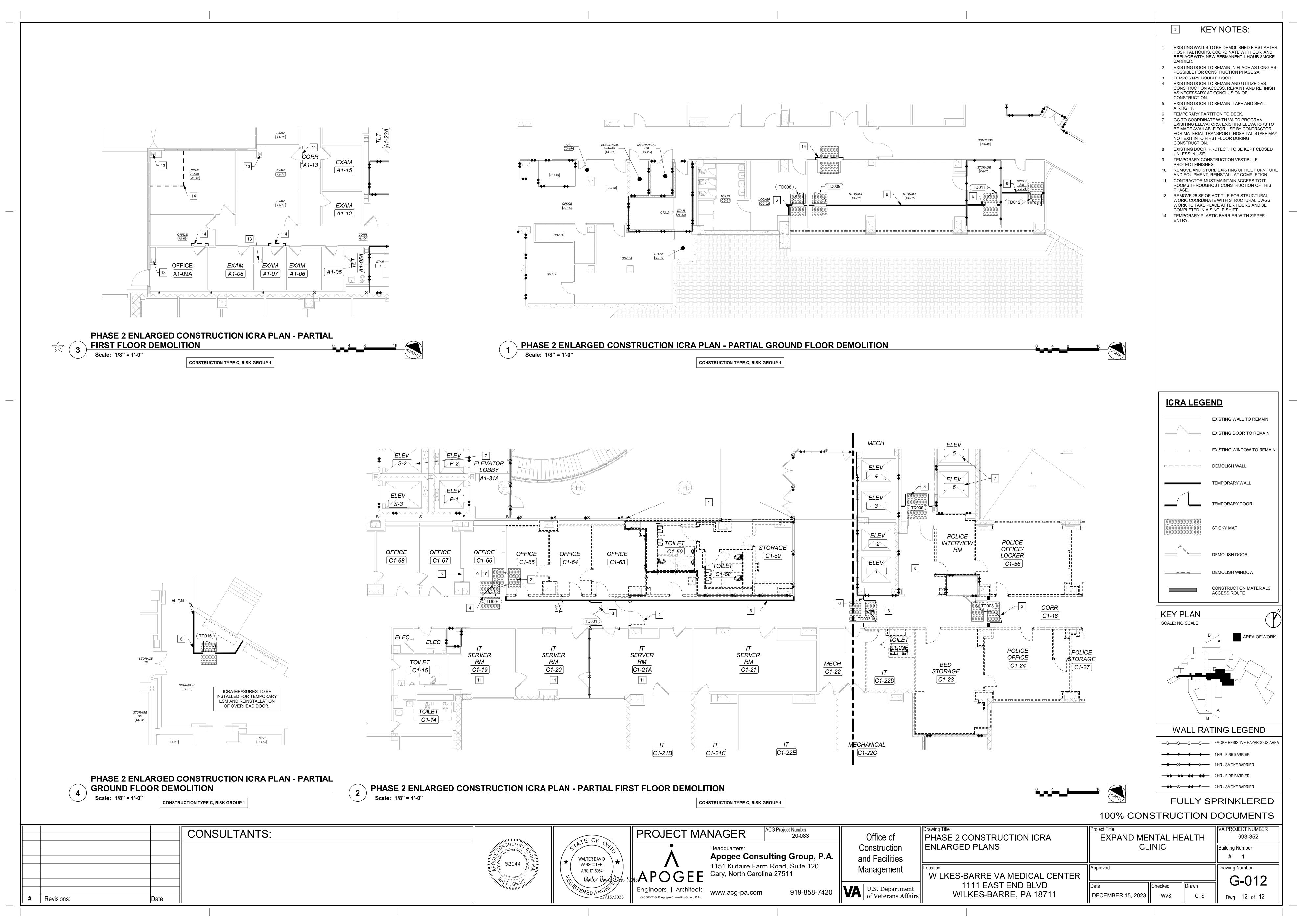
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