

JAMES E. VAN ZANDT VA MEDICAL CENTER

2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602

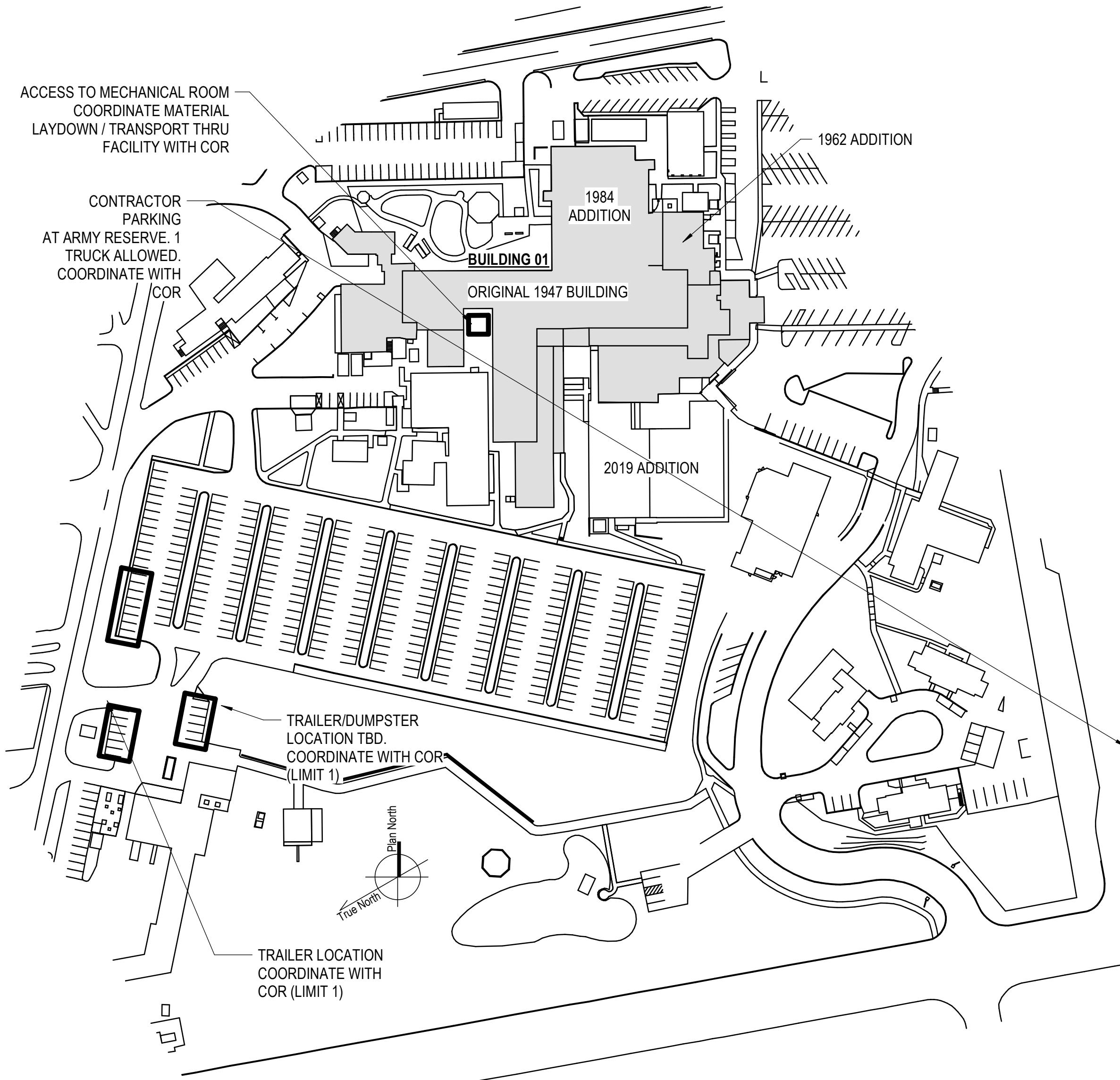
VAMC PROJECT #: 503-19-112

REPLACE STEAM SYSTEMS

AREA OF WORK

AERIAL IMAGE

SHEET INDEX



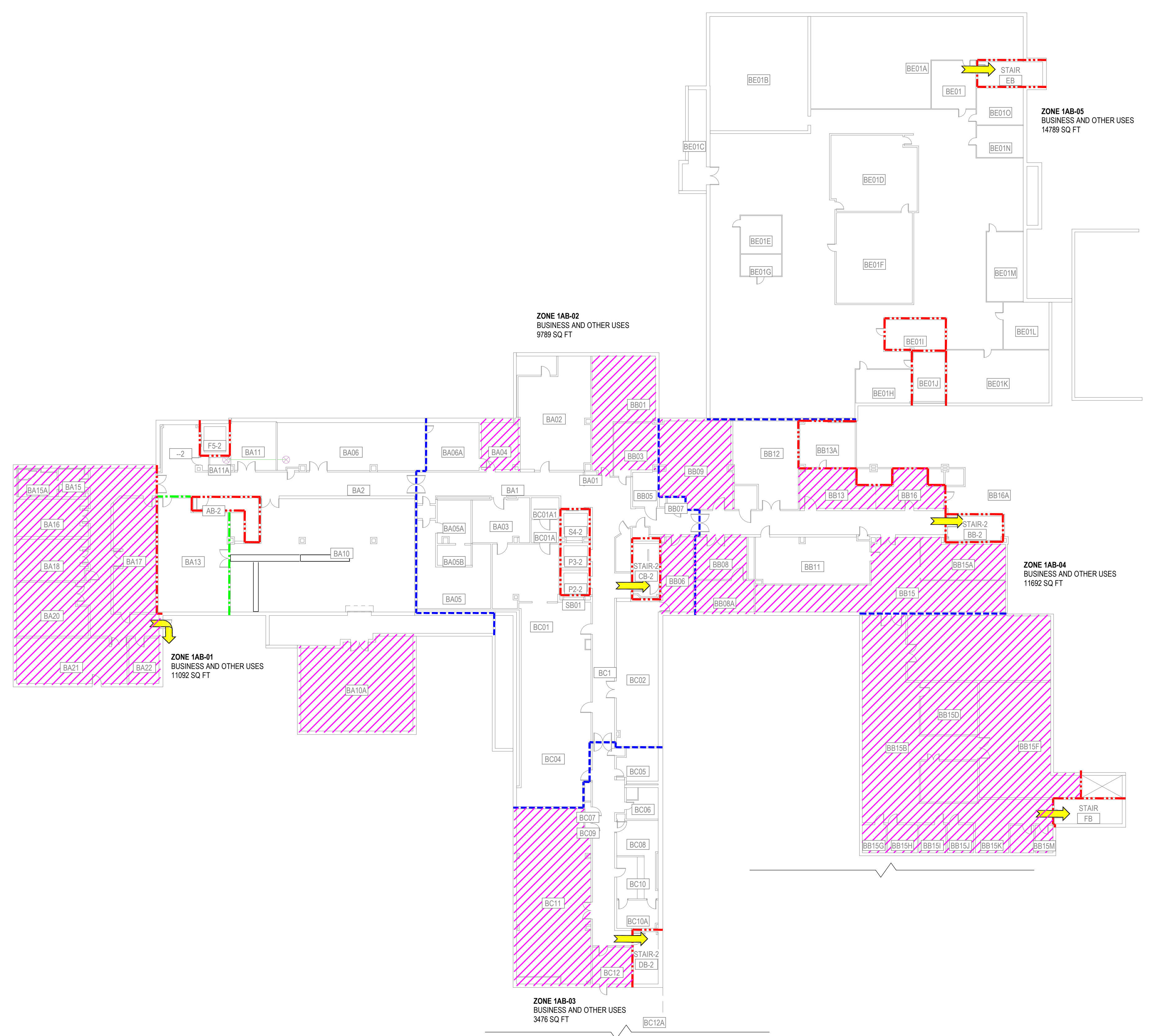
SHEET NO.	SHEET NAME	SHEET NO.	SHEET NAME
GENERAL			
GI001	COVER	MD301	BUILDING 3 - BOILER PLANT DEMOLITION PLAN
GI101	BASEMENT LIFE SAFETY REFERENCE PLAN	MD302	BUILDING 3 - GARAGE DEMOLITION PLAN
GI111	1ST FLOOR LIFE SAFETY REFERENCE PLAN	MD321	BUILDING 32 - DEMOLITION PLAN
GI121	2ND FLOOR LIFE SAFETY REFERENCE PLAN	MD701	BUILDING 7 - DEMOLITION PLAN
GI131	3RD FLOOR LIFE SAFETY REFERENCE PLAN	MD801	EXISTING MECHANICAL ROOM REFERENCE PHOTOS
GI141	4TH FLOOR LIFE SAFETY REFERENCE PLAN	MD802	EXISTING BUILDING 3 REFERENCE PHOTOS
GI151	5TH FLOOR LIFE SAFETY REFERENCE PLAN	MD803	MECHANICAL AXONOMETRIC VIEWS - EXISTING & DEMO
GI161	6TH FLOOR LIFE SAFETY REFERENCE PLAN	MD901	DEMO RISER DIAGRAM STEAM LOW PRESSURE
GI171	7TH FLOOR LIFE SAFETY REFERENCE PLAN	MD902	DEMO RISER DIAGRAM STEAM LOW PRESSURE
GI321	BUILDING 32 - BASEMENT LIFE SAFETY REFERENCE PLAN	MD903	DEMO RISER DIAGRAM STEAM LOW PRESSURE
GC001	PHASING SCHEDULE, NOTES, AND LEGEND	MD904	DEMO RISER DIAGRAM STEAM MEDIUM PRESSURE
GC101	BASEMENT PHASING PLAN	MD905	DEMO RISER DIAGRAM STEAM MEDIUM PRESSURE
GC111	1ST FLOOR PHASING PLAN	MP102	PLAN NORTH BASEMENT MECHANICAL NEW WORK PLAN
GC111A	1ST FLOOR PHASING PLAN	MP103	PLAN WEST BASEMENT MECHANICAL PIPING NEW WORK PLAN
GC121	2ND FLOOR PHASING PLAN	MP104	PLAN EAST BASEMENT MECHANICAL NEW WORK PLAN
GC131	3RD FLOOR PHASING PLAN	MP105	PLAN SOUTHWEST BASEMENT MECHANICAL NEW WORK PLAN
GC141	4TH FLOOR PHASING PLAN	MP106	PLAN SOUTHEAST BASEMENT PIPING NEW WORK PLAN
GC151	5TH THROUGH 7TH FLOOR PHASING PLAN	MP112	PLAN NORTH 1ST FLOOR MECHANICAL NEW WORK PLAN
ARCHITECTURAL			
AE112	PLAN NORTH 1ST FLOOR ARCHITECTURAL PLAN	MP113	PLAN WEST 1ST FLOOR MECHANICAL NEW WORK PLAN
AE113	PLAN WEST 1ST FLOOR ARCHITECTURAL PLAN	MP114	PLAN EAST 1ST FLOOR MECHANICAL NEW WORK PLAN
AE114	PLAN EAST 1ST FLOOR ARCHITECTURAL PLAN	MP115	PLAN SOUTHWEST 1ST FLOOR MECHANICAL NEW WORK PLAN
AE115	PLAN SOUTHWEST 1ST FLOOR ARCHITECTURAL PLAN	MP116	PLAN SOUTHEAST 1ST FLOOR PLAN
AE122	PLAN NORTH 2ND FLOOR ARCHITECTURAL PLAN	MP122	PLAN NORTH 2ND FLOOR MECHANICAL NEW WORK PLAN
AE123	PLAN WEST 2ND FLOOR ARCHITECTURAL PLAN	MP123	PLAN WEST 2ND FLOOR MECHANICAL NEW WORK PLAN
AE124	PLAN EAST 2ND FLOOR ARCHITECTURAL PLAN	MP124	PLAN EAST 2ND FLOOR MECHANICAL NEW WORK PLAN
AE125	PLAN SOUTHWEST 2ND FLOOR ARCHITECTURAL PLAN	MP125	PLAN SOUTHWEST 2ND FLOOR MECHANICAL NEW WORK PLAN
AE132	PLAN NORTH 3RD FLOOR ARCHITECTURAL PLAN	MP132	PLAN NORTH 3RD FLOOR MECHANICAL NEW WORK PLAN
AE133	PLAN WEST 3RD FLOOR ARCHITECTURAL PLAN	MP133	PLAN WEST 3RD FLOOR MECHANICAL NEW WORK PLAN
AE134	PLAN EAST 3RD FLOOR ARCHITECTURAL PLAN	MP134	PLAN EAST 3RD FLOOR MECHANICAL NEW WORK PLAN
AE135	PLAN SOUTHWEST 3RD FLOOR ARCHITECTURAL PLAN	MP135	SOUTHWEST ROOF PLAN
AE143	PLAN WEST 4TH FLOOR ARCHITECTURAL PLAN	MP136	PLAN SOUTHEAST ROOF MECHANICAL PIPING NEW WORK PLAN
AE144	PLAN EAST 4TH FLOOR ARCHITECTURAL PLAN	MP142	PLAN NORTH 4TH FLOOR MECHANICAL NEW WORK PLAN
AE145	PLAN SOUTHWEST 4TH FLOOR ARCHITECTURAL PLAN	MP143	PLAN WEST 4TH FLOOR MECHANICAL NEW WORK PLAN
AE153	PLAN WEST 5TH FLOOR ARCHITECTURAL PLAN	MP144	PLAN EAST 4TH FLOOR MECHANICAL NEW WORK PLAN
AE154	PLAN EAST 5TH FLOOR ARCHITECTURAL PLAN	MP152	PLAN NORTH ROOF MECHANICAL NEW WORK PLAN
AE163	PLAN WEST 6TH FLOOR ARCHITECTURAL PLAN	MP153	PLAN WEST 5TH FLOOR MECHANICAL NEW WORK PLAN
AE164	PLAN EAST 6TH FLOOR ARCHITECTURAL PLAN	MP154	PLAN EAST 5TH FLOOR MECHANICAL NEW WORK PLAN
AE174	PLAN EAST 7TH FLOOR ARCHITECTURAL PLAN	MP163	PLAN WEST 6TH FLOOR MECHANICAL NEW WORK PLAN
AE321	BUILDING 32 - DOOR REPLACEMENT	MP164	PLAN EAST 6TH FLOOR MECHANICAL NEW WORK PLAN
AE411	ENLARGED PLANS	MP173	PLAN WEST 7TH FLOOR MECHANICAL NEW WORK PLAN
MECHANICAL			
M-001	MECHANICAL ABBREVIATIONS AND GENERAL NOTES	MP174	PLAN EAST 7TH FLOOR MECHANICAL NEW WORK PLAN
M-002	MECHANICAL SYMBOLS AND LEGENDS	MP201	BUILDING 2 - STEAM PIPING PLAN
M-501	MECHANICAL DETAILS	MP301	BUILDING 3 - BOILER PLANT STEAM PIPING PLAN
M-502	MECHANICAL DETAILS	MP302	BUILDING 3 - GARAGE STEAM PIPING PLAN
M-503	MECHANICAL DETAILS	MP321	BUILDING 32 - STEAM PIPING PLAN
M-601	MECHANICAL SCHEDULES	MP701	BUILDING 7 - STEAM PIPING PLAN
M-602	MECHANICAL SCHEDULES	MP801	MECHANICAL ROOM ENLARGEMENTS
M-701	MECHANICAL CONTROLS	MP802	MECHANICAL ROOM ENLARGEMENT
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MD102	PLAN NORTH BASEMENT - DEMOLITION PLAN	MP804	MECHANICAL ROOM SECTIONS
MD103	PLAN WEST BASEMENT - DEMOLITION PLAN	MP805	MECHANICAL AXONOMETRIC VIEWS - NEW WORK
MD104	PLAN EAST BASEMENT - DEMOLITION PLAN	MP901	NEW STEAM SYSTEM RISER DIAGRAM
MD105	PLAN SOUTHWEST BASEMENT - DEMOLITION PLAN	MP902	NEW STEAM SYSTEM RISER DIAGRAM
MD106	PLAN SOUTHEAST BASEMENT - DEMOLITION PLAN	ELECTRICAL	
MD112	PLAN NORTH 1ST FLOOR - DEMOLITION PLAN	E-001	ELECTRICAL ABBREVIATIONS AND GENERAL NOTES
MD113	PLAN WEST 1ST FLOOR - DEMOLITION PLAN	E-002	ELECTRICAL SYMBOLS
MD114	PLAN EAST 1ST FLOOR - DEMOLITION PLAN	ED102	PLAN NORTH BASEMENT - ELECTRICAL DEMOLITION PLAN
MD115	PLAN SOUTHWEST 1ST FLOOR - DEMOLITION PLAN	ED103	PLAN WEST BASEMENT - ELECTRICAL DEMOLITION PLAN
MD116	PLAN SOUTHEAST 1ST FLOOR DEMO PLAN	ED104	PLAN EAST BASEMENT - ELECTRICAL DEMOLITION PLAN
MD122	PLAN NORTH 2ND FLOOR - DEMOLITION PLAN	ED105	PLAN SOUTHWEST BASEMENT - ELECTRICAL DEMOLITION PLAN
MD123	PLAN WEST 2ND FLOOR - DEMOLITION PLAN	ED112	PLAN NORTH 1ST FLOOR - ELECTRICAL DEMOLITION PLAN
MD124	PLAN EAST 2ND FLOOR - DEMOLITION PLAN	ED142	PLAN NORTH 4TH FLOOR - ELECTRICAL DEMOLITION PLAN
MD125	PLAN SOUTHWEST 2ND FLOOR - DEMOLITION PLAN	ED201	BUILDING 2 - ELECTRICAL DEMOLITION PLAN
MD132	PLAN NORTH 3RD FLOOR - DEMOLITION PLAN	ED301	BUILDING 3 - BOILER PLANT ELECTRICAL DEMOLITION PLAN
MD133	PLAN WEST 3RD FLOOR - DEMOLITION PLAN	ED302	BUILDING 3 - GARAGE ELECTRICAL DEMOLITION PLAN
MD134	PLAN EAST 3RD FLOOR - DEMOLITION PLAN	ED701	BUILDING 7 - ELECTRICAL DEMOLITION PLAN
MD135	PLAN SOUTHWEST 3RD FLOOR - DEMOLITION PLAN	EP102	PLAN NORTH BASEMENT ELECTRICAL NEW WORK PLAN
MD142	PLAN NORTH 4TH FLOOR - DEMOLITION PLAN	EP103	PLAN WEST BASEMENT ELECTRICAL PLAN
MD143	PLAN WEST 4TH FLOOR - DEMOLITION PLAN	EP104	BASEMENT ELECTRICAL POWER PLAN
MD144	PLAN EAST 4TH FLOOR - DEMOLITION PLAN	EP105	PLAN SOUTHWEST BASEMENT - ELECTRICAL POWER PLAN
MD152	PLAN NORTH ROOF - DEMOLITION PLAN	EP112	PLAN NORTH 1ST FLOOR - ELECTRICAL POWER PLAN
MD153	PLAN WEST 5TH FLOOR - DEMOLITION PLAN	EP113	PLAN WEST 1ST FLOOR - ELECTRICAL PLAN
MD154	PLAN EAST 5TH FLOOR - DEMOLITION PLAN	EP142	PLAN NORTH 4TH FLOOR - ELECTRICAL POWER PLAN
MD163	PLAN WEST 6TH FLOOR - DEMOLITION PLAN	EP181	BUILDING 1 PENTHOUSE
MD164	PLAN EAST 6TH FLOOR - DEMOLITION PLAN	EP201	BUILDING 2 - ELECTRICAL POWER PLAN
MD173	PLAN WEST 7TH FLOOR - DEMOLITION PLAN	EP301	BUILDING 3 - BOILER PLANT ELECTRICAL POWER PLAN
MD174	PLAN EAST 7TH FLOOR - DEMOLITION PLAN	EP302	BUILDING 3 - GARAGE ELECTRICAL POWER PLAN
MD201	BUILDING 2 - DEMOLITION PLAN	EP321	BUILDING 32 - ELECTRICAL POWER PLAN
		EP701	BUILDING 7 - ELECTRICAL POWER PLAN

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100% CONSTRUCTION DOCUMENTS - REV 1	09/30/2024	CONSULTANTS:	ARCHITECT/ENGINEERS:	STAMP:	Drawing Title COVER	Phase 100% CONSTRUCTION DOCUMENT	Project Title REPLACE STEAM SYSTEMS	Project Number 503-19-112		
			 VALHALLA ENGINEERING GROUP, LLC 750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 950-8307 WWW.VALHALLAENGINEERING.COM	 U.S. Department of Veterans Affairs	Approved: Project Director		Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602	Building Number 1		
Issued:	Date:						Issue Date 09/30/2024	Checked MB	Drawn RL	Drawing Number GI001

GENERAL NOTES

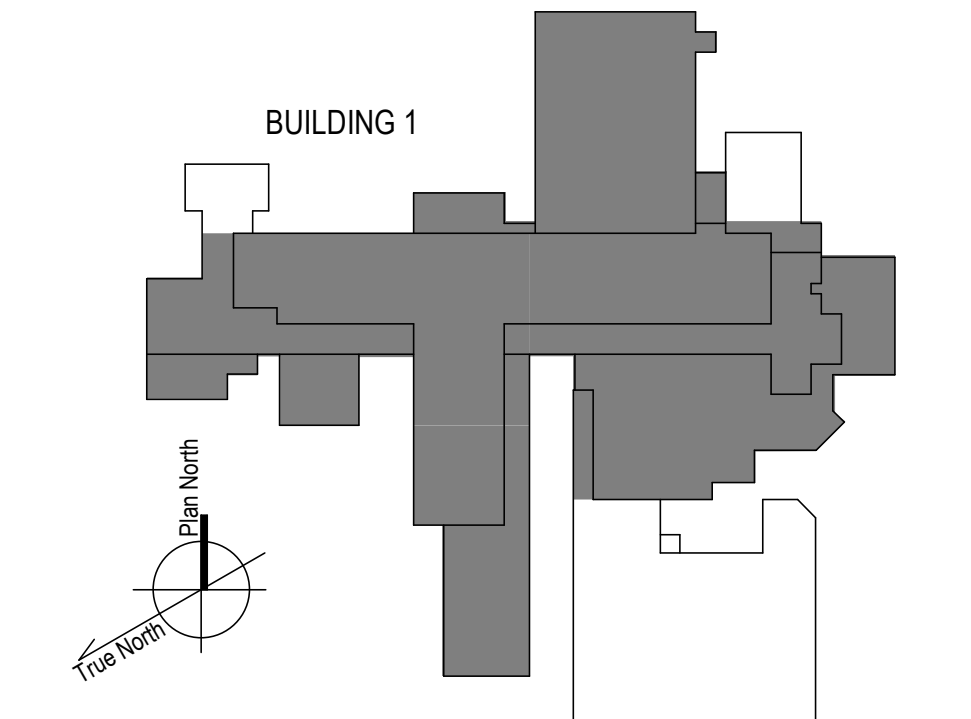
- A. G100-SERIES LIFE SAFETY PLANS HEREIN INDICATE EXISTING FIRE-RESISTIVE WALLS AND AREA DATA AS PROVIDED BY THE VHA. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SCOPE OF WORK. REFER TO SPECIFICATIONS FOR REQUIREMENTS OF WORK THAT AFFECTS FIRE-RESISTIVE CONSTRUCTION.
- B. REFER TO 'GC' SERIES SHEETS FOR WORK PHASING REQUIREMENTS.
- C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE VHA COR BEFORE PROCEEDING WITH WORK.
- D. REFER TO HAZARDOUS MATERIAL SURVEY IN THE SPECIFICATIONS. DO NOT PROCEED WITH DEMOLITION OR DISTURBANCE OF ITEMS CONTAINING HAZARDOUS MATERIALS UNTIL ABATEMENT IN ACCORDANCE WITH HAZARDOUS MATERIAL ABATEMENT SPECIFICATIONS HAS BEEN PERFORMED.



LIFE SAFETY REFERENCE LEGEND

- 2-HOUR FIRE SEPARATION (Red dashed line)
- 1-HOUR FIRE SEPARATION (Green dashed line)
- 1-HOUR SMOKE BARRIER (Blue dashed line)
- 0-HOUR SMOKE RESISTIVE (Cyan dotted line)
- EXIT (Yellow arrow)
- CHUTES/ACCESS/DISCHARGE (Pink hatched area)
- HAZARDOUS AREA (Purple hatched area)
- NON-SLEEPING SUITE (Yellow hatched area)

KEY PLAN



1 BASEMENT FLOOR - LIFE SAFETY REFERENCE PLAN
 1" = 20'-0"
 0 5 10 20 40 80
 True North

100% CONSTRUCTION DOCUMENTS - REV 1	09/30/2024
Issued:	Date:

CONSULTANTS:

ARCHITECT/ENGINEERS:

VALHALLA ENGINEERING GROUP, LLC

750 W HAMPODEN AVE
 SUITE 300
 ENGLEWOOD, CO 80110
 (720) 550-8307
 WWW.VALHALLAENGINEERING.COM

VEG 20.14

STAMP:

MITCH BIBLE
 ENGINEER
 10/01/2024



Drawing Title
BASEMENT LIFE SAFETY REFERENCE PLAN

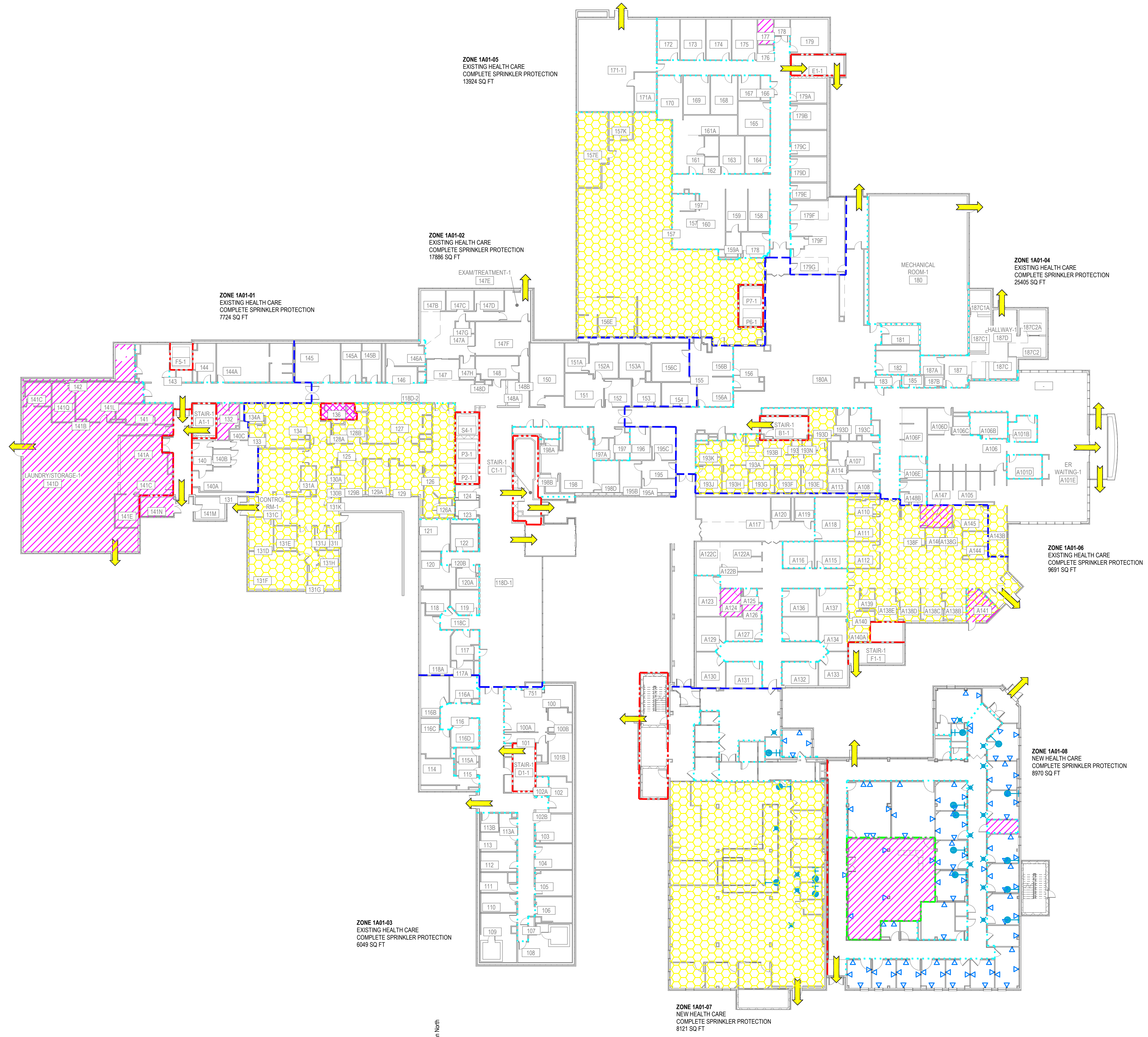
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENT

Project Title REPLACE STEAM SYSTEMS	Project Number 503-19-112
Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602	Building Number 1
Issue Date 09/30/2024	Checked MB
Drawn RL	Drawing Number G101

GENERAL NOTES

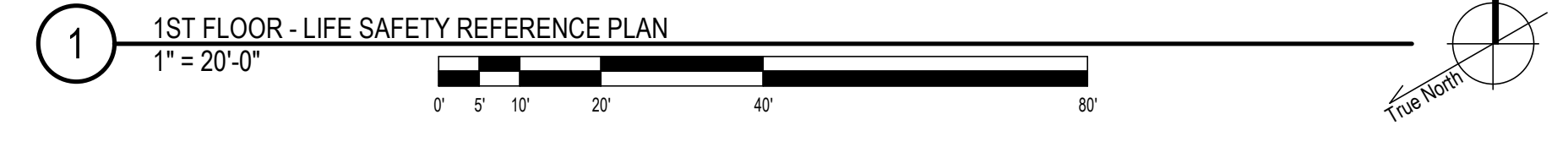
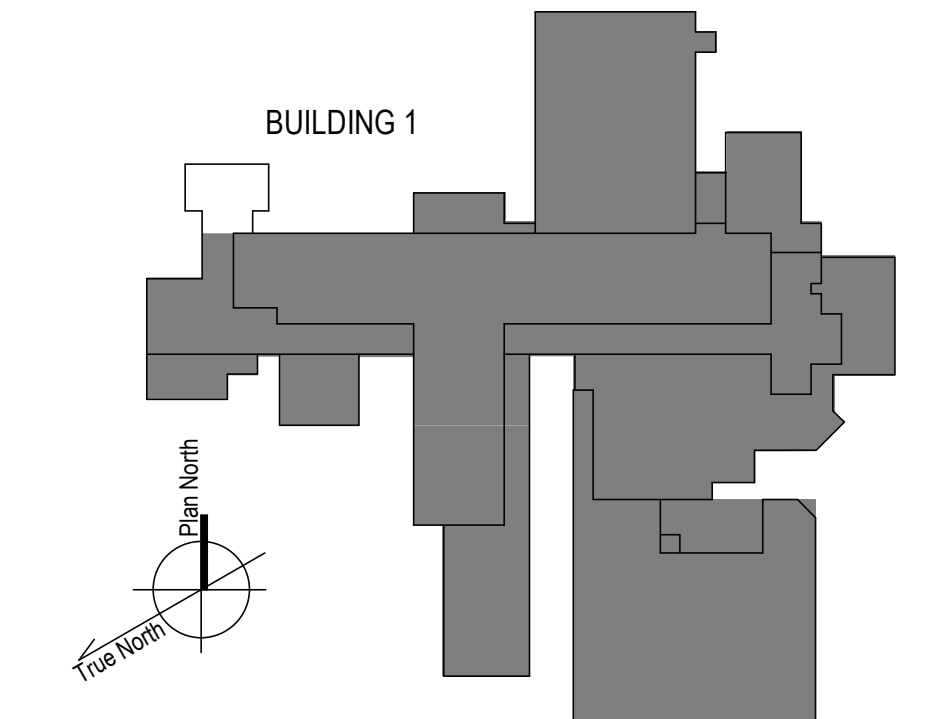
- A. G100-SERIES LIFE SAFETY PLANS HEREIN INDICATE EXISTING FIRE-RESISTIVE WALLS AND AREA DATA AS PROVIDED BY THE VHA. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SCOPE OF WORK. REFER TO SPECIFICATIONS FOR REQUIREMENTS OF WORK THAT AFFECTS FIRE-RESISTIVE CONSTRUCTION.
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LIFE SAFETY REFERENCE LEGEND

- - - 2-HOUR FIRE SEPARATION
- - - 1-HOUR FIRE SEPARATION
- - - 1-HOUR SMOKE BARRIER
- - - 0-HOUR SMOKE RESISTIVE
- EXIT
- CHUTES/ACCESS/DISCHARGE
- HAZARDOUS AREA
- NON-SLEEPING SUITE

KEY PLAN



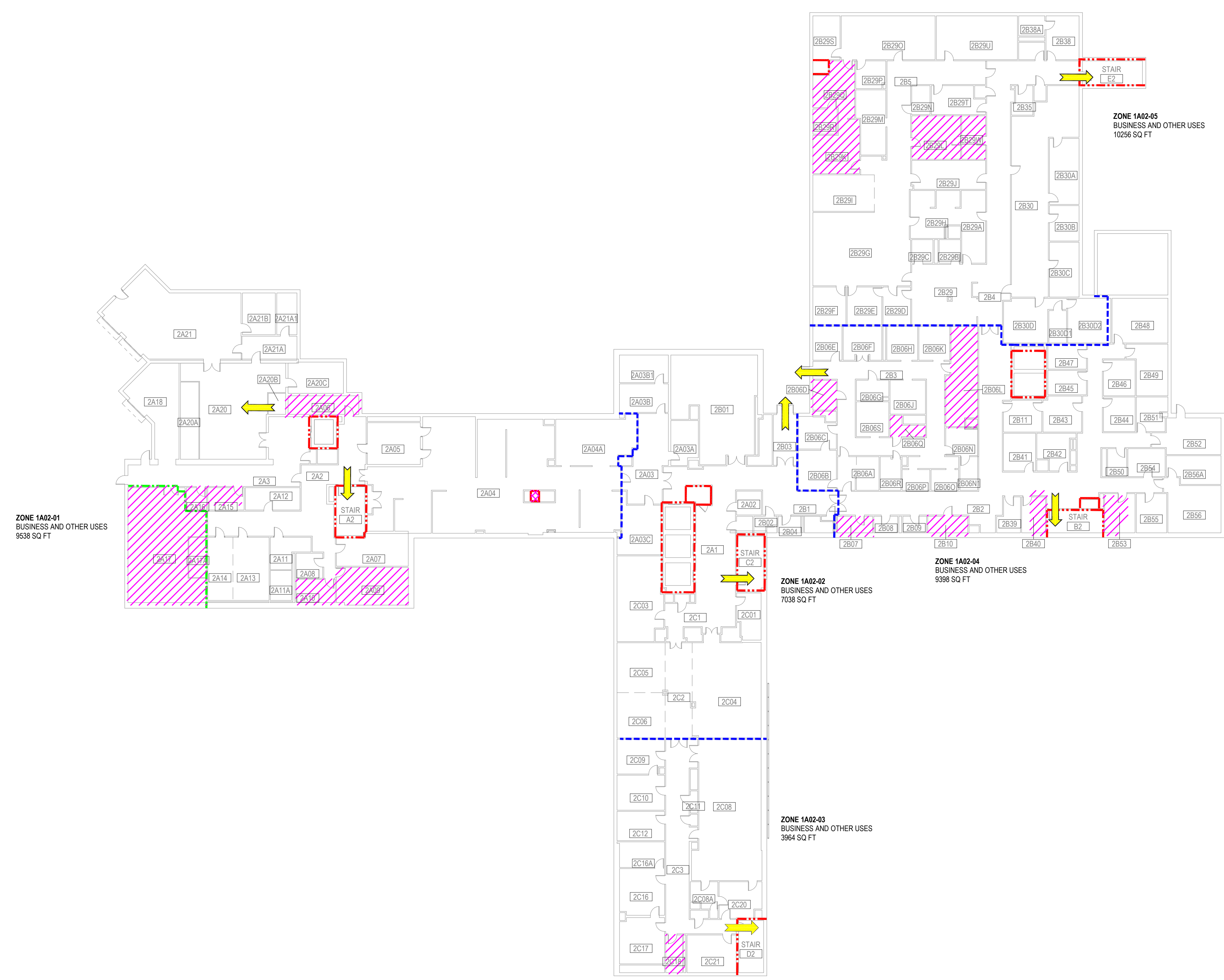
<p>100% CONSTRUCTION DOCUMENTS - REV 1</p> <p>09/30/2024</p> <p>Issued: _____ Date: _____</p>	<p>CONSULTANTS:</p>	<p>ARCHITECT/ENGINEERS:</p> <p>VALHALLA ENGINEERING GROUP, LLC</p> <p>750 W HAMPDEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-8307 WWW.VALHALLAENGINEERING.COM</p>	<p>STAMP:</p> <p><i>(Professional Engineer Seal)</i></p> <p>MITCH BIBLE ENGINEER 10/01/2024</p>	<p><i>(U.S. Department of Veterans Affairs Seal)</i></p> <p>U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>1ST FLOOR LIFE SAFETY REFERENCE PLAN</p> <p>Approved: Project Director</p>	<p>Phase</p> <p>100% CONSTRUCTION DOCUMENT</p>	<p>Project Title</p> <p>REPLACE STEAM SYSTEMS</p>	<p>Project Number</p> <p>503-19-112</p>
								<p>Building Number</p> <p>1</p>
								<p>Drawing Number</p> <p>G111</p>
								<p>Location</p> <p>2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602</p>
		<p>Issue Date</p> <p>09/30/2024</p>	<p>Checked</p> <p>MB</p>	<p>Drawn</p> <p>RL</p>				

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GENERAL NOTES

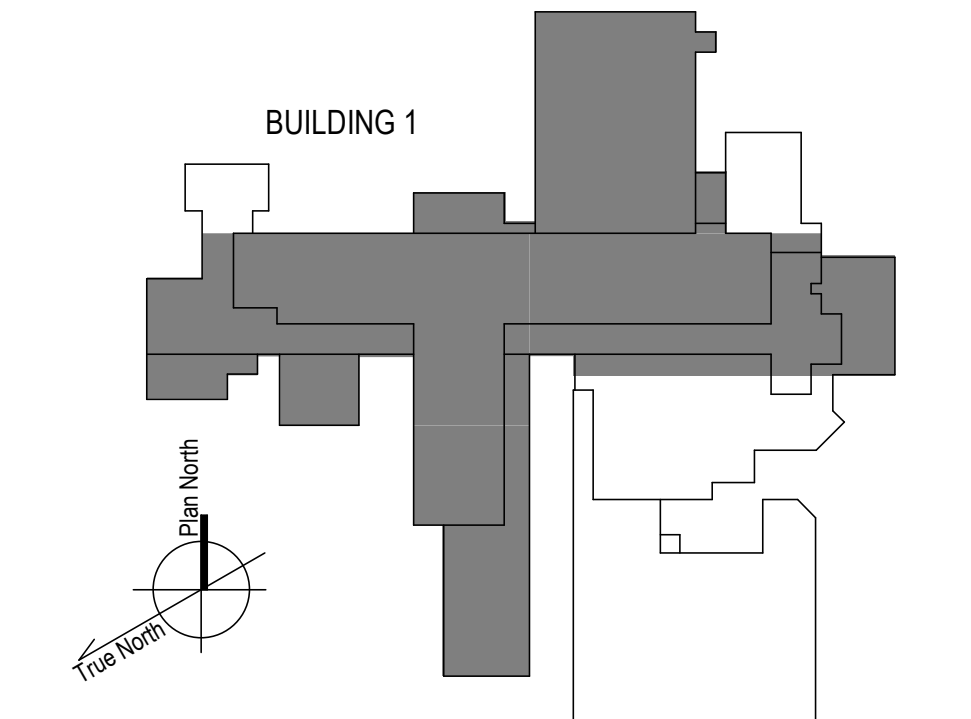
- A. G100-SERIES LIFE SAFETY PLANS HEREIN INDICATE EXISTING FIRE-RESISTIVE WALLS AND AREA DATA AS PROVIDED BY THE VHA. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SCOPE OF WORK. REFER TO SPECIFICATIONS FOR REQUIREMENTS OF WORK THAT AFFECTS FIRE-RESISTIVE CONSTRUCTION.
- B. REFER TO 'GC' SERIES SHEETS FOR WORK PHASING REQUIREMENTS.
- C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE VHA COR BEFORE PROCEEDING WITH WORK.
- D. REFER TO HAZARDOUS MATERIAL SURVEY IN THE SPECIFICATIONS. DO NOT PROCEED WITH DEMOLITION OR DISTURBANCE OF ITEMS CONTAINING HAZARDOUS MATERIALS UNTIL ABATEMENT IN ACCORDANCE WITH HAZARDOUS MATERIAL ABATEMENT SPECIFICATIONS HAS BEEN PERFORMED.



LIFE SAFETY REFERENCE LEGEND

- 2-HOUR FIRE SEPARATION
- 1-HOUR FIRE SEPARATION
- 1-HOUR SMOKE BARRIER
- 0-HOUR SMOKE RESISTIVE
- EXIT
- ▨ CHUTES/ACCESS/DISCHARGE
- ▨ HAZARDOUS AREA
- ▨ NON-SLEEPING SUITE

KEY PLAN



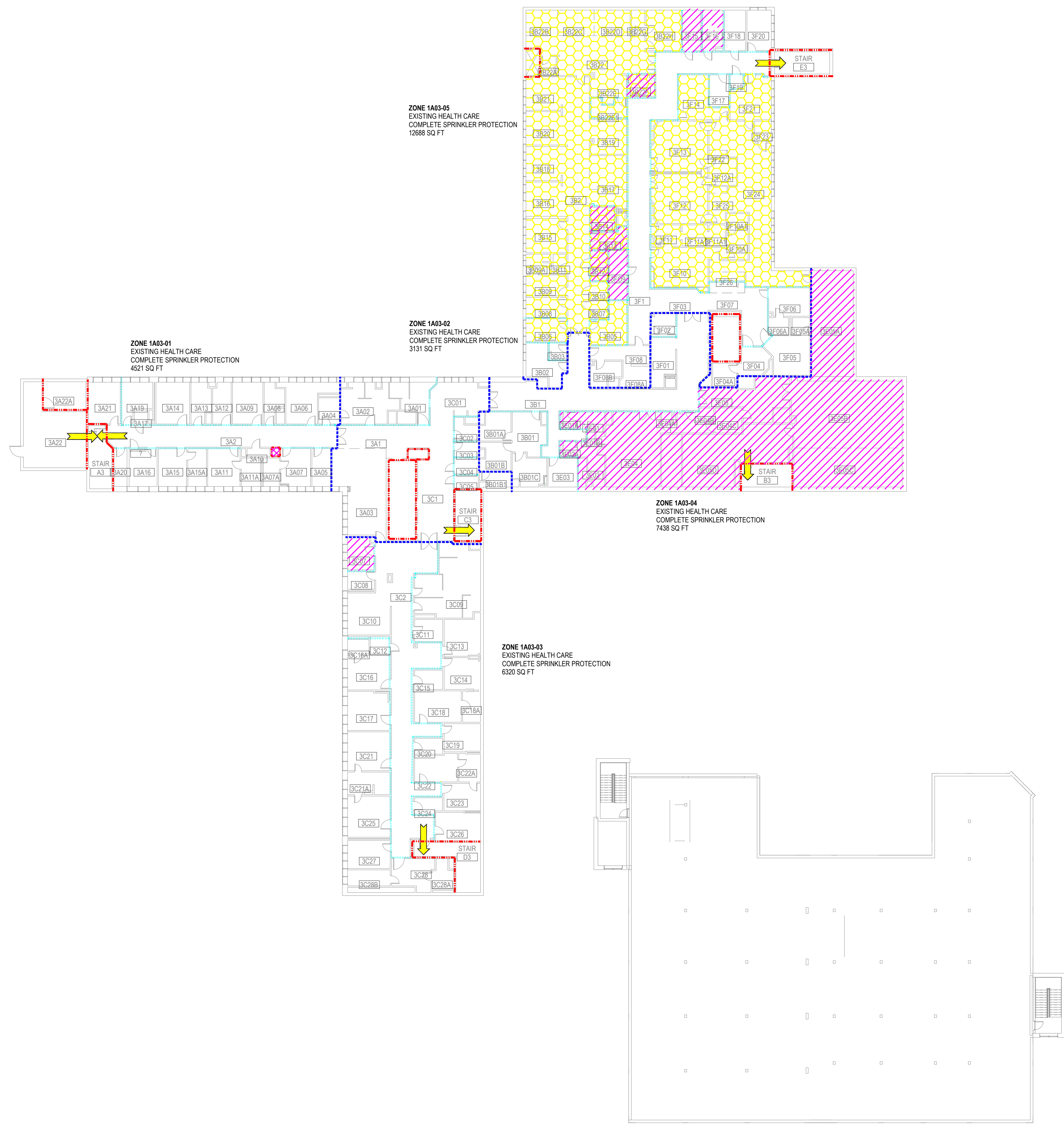
1 2ND FLOOR - LIFE SAFETY REFERENCE PLAN
 1" = 20'-0"

100% CONSTRUCTION DOCUMENTS - REV 1	09/30/2024	CONSULTANTS:	ARCHITECT/ENGINEERS: VALHALLA ENGINEERING GROUP, LLC 750 W HAMPDEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-8307 WWW.VALHALLAENGINEERING.COM	STAMP: MITCH BIBLE ENGINEER 10/01/2024	U.S. Department of Veterans Affairs	Drawing Title	Phase	Project Title	Project Number	
							2ND FLOOR LIFE SAFETY REFERENCE PLAN	100% CONSTRUCTION DOCUMENT	REPLACE STEAM SYSTEMS	503-19-112
Issued:	Date:					Approved: Project Director		Location	Drawing Number	
								2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602	G1121	
								Issue Date	Checked	Drawn
								09/30/2024	MB	RL

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GENERAL NOTES

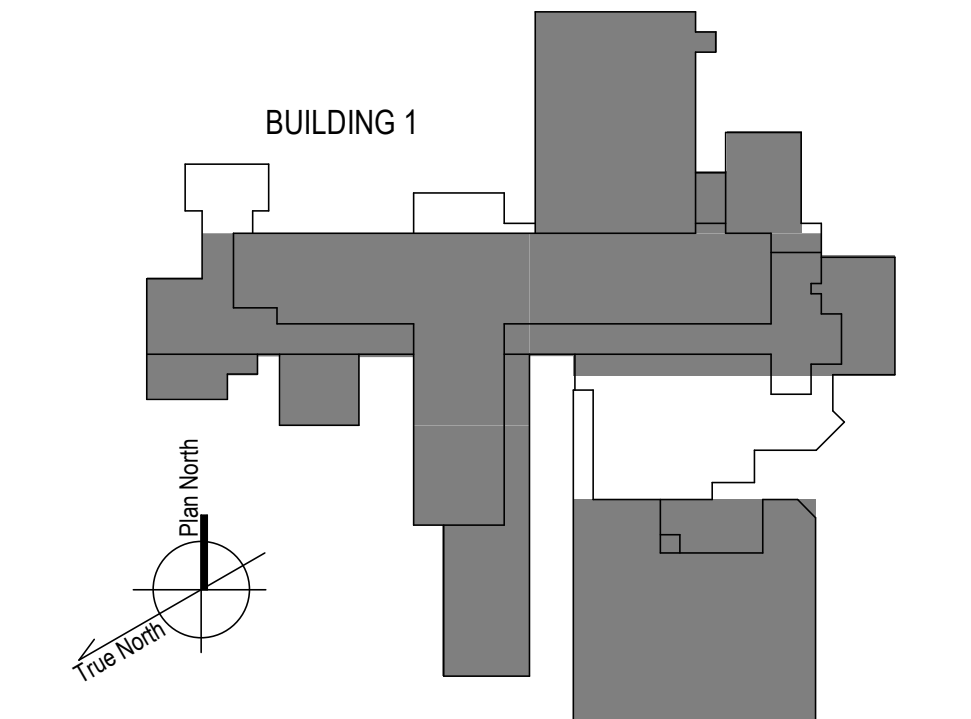
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KEY PLAN



1 3RD FLOOR - LIFE SAFETY REFERENCE PLAN
 1" = 20'-0"
 0 5 10 20 40 80
 True North
 Paper North

100% CONSTRUCTION DOCUMENTS - REV 1	09/30/2024
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CONSULTANTS:

ARCHITECT/ENGINEERS:

VALHALLA ENGINEERING GROUP, LLC

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 WWW.VALHALLAENGINEERING.COM

STAMP:

MITCH BIBLE
 ENGINEER
 10/01/2024



Drawing Title
3RD FLOOR LIFE SAFETY REFERENCE PLAN

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENT

Project Title
REPLACE STEAM SYSTEMS

Location
 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602

Issue Date
 09/30/2024

Checked
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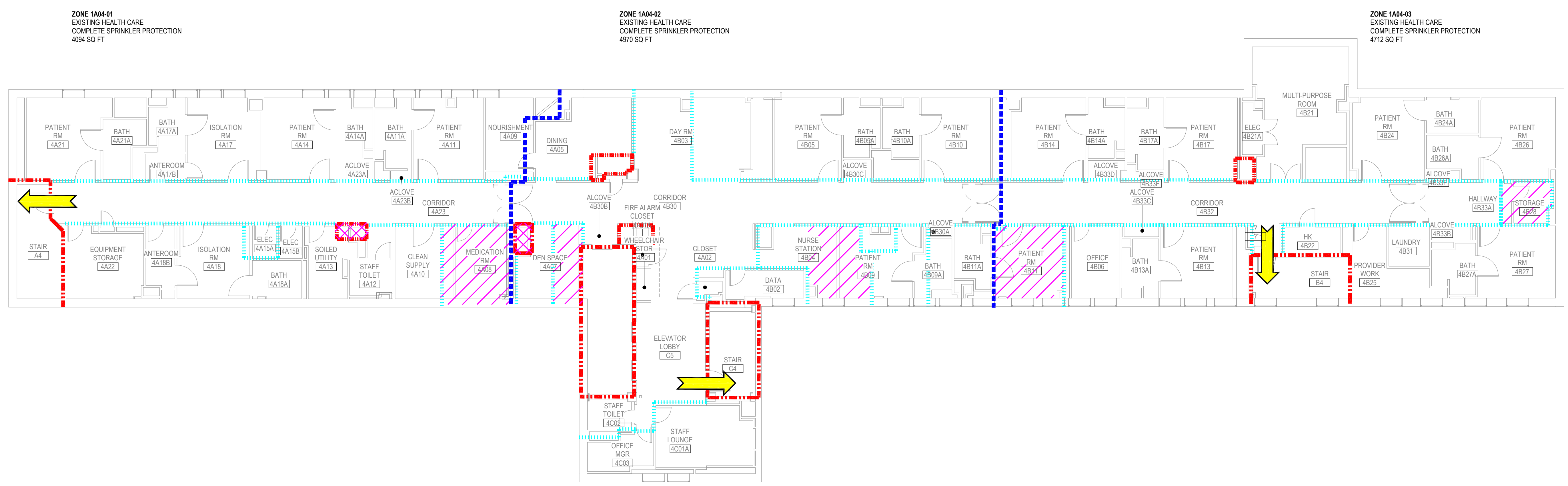
Project Number
 503-19-112

Building Number
 1

Drawing Number
G131

GENERAL NOTES

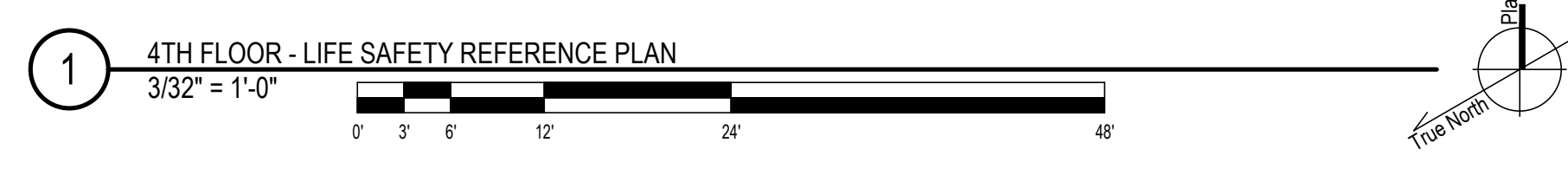
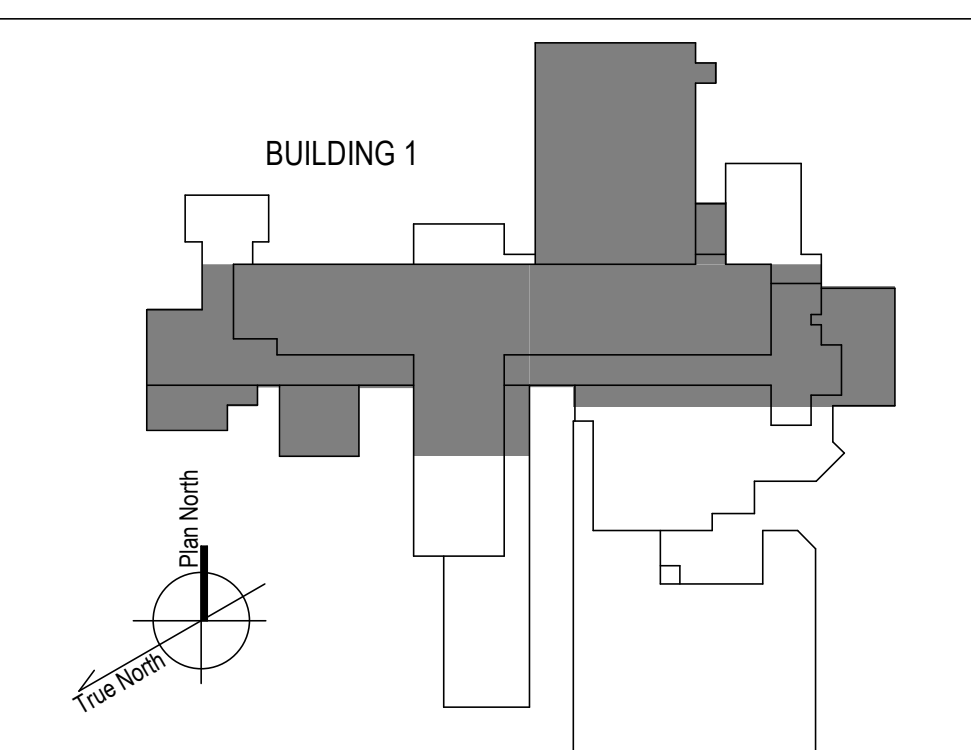
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- Blue dashed line: 1-HOUR SMOKE BARRIER
- Cyan dotted line: 0-HOUR SMOKE RESISTIVE
- Yellow arrow: EXIT
- Pink hatched box: CHUTES/ACCESS/DISCHARGE
- Purple hatched box: HAZARDOUS AREA
- Yellow hatched box: NON-SLEEPING SUITE

KEY PLAN

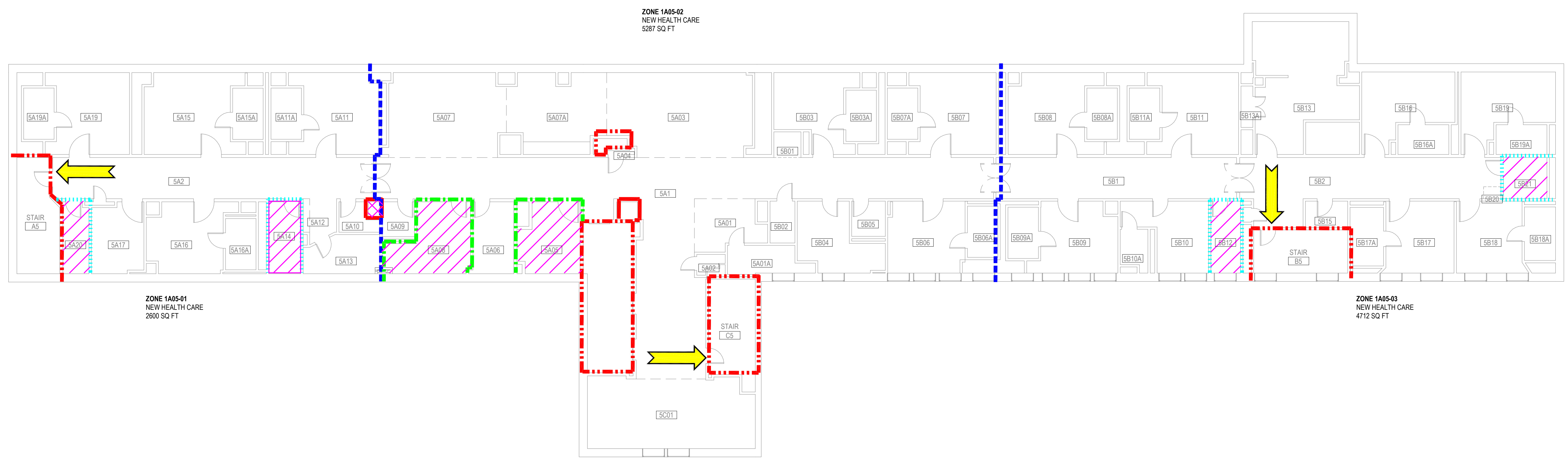


100% CONSTRUCTION DOCUMENTS - REV 1		Date: 09/30/2024		CONSULTANTS:		ARCHITECT/ENGINEERS:		STAMP:		Drawing Title		Phase		Project Title		Project Number	
Issued:		Date:				VALHALLA ENGINEERING GROUP, LLC		MITCH BIBLE		4TH FLOOR LIFE SAFETY REFERENCE PLAN		100% CONSTRUCTION DOCUMENT		REPLACE STEAM SYSTEMS		503-19-112	
						750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-8307 WWW.VALHALLAENGINEERING.COM		10/01/2024		Approved: Project Director				Location		Building Number	
VA FORM 08 - 6231								U.S. Department of Veterans Affairs						2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602		1	
														Issue Date		Drawing Number	
														09/30/2024		G141	
														Checked		Drawn	
														MB		RL	

GENERAL NOTES

- A. G100-SERIES LIFE SAFETY PLANS HEREIN INDICATE EXISTING FIRE-RESISTIVE WALLS AND AREA DATA AS PROVIDED BY THE VHA. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SCOPE OF WORK. REFER TO SPECIFICATIONS FOR REQUIREMENTS OF WORK THAT AFFECTS FIRE-RESISTIVE CONSTRUCTION.
- B. REFER TO 'GC' SERIES SHEETS FOR WORK PHASING REQUIREMENTS.
- C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE VHA COR BEFORE PROCEEDING WITH WORK.
- D. REFER TO HAZARDOUS MATERIAL SURVEY IN THE SPECIFICATIONS. DO NOT PROCEED WITH DEMOLITION OR DISTURBANCE OF ITEMS CONTAINING HAZARDOUS MATERIALS UNTIL ABATEMENT IN ACCORDANCE WITH HAZARDOUS MATERIAL ABATEMENT SPECIFICATIONS HAS BEEN PERFORMED.

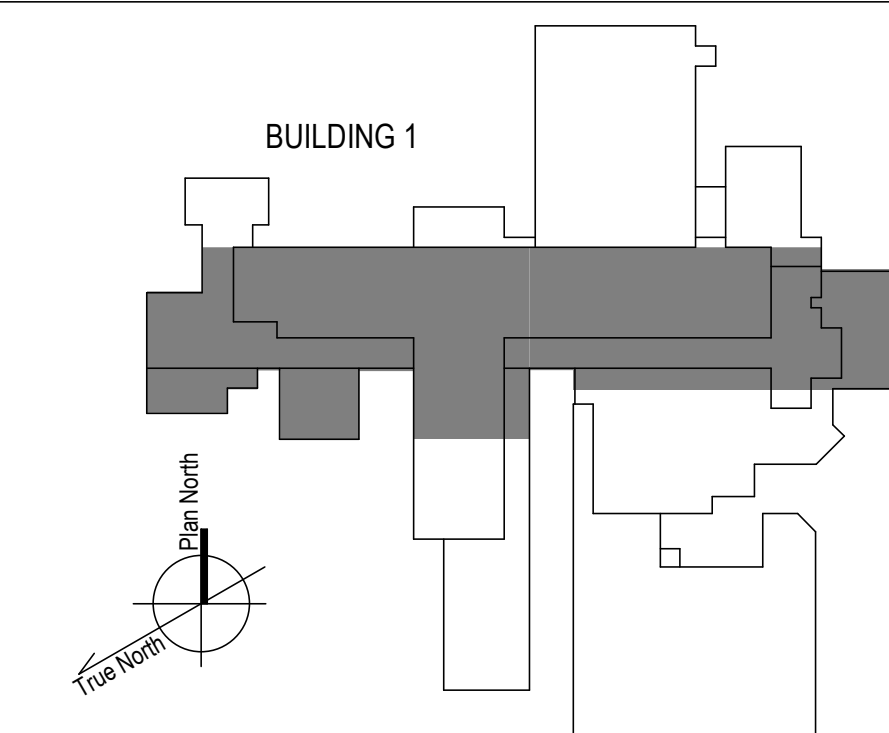
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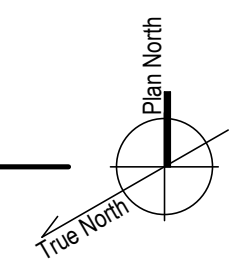
LIFE SAFETY REFERENCE LEGEND

- 2-HOUR FIRE SEPARATION
- 1-HOUR FIRE SEPARATION
- 1-HOUR SMOKE BARRIER
- 0-HOUR SMOKE RESISTIVE
- EXIT
- CHUTES/ACCESS/DISCHARGE
- HAZARDOUS AREA
- NON-SLEEPING SUITE

KEY PLAN



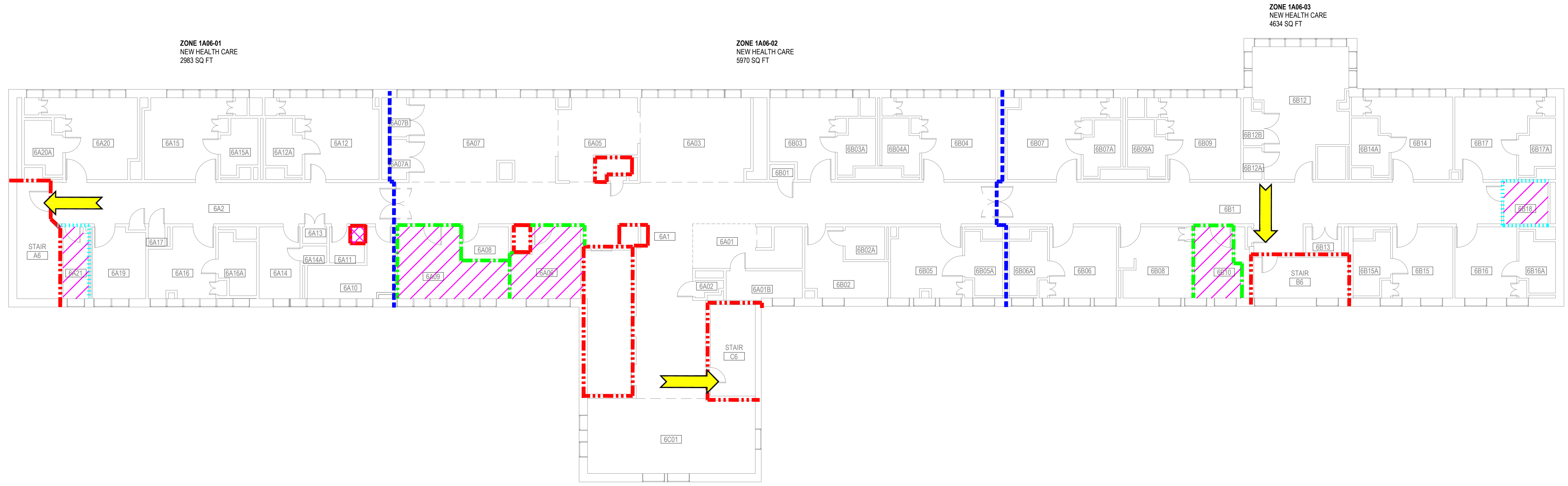
1 5TH FLOOR - LIFE SAFETY REFERENCE PLAN
3/32" = 1'-0"



100% CONSTRUCTION DOCUMENTS - REV 1 Issued: _____ Date: _____	Date: 09/30/2024	CONSULTANTS:	ARCHITECT/ENGINEERS: VALHALLA ENGINEERING GROUP, LLC 750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-6307 WWW.VALHALLAENGINEERING.COM	STAMP: 	U.S. Department of Veterans Affairs	Drawing Title 5TH FLOOR LIFE SAFETY REFERENCE PLAN Approved: Project Director	Phase 100% CONSTRUCTION DOCUMENT	Project Title REPLACE STEAM SYSTEMS Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602 Issue Date 09/30/2024	Project Number 503-19-112 Building Number 1 Drawing Number G151	Checked MB Drawn RL
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GENERAL NOTES

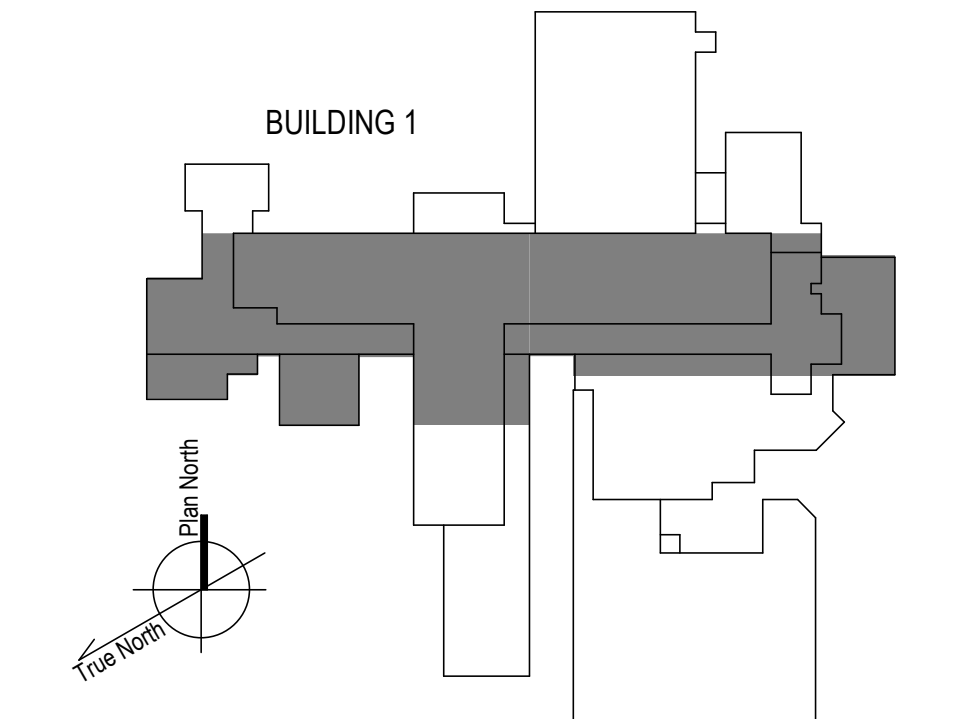
- A. G100-SERIES LIFE SAFETY PLANS HEREIN INDICATE EXISTING FIRE-RESISTIVE WALLS AND AREA DATA AS PROVIDED BY THE VHA. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SCOPE OF WORK. REFER TO SPECIFICATIONS FOR REQUIREMENTS OF WORK THAT AFFECTS FIRE-RESISTIVE CONSTRUCTION.
- B. REFER TO 'GC' SERIES SHEETS FOR WORK PHASING REQUIREMENTS.
- C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE VHA COR BEFORE PROCEEDING WITH WORK.
- D. REFER TO HAZARDOUS MATERIAL SURVEY IN THE SPECIFICATIONS. DO NOT PROCEED WITH DEMOLITION OR DISTURBANCE OF ITEMS CONTAINING HAZARDOUS MATERIALS UNTIL ABATEMENT IN ACCORDANCE WITH HAZARDOUS MATERIAL ABATEMENT SPECIFICATIONS HAS BEEN PERFORMED.



LIFE SAFETY REFERENCE LEGEND

- 2-HOUR FIRE SEPARATION (Red dashed line)
- 1-HOUR FIRE SEPARATION (Green dashed line)
- 1-HOUR SMOKE BARRIER (Blue dashed line)
- 0-HOUR SMOKE RESISTIVE (Cyan dotted line)
- EXIT (Yellow arrow)
- CHUTES/ACCESS/DISCHARGE (Pink hatched area)
- HAZARDOUS AREA (Pink hatched area)
- NON-SLEEPING SUITE (Yellow hatched area)

KEY PLAN



1 6TH FLOOR - LIFE SAFETY REFERENCE PLAN
 3/32" = 1'-0"
 0 3 6 12 24 48
 True North

100% CONSTRUCTION DOCUMENTS - REV 1		09/30/2024		CONSULTANTS:		ARCHITECT/ENGINEERS:		STAMP:		Drawing Title		Phase		Project Title		Project Number	
						VALHALLA ENGINEERING GROUP, LLC		 MITCH BIELE ENGINEER EC092820 10/01/2024		6TH FLOOR LIFE SAFETY REFERENCE PLAN		100% CONSTRUCTION DOCUMENT		REPLACE STEAM SYSTEMS		503-19-112	
Issued:		Date:				750 W HAMPTDEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-6307 WWW.VALHALLAENGINEERING.COM		 U.S. Department of Veterans Affairs		Approved: Project Director				Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602		Building Number 1	
VA FORM 08 - 6231						VEG 20.14								Issue Date 09/30/2024		Drawing Number G161	
														Checked MB		Drawn RL	

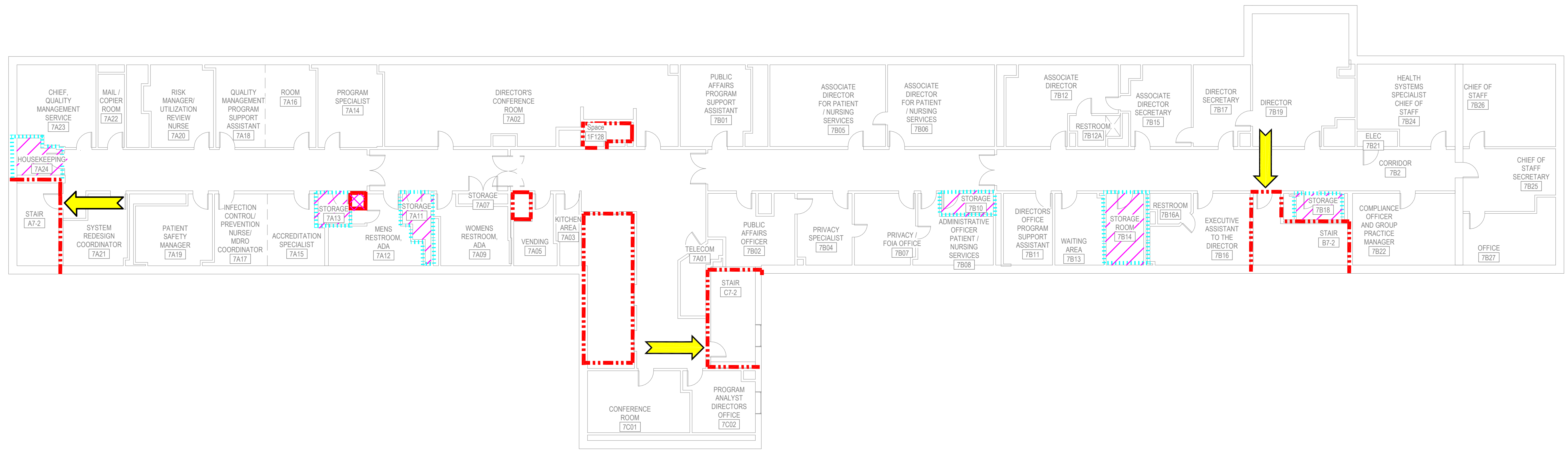
GENERAL NOTES

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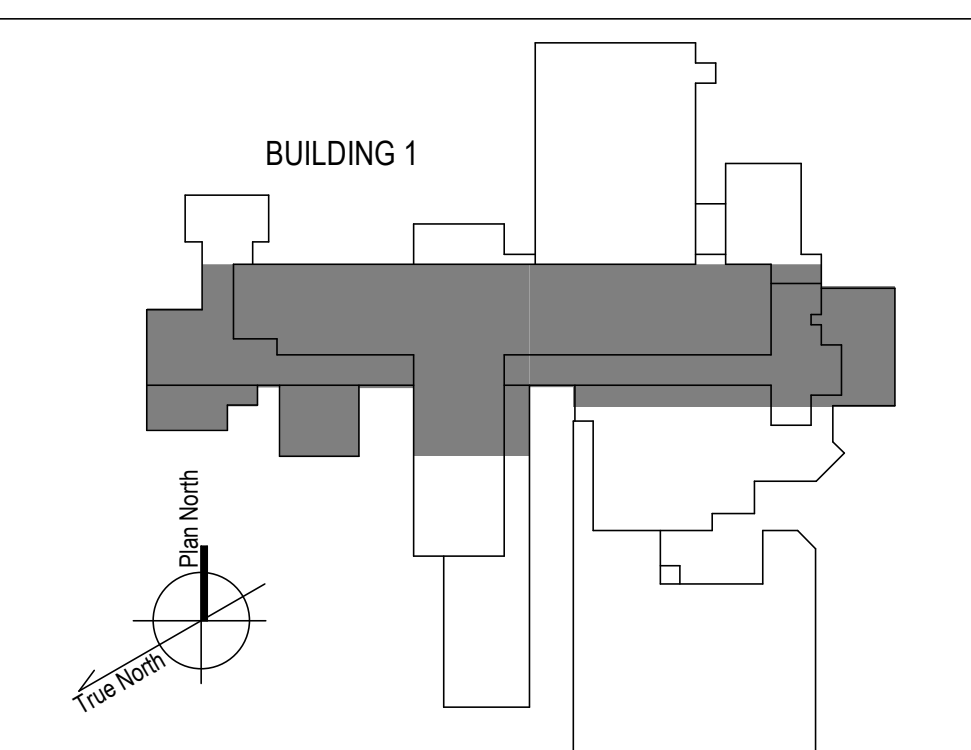
D. REFER TO HAZARDOUS MATERIAL SURVEY IN THE SPECIFICATIONS. DO NOT PROCEED WITH DEMOLITION OR DISTURBANCE OF ITEMS CONTAINING HAZARDOUS MATERIALS UNTIL ABATEMENT IN ACCORDANCE WITH HAZARDOUS MATERIAL ABATEMENT SPECIFICATIONS HAS BEEN PERFORMED.



LIFE SAFETY REFERENCE LEGEND

- - - 2-HOUR FIRE SEPARATION
- - - 1-HOUR FIRE SEPARATION
- - - 1-HOUR SMOKE BARRIER
- 0-HOUR SMOKE RESISTIVE
- EXIT
- CHUTES/ACCESS/DISCHARGE
- HAZARDOUS AREA
- NON-SLEEPING SUITE

KEY PLAN



1 7TH FLOOR LIFE SAFETY REFERENCE PLAN
3/32" = 1'-0"

<p>100% CONSTRUCTION DOCUMENTS - REV 1</p> <p>09/30/2024</p> <p>Issued: _____ Date: _____</p>	<p>CONSULTANTS:</p>	<p>ARCHITECT/ENGINEERS:</p> <p>VALHALLA ENGINEERING GROUP, LLC</p> <p>750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-8307 WWW.VALHALLAENGINEERING.COM</p>	<p>STAMP:</p>	<p>U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>7TH FLOOR LIFE SAFETY REFERENCE PLAN</p> <p>Approved: Project Director</p>	<p>Phase</p> <p>100% CONSTRUCTION DOCUMENT</p>	<p>Project Title</p> <p>REPLACE STEAM SYSTEMS</p> <p>Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602</p> <p>Issue Date 09/30/2024</p> <p>Checked MB</p> <p>Drawn RL</p>	<p>Project Number</p> <p>503-19-112</p> <p>Building Number</p> <p>1</p> <p>Drawing Number</p> <p>G1171</p>
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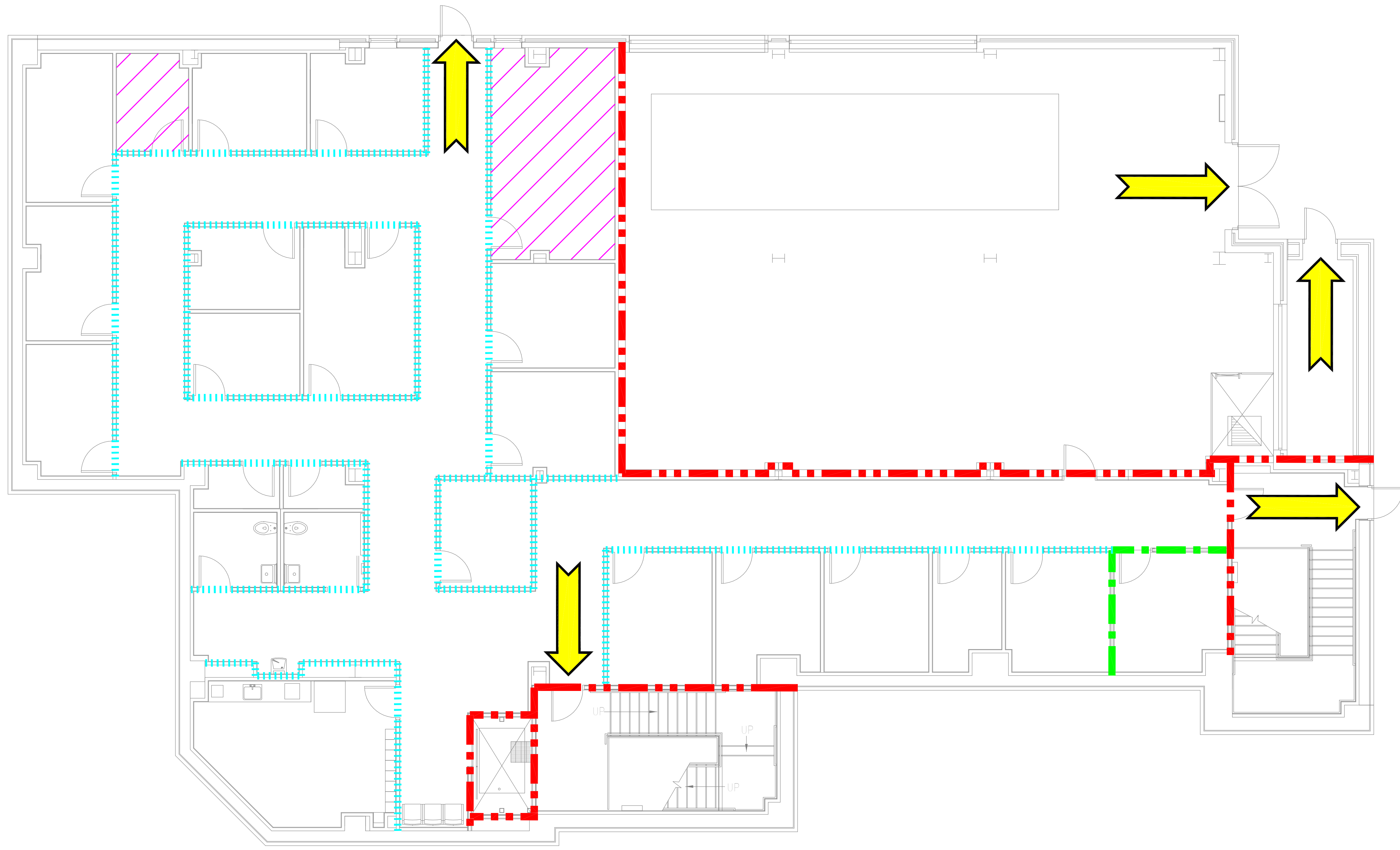
GENERAL NOTES

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B. REFER TO 'GC' SERIES SHEETS FOR WORK PHASING REQUIREMENTS.

C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE VHA COR BEFORE PROCEEDING WITH WORK.

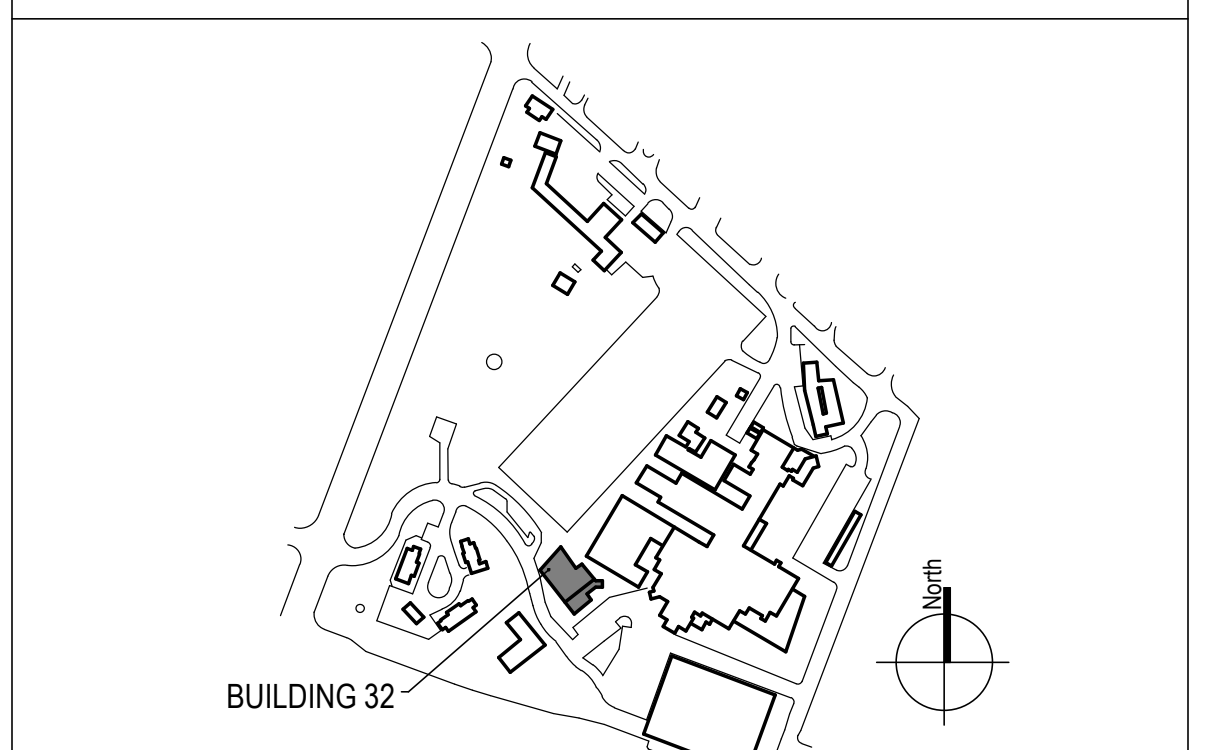
D. REFER TO HAZARDOUS MATERIAL SURVEY IN THE SPECIFICATIONS. DO NOT PROCEED WITH DEMOLITION OR DISTURBANCE OF ITEMS CONTAINING HAZARDOUS MATERIALS UNTIL ABATEMENT IN ACCORDANCE WITH HAZARDOUS MATERIAL ABATEMENT SPECIFICATIONS HAS BEEN PERFORMED.



LIFE SAFETY REFERENCE LEGEND

- - - 2-HOUR FIRE SEPARATION
- - - 1-HOUR FIRE SEPARATION
- - - 1-HOUR SMOKE BARRIER
- 0-HOUR SMOKE RESISTIVE
- EXIT
- CHUTES/ACCESS/DISCHARGE
- HAZARDOUS AREA
- NON-SLEEPING SUITE

KEY PLAN



1 BUILDING 32 - BASEMENT FLOOR - LIFE SAFETY REFERENCE PLAN
3/16" = 1'-0"

<p>100% CONSTRUCTION DOCUMENTS - REV 1</p> <p>09/30/2024</p> <p>Issued: _____ Date: _____</p>	<p>CONSULTANTS:</p>	<p>ARCHITECT/ENGINEERS:</p> <p>VALHALLA ENGINEERING GROUP, LLC</p> <p>750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 555-8307 WWW.VALHALLAENGINEERING.COM</p> <p>VEG 20.14</p>	<p>STAMP:</p>	<p>U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>BUILDING 32 - BASEMENT LIFE SAFETY REFERENCE PLAN</p> <p>Approved: Project Director</p>	<p>Phase</p> <p>100% CONSTRUCTION DOCUMENT</p>	<p>Project Title</p> <p>REPLACE STEAM SYSTEMS</p> <p>Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602</p> <p>Issue Date 09/30/2024</p> <p>Checked MB</p> <p>Drawn CR</p>	<p>Project Number</p> <p>503-19-112</p> <p>Building Number</p> <p>32</p> <p>Drawing Number</p> <p>G1321</p>
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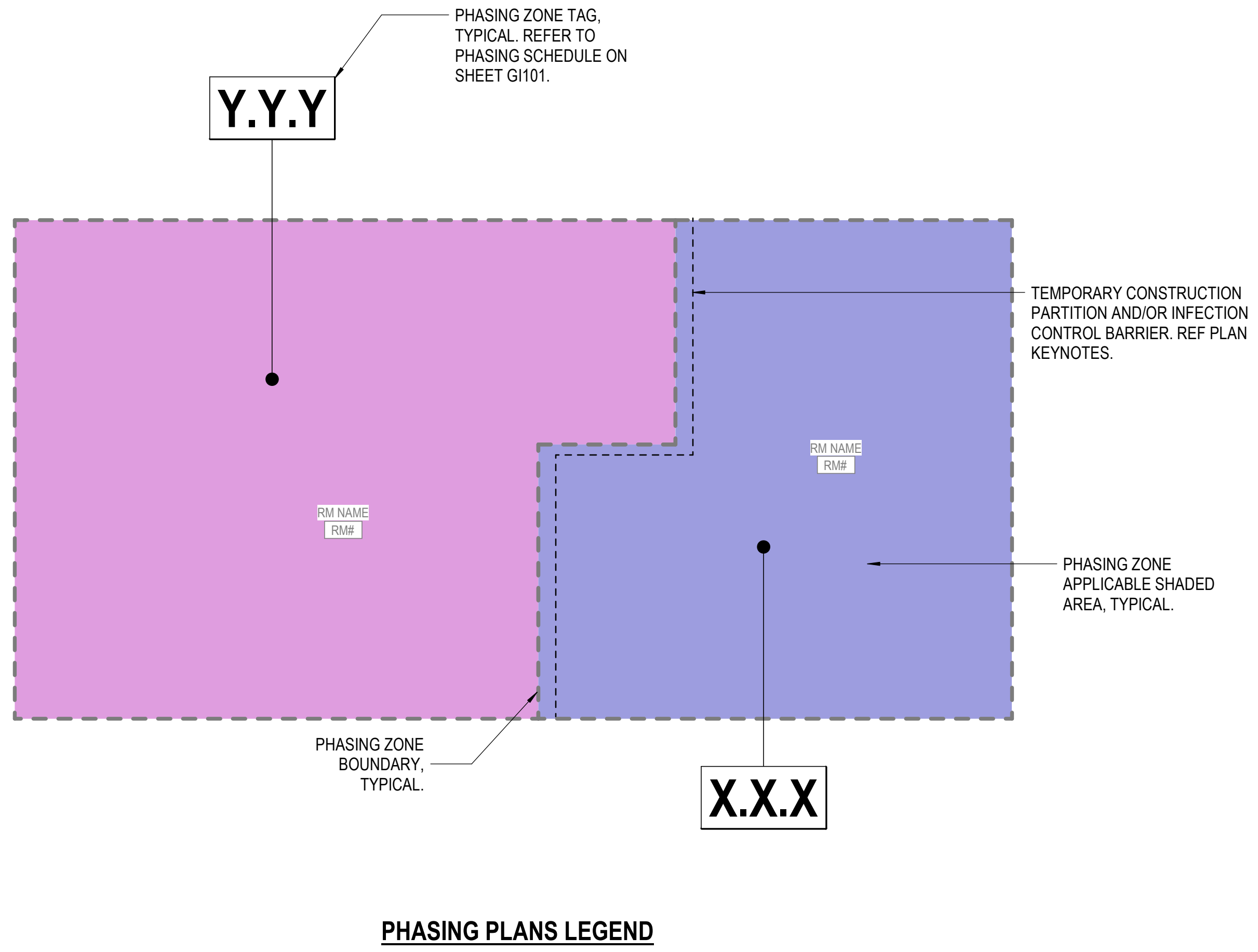
PHASING GENERAL NOTES

- A. PHASING PLANS HEREIN ARE INTENDED FOR GENERAL GUIDANCE AND RESOURCE ALLOCATION. FINAL ZONE PHASING ORDER WILL BE DISCUSSED IN THE PRECONSTRUCTION MEETING FOLLOWING CONTRACT AWARD. CONTRACTOR SHALL SUBMIT A PHASING PLAN WITH DETAILED METHOD OF PROCEDURE FOR EACH PHASE, FOR REVIEW AND APPROVAL BY THE VHA PRIOR TO COMMENCING WORK.
- B. ANY CONCERNS OR OBJECTIONS TO MEETING ALL PHASING REQUIREMENTS HEREIN MUST BE PROVIDED IN WRITING PRIOR TO BIDDING. OTHERWISE, THE AWARDED CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS, OR MAKING ALTERNATIVE ARRANGEMENTS TO MEET THE INTENT OF THE REQUIREMENTS TO THE SATISFACTION OF THE VHA COR, AT NO ADDITIONAL COST TO THE GOVERNMENT.
- C. A TOTAL SYSTEM OUTAGE OF UP TO 8 HOURS MAY BE SCHEDULED WITH THE VHA COR ON A WEEKEND BETWEEN 6 PM AND 6 AM TO INITIALLY CUT IN VALVES IN THE SYSTEM TO ENABLE CONTINUED OPERATION THROUGHOUT ALL PHASES, WITH MINIMAL LOCALIZED OUTAGES AS ALLOWED PER THE PHASING SCHEDULE.
- D. DO NOT PROCEED WITH WORK IN THE NEXT PHASE UNTIL WORK IN THE PRECEDING PHASE HAS BEEN COMPLETED AND ACCEPTED IN WRITING BY THE VHA COR.
- E. PROVIDE ISOLATION VALVES AND PRESSURIZATION CONNECTIONS FOR NEW PIPES ENTERING AND EXITING ALL PHASING ZONES SUCH THAT THE NEW PIPING SPECIFIC TO A COMPLETED ZONE MAY BE TESTED ALONE IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO PLACING BACK IN SERVICE. PIPE TESTING PER SPECIFICATIONS OF EACH ZONE SHALL BE INCLUDED IN THE ALLOCATED PHASING TIME FRAME FOR EACH PHASING ZONE.
- F. ALL CONTRACTOR WORK, INCLUDING SET-UP, TAKE-DOWN, AND CLEANING OF THE AREA TO THE PREVIOUS OCCUPIED CONDITIONS SHALL OCCUR BETWEEN THE WORK HOURS NOTED FOR EACH PHASING ZONE, UNLESS SPECIFICALLY AUTHORIZED OTHERWISE IN WRITING BY THE VHA COR. ZONES SUCH AS MECHANICAL ROOMS WITH WORK HOURS NOTED "N/A" MAY BE WORKED IN AT ANY TIME, SUBJECT TO APPLICABLE FOOTNOTED RESTRICTIONS FOR MINIMIZING DOWNTIME AND KEEPING DOWNSTREAM SYSTEMS IN SERVICE.
- G. UNLESS OTHERWISE NOTED, NEIGHBORING PHASING ZONES WITH SIMILAR ALLOWABLE WORK HOURS MAY BE COMPLETED SIMULTANEOUSLY PROVIDED 2 WEEK PRIOR WRITTEN NOTICE IS GIVEN TO THE VHA COR.
- H. PROVIDE TEMPORARY CONSTRUCTION PARTITIONS AND/OR INFECTION CONTROL BARRIERS AS APPLICABLE AT BOUNDARIES OF ACTIVE PHASING ZONES OR AFFECTED WORK AREA(S) DURING WORK HOURS. REFER TO SPECIFICATIONS 01 35 26 FOR BARRIER AND OTHER REQUIREMENTS OF APPLICABLE ICRA CLASSIFICATIONS. COORDINATE BARRIER LOCATIONS AND CONSTRUCTION WITH THE VHA COR AND THE VHA INFECTION CONTROL OFFICER. ICRA CLASSIFICATIONS IN PHASING SCHEDULE ARE FOR INITIAL REFERENCE ONLY. COMPLETE ICRA PERMIT FOR EACH WORK AREA IN CONSULTATION WITH THE VHA FOR OFFICIAL CLASSIFICATIONS PRIOR TO START OF WORK.
- I. NO WORK SHALL OCCUR DURING THE TWO WEEKS PER YEAR DURING A JCAHO INSPECTION.
- J. PROVIDE SMOKE TIGHT SEPARATION BETWEEN ACTIVE PHASING ZONES AND ADJACENT OCCUPIED AREAS. VERIFY INTEGRITY OF EXISTING SMOKE PARTITIONS. PROVIDE TEMPORARY CONSTRUCTION PARTITIONS TO MAINTAIN SMOKE SEPARATION WHERE EXISTING SEPARATIONS IS COMPROMISED OR NON-EXISTING, IN ACCORDANCE WITH SPECIFICATIONS. ADDITIONALLY PROVIDE 1-HR FIRE PROTECTION IF SPRINKLERS ARE TO BE IMPAIRED IN THE AREA OF WORK.




PHASING SCHEDULE FOOTNOTES

- 1. PROVIDE TEMPORARY BYPASS FOR DOMESTIC WATER HEATERS TAKEN OUT OF SERVICE FOR MORE THAN 4 HOURS. ALLOCATE MANPOWER AS REQUIRED TO PERFORM BYPASS SWITCHOVERS AND FINAL TIE-INS TO STEAM SYSTEM WITHIN A 4-HOUR SHUTDOWN WINDOW.
- 2. PROVIDE TEMPORARY CONDENSATE PUMP FOR DURATION OF CONDENSATE PUMP REPLACEMENT. INCLUDE TEMPORARY POWER PROVISIONS AS NECESSARY ALONG WITH SUPERVISION.
- 3. PERFORM HW HX AND HW PUMP REPLACEMENTS, AND/OR STEAM PIPING REPLACEMENTS TO HW HXs SUCH THAT HW FROM AT LEAST ONE HX IS AVAILABLE TO THE HW LOOP WITHOUT INTERRUPTION FOR MORE THAN 4 HOURS, UNLESS PERFORMED FROM JUNE THROUGH SEPTEMBER, INCLUSIVE.
- 4. PROVIDE TEMPORARY BYPASS FOR STEAM MAINS PASSING THROUGH THE PHASING ZONE TO DOWNSTREAM EQUIPMENT, SUCH THAT DOWNSTREAM MAINS REMAIN IN SERVICE WITHOUT INTERRUPTION FOR MORE THAN 4 HOURS.
- 5. PROVIDE TEMPORARY BYPASS TO AHU HEATING COIL AND HUMIDIFIER SUCH THAT STEAM IS AVAILABLE TO THE UNIT WITHOUT INTERRUPTION FOR MORE THAN 4 HOURS. HEATING COIL MAY BE TAKEN OFFLINE FOR LONGER IF PERFORMED FROM JUNE THROUGH SEPTEMBER, INCLUSIVE.
- 6. OVERALL ZONE MUST STAY IN CONTINUED OPERATION. PROVIDE TEMPORARY BARRIERS AROUND LOCAL AREAS OF WORK OR UTILIZE HEPA CARTS. COORDINATE WITH SITE IN WRITING AT LEAST ONE WEEK IN ADVANCE OF START IN A NEW ROOM TO FACILITATE RELOCATION OF RESIDENTS, PERSONNEL, AND EQUIPMENT BY THE SITE AS NEEDED.
- 7. PERFORM TIE-INS OF NEW RADIANT CEILING PANELS INTO EXISTING HW LOOP SUCH THAT HW SERVICE TO AREAS BEYOND THE ACTIVE PHASING ZONE IS NOT INTERRUPTED FOR MORE THAN 4 HOURS, UNLESS PERFORMED FROM JUNE THROUGH SEPTEMBER, INCLUSIVE.
- 8. MAXIMUM ALLOWABLE STERILIZER DOWNTIME IS 4 HOURS. OTHERWISE, CONTRACTOR SHALL PROVIDE TEMPORARY CLEAN STEAM GENERATOR TO MAINTAIN OPERATIONS, INCLUDING ALL REQUIRED CONNECTIONS, POWER, ETC.
- 9. PERFORM WORK IN ONE INPATIENT ROOM AT A TIME AND ONLY DURING DAY HOURS AS SCHEDULED TO MINIMIZE DISTURBANCE TO RESIDENTS. COORDINATE WITH SITE IN WRITING AT LEAST ONE WEEK IN ADVANCE OF START IN A NEW ROOM TO FACILITATE RELOCATION OF RESIDENTS, PERSONNEL, AND EQUIPMENT BY THE SITE AS NEEDED.

PHASING SCHEDULE					
PHASING ZONE	ZONE DESCRIPTION	ICRA CLASS	PHASING SEQUENCE	ALLOWABLE WORK HOURS	FOOT NOTES
B.A.1	MAIN STEAM ENTRANCE MECH RM BA10 & SUBBASEMENT	III	1	N/A	1,2,3,4
B.A.2	BASEMENT MAIL ROOM & CORRIDOR	III	2	6PM-6AM	4
B.A.3	BASEMENT SHOPS	III	3	6PM-6AM	4
B.A.4	BASEMENT BIOMED	III	4	6PM-6AM	4
B.C.1	BASEMENT CANTEN	III	5	6PM-6AM	4
B.C.2	BASEMENT MECH BC11	III	6	N/A	2,4,5
B.B.1	BASEMENT MISC	III	7	6PM-6AM	4
B.B.2	BASEMENT MECH BB12	III	8	N/A	2,3,4
B.B.3	BASEMENT MECH BB15F	III	9	N/A	2,3,4,5
B.B.4	BASEMENT CRAWLSPACE	III	10	N/A	4
B.E.3	BASEMENT 1984	III	11	6PM-6AM	4
B.E.1	BASEMENT MECH BE01F&01B	III	11	N/A	2
1.E.2	LAUNDRY	III	12	4PM-6AM	4
1.E.1	1ST FLOOR RADIOLOGY	III	13	6PM-6AM	4,7
1.D.3	1ST FLOOR PLAN SOUTH WING	IV	14	6PM-6AM	4,7
1.G.1	1ST FLOOR CENTRAL CORRIDOR & OFFICES	IV	15	6PM-6AM	4,7
1.F.3	1ST FLOOR ER ENTRANCE	IV	16	10PM-6AM	4,6
1.G.2	1ST FLOOR MECH 1G10	III	17	N/A	4,5
1.F.1	1ST FLOOR PLAN NORTH WING	IV	18	6PM-6AM	4,7
1.F.2	1ST FLOOR MECH 1F69	III	19	N/A	1,3,4
2.A.1	2ND FLOOR KITCHEN & LOADING DOCK	III	20	3PM-6AM	4,7
2.C.1	2ND FLOOR PLAN SOUTH WING	III	21	6PM-6AM	4,7
2.B.1	2ND FLOOR PLAN NORTHEAST WING	IV	22	6PM-6AM	4,7
3.A.1	3RD FLOOR PLAN WEST WING	III	23	6PM-6AM	4,7
3.C.1	3RD FLOOR PLAN SOUTH WING	IV	24	6PM-6AM	4
3.B.1	3RD FLOOR TELEHEALTH & SURGERY PREP	IV	25	6PM-6AM	4,6
3.F.1	3RD FLOOR SURGERY	IV	26	6PM-6AM	4,6
3.E.1	3RD FLOOR SPS	IV	27	6PM-6AM	4,6,7,8
4.A.1	4TH FLOOR PLAN WEST INPATIENT	III	28	8AM-8PM	4,7,9
4.C.1	4TH FLOOR INPATIENT SUPPORT	III	29	8AM-8PM	4,7
4.B.1	4TH FLOOR PLAN EAST INPATIENT	III	30	8AM-8PM	4,7,9
4.D.1	4TH FLOOR MECH 400	III	31	N/A	4,5
5.A.1	5TH FLOOR PLAN WEST INPATIENT	III	32	8AM-8PM	4,7,9
5.A.2	5TH FLOOR INPATIENT SUPPORT	III	33	8AM-8PM	4,7
5.B.1	5TH FLOOR PLAN EAST INPATIENT	III	34	8AM-8PM	4,7,9
5.B.2	5TH FLOOR PLAN EAST INPATIENT	III	35	8AM-8PM	4,7,9
5.B.3	5TH FLOOR PLAN EAST INPATIENT	III	36	8AM-8PM	4,7,9
6.A.1	6TH FLOOR PLAN WEST INPATIENT	III	37	8AM-8PM	4,7,9
6.A.2	6TH FLOOR INPATIENT SUPPORT	III	38	8AM-8PM	4,7
6.B.1	6TH FLOOR PLAN EAST INPATIENT	III	39	8AM-8PM	4,7,9
6.B.2	6TH FLOOR PLAN EAST INPATIENT	III	40	8AM-8PM	4,7,9
7.A.1	7TH FLOOR PLAN WEST	III	41	6PM-6AM	4,7
7.A.2	7TH FLOOR PLAN SOUTH	III	42	6PM-6AM	4,7
7.B.1	7TH FLOOR PLAN EAST	III	43	6PM-6AM	4,7
7.B.2	7TH FLOOR PLAN EAST	III	44	6PM-6AM	4,7



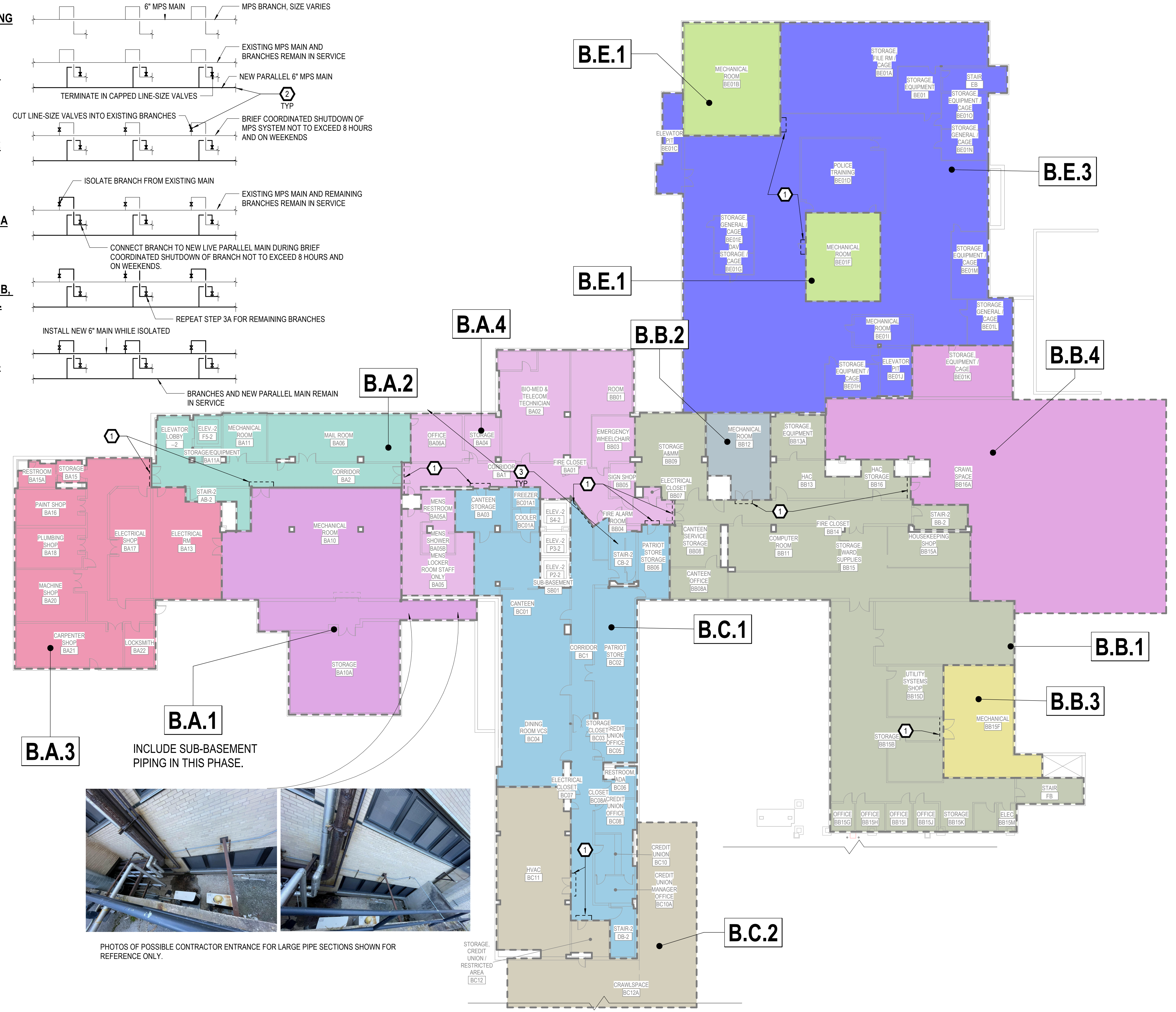
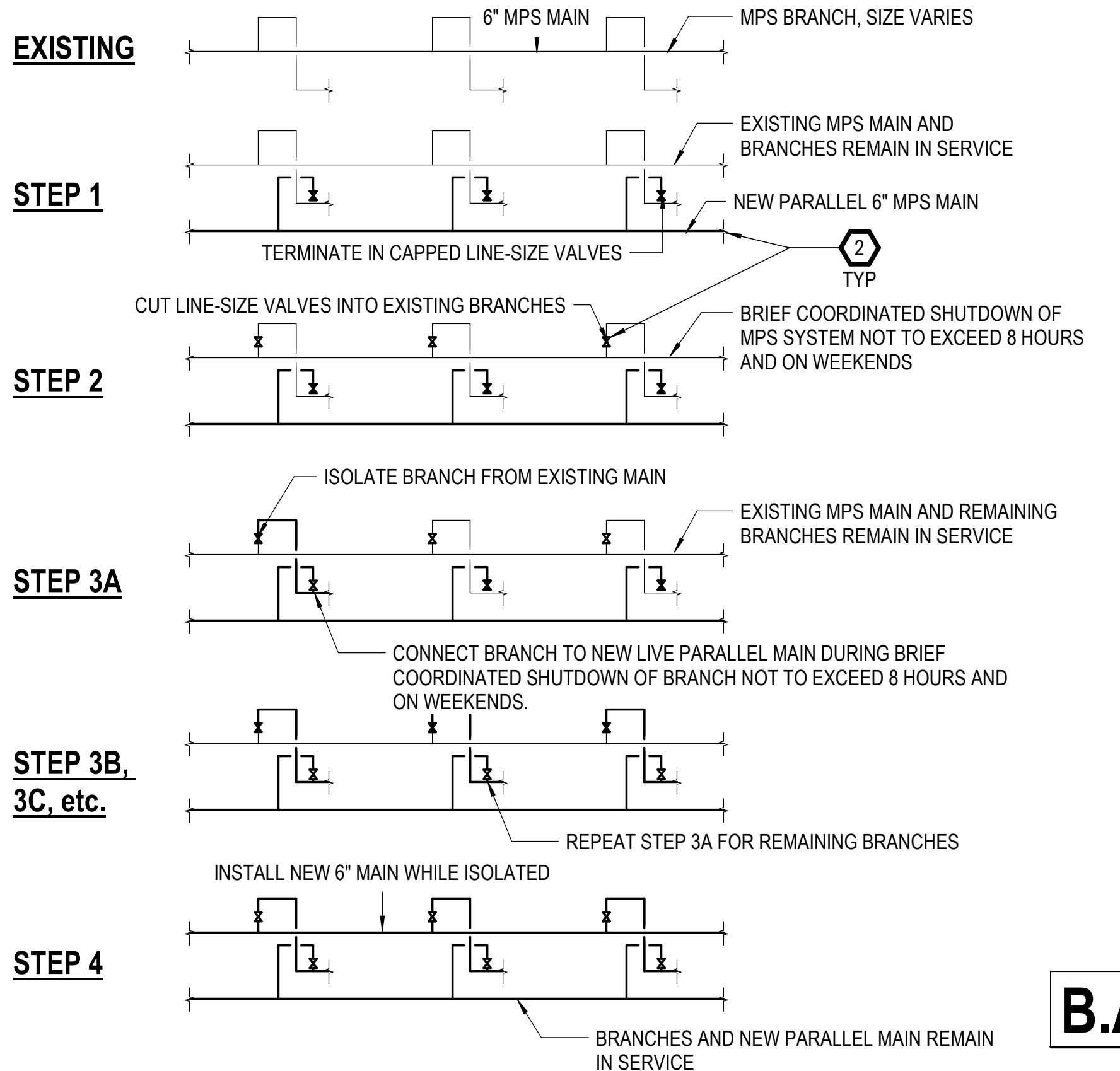
PHASING PLANS LEGEND

100% CONSTRUCTION DOCUMENTS - REV 1		09/30/2024		CONSULTANTS:		ARCHITECT/ENGINEERS:		STAMP:		Drawing Title PHASING SCHEDULE, NOTES, AND LEGEND		Phase 100% CONSTRUCTION DOCUMENT		Project Title REPLACE STEAM SYSTEMS		Project Number 503-19-112							
Issued:				Date:				 750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 555-6307 WWW.VALHALLAENGINEERING.COM				 ENGINEER PE092820 10/01/2024				 U.S. Department of Veterans Affairs							

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MEDIUM PRESSURE STEAM BASEMENT MAIN PIPING PHASING PLAN

GENERAL: DIAGRAMS BELOW ARE FOR GENERAL PHASING CONCEPT ONLY. REFER TO MECHANICAL PLANS, DETAILS, AND SPECIFICATIONS FOR SPECIFIC PIPE ACCESSORIES, SIZES, QUANTITIES, AND ROUTING REQUIREMENTS.



PHOTOS OF POSSIBLE CONTRACTOR ENTRANCE FOR LARGE PIPE SECTIONS SHOWN FOR REFERENCE ONLY.

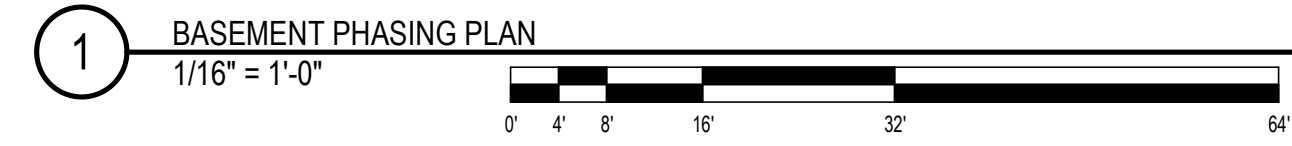
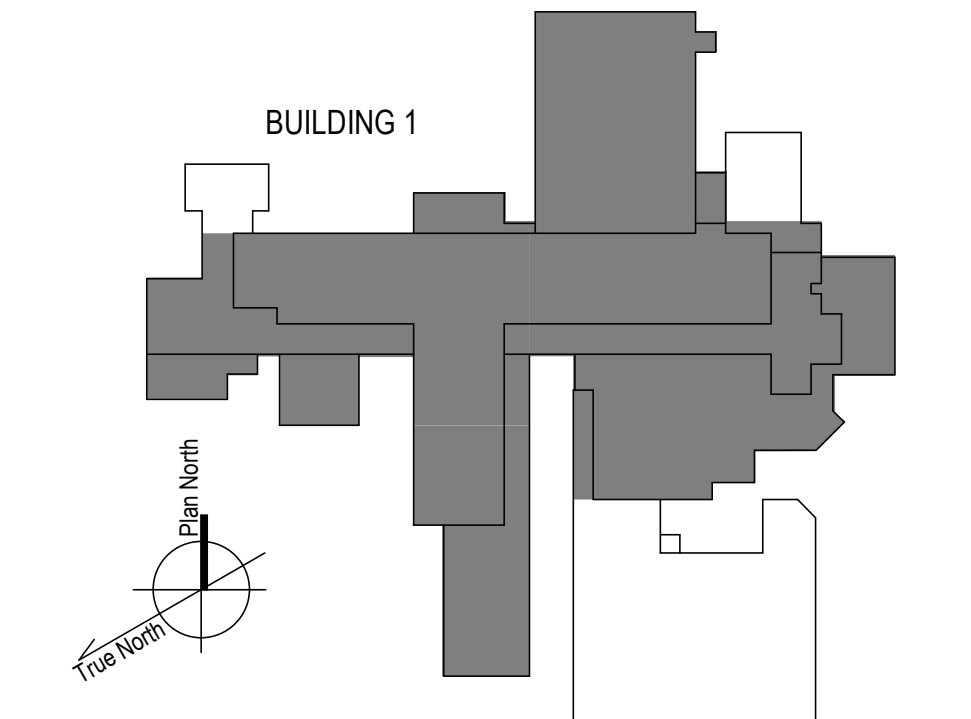
PHASING GENERAL NOTES

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- B. ANY CONCERNS OR OBJECTIONS TO MEETING ALL PHASING REQUIREMENTS HEREIN MUST BE PROVIDED IN WRITING PRIOR TO BIDDING. OTHERWISE, THE AWARDED CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS, OR MAKING ALTERNATIVE ARRANGEMENTS TO MEET THE INTENT OF THE REQUIREMENTS TO THE SATISFACTION OF THE VHA COR, AT NO ADDITIONAL COST TO THE GOVERNMENT.
- C. A TOTAL SYSTEM OUTAGE OF UP TO 8 HOURS MAY BE SCHEDULED WITH THE VHA COR ON A WEEKEND BETWEEN 6 PM AND 6 AM TO INITIALLY CUT IN VALVES IN THE SYSTEM TO ENABLE CONTINUED OPERATION THROUGHOUT ALL PHASES, WITH MINIMAL LOCALIZED OUTAGES AS ALLOWED PER THE PHASING SCHEDULE.
- D. DO NOT PROCEED WITH WORK IN THE NEXT PHASE UNTIL WORK IN THE PRECEDING PHASE HAS BEEN COMPLETED AND ACCEPTED IN WRITING BY THE VHA COR.
- E. PROVIDE ISOLATION VALVES AND PRESSURIZATION CONNECTIONS FOR NEW PIPES ENTERING AND EXITING ALL PHASING ZONES SUCH THAT THE NEW PIPING SPECIFIC TO A COMPLETED ZONE MAY BE TESTED ALONE IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO PLACING BACK IN SERVICE. PIPE TESTING PER SPECIFICATIONS OF EACH ZONE SHALL BE INCLUDED IN THE ALLOCATED PHASING TIME FRAME FOR EACH PHASING ZONE.
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KEYNOTES

- 1. PROVIDE INFECTION CONTROL BARRIER AT APPROXIMATE LOCATION SHOWN. REF SPECIFICATION 01 35 26.
- 2. TYPICAL FOR ALL WELDING WORK WITHIN PHASING ZONES: REF SPECIFICATION 01 35 26 HOT WORK REQUIREMENTS.
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KEY PLAN



100% CONSTRUCTION DOCUMENTS - REV 1	09/30/2024	CONSULTANTS:	ARCHITECT/ENGINEERS: VALHALLA ENGINEERING GROUP, LLC 750 W HAMPOEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-8307 WWW.VALHALLAENGINEERING.COM	STAMP: 		Drawing Title BASEMENT PHASING PLAN	Phase 100% CONSTRUCTION DOCUMENT	Project Title REPLACE STEAM SYSTEMS	Project Number 503-19-112
	Issue Date 09/30/2024					Checked MB	Drawn RL	Building Number 1	Drawing Number GC101
Issued:	Date:					Approved: Project Director		Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602	

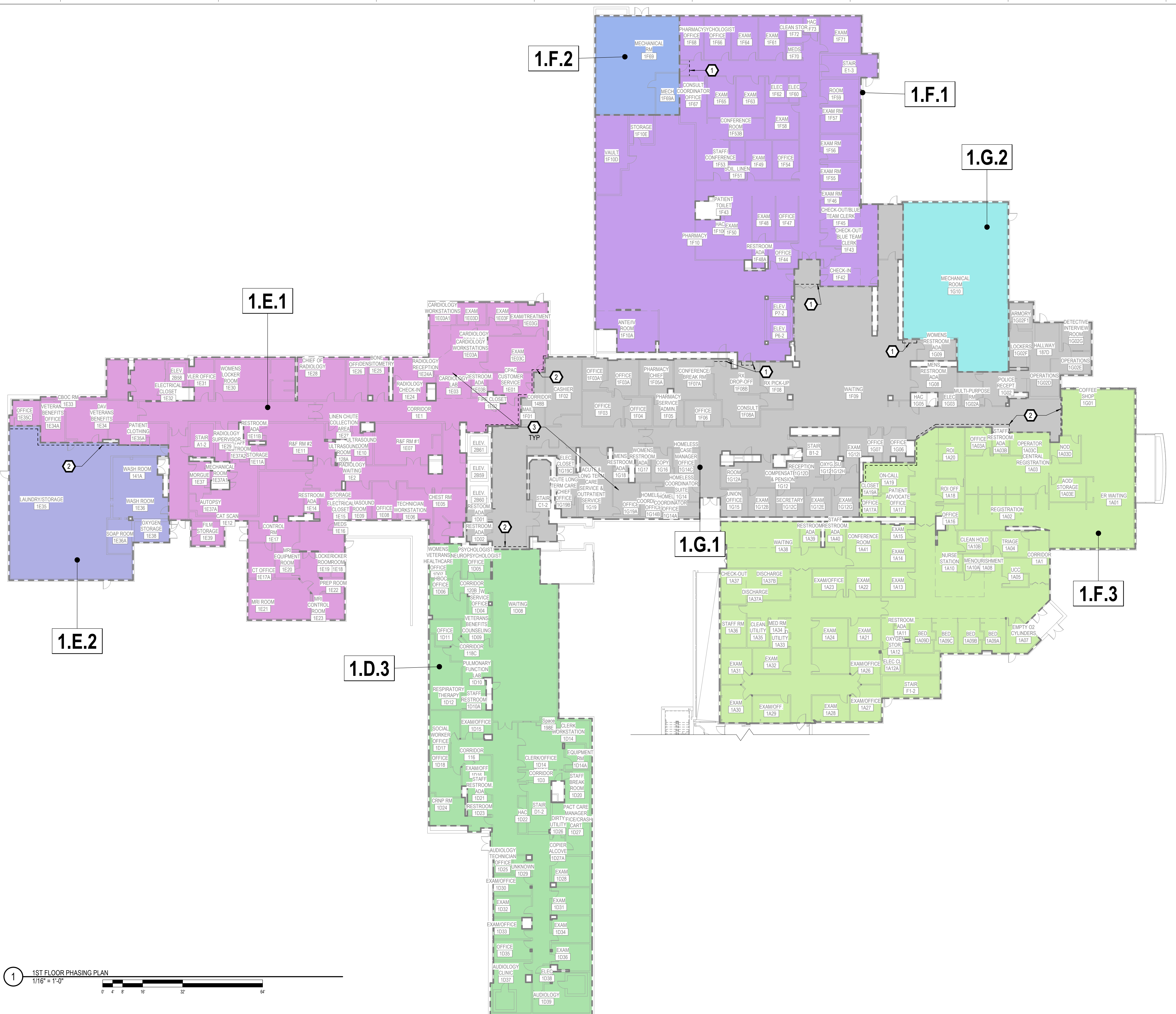
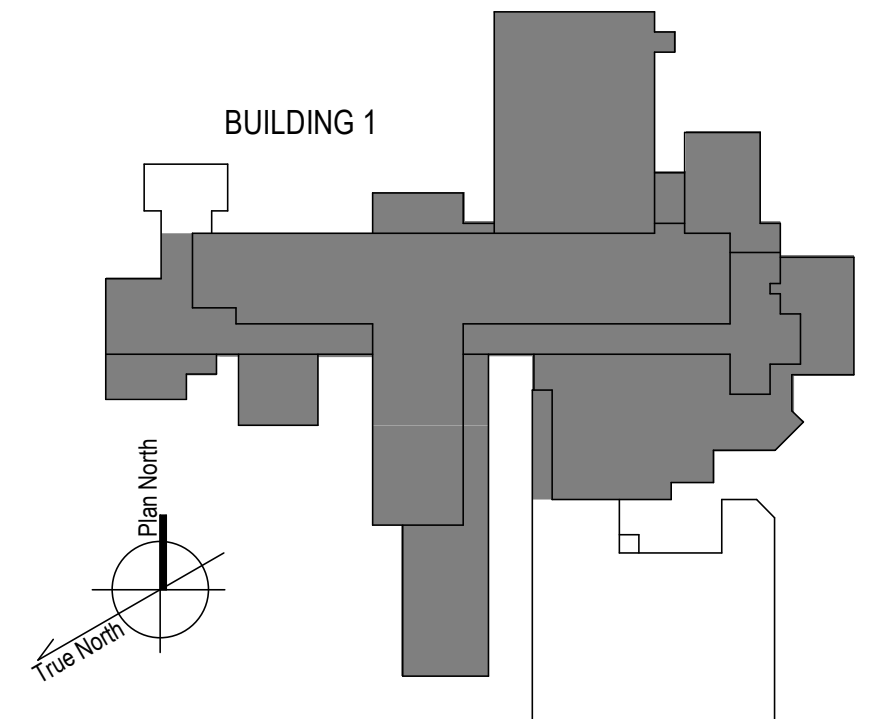
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KEY PLAN



1 1ST FLOOR PHASING PLAN
1/16" = 1'-0"

100% CONSTRUCTION DOCUMENTS - REV 1		Date: 09/30/2024		CONSULTANTS:		ARCHITECT/ENGINEERS: VALHALLA ENGINEERING GROUP, LLC 750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 950-8007 WWW.VALHALLAENGINEERING.COM		STAMP: 		Drawing Title 1ST FLOOR PHASING PLAN		Phase 100% CONSTRUCTION DOCUMENT		Project Title REPLACE STEAM SYSTEMS		Project Number 503-19-112	
Issued:		Date:								Approved: Project Director				Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602		Building Number 1	
														Issue Date 09/30/2024		Drawing Number GC111	
														Checked MB		Drawn RL	

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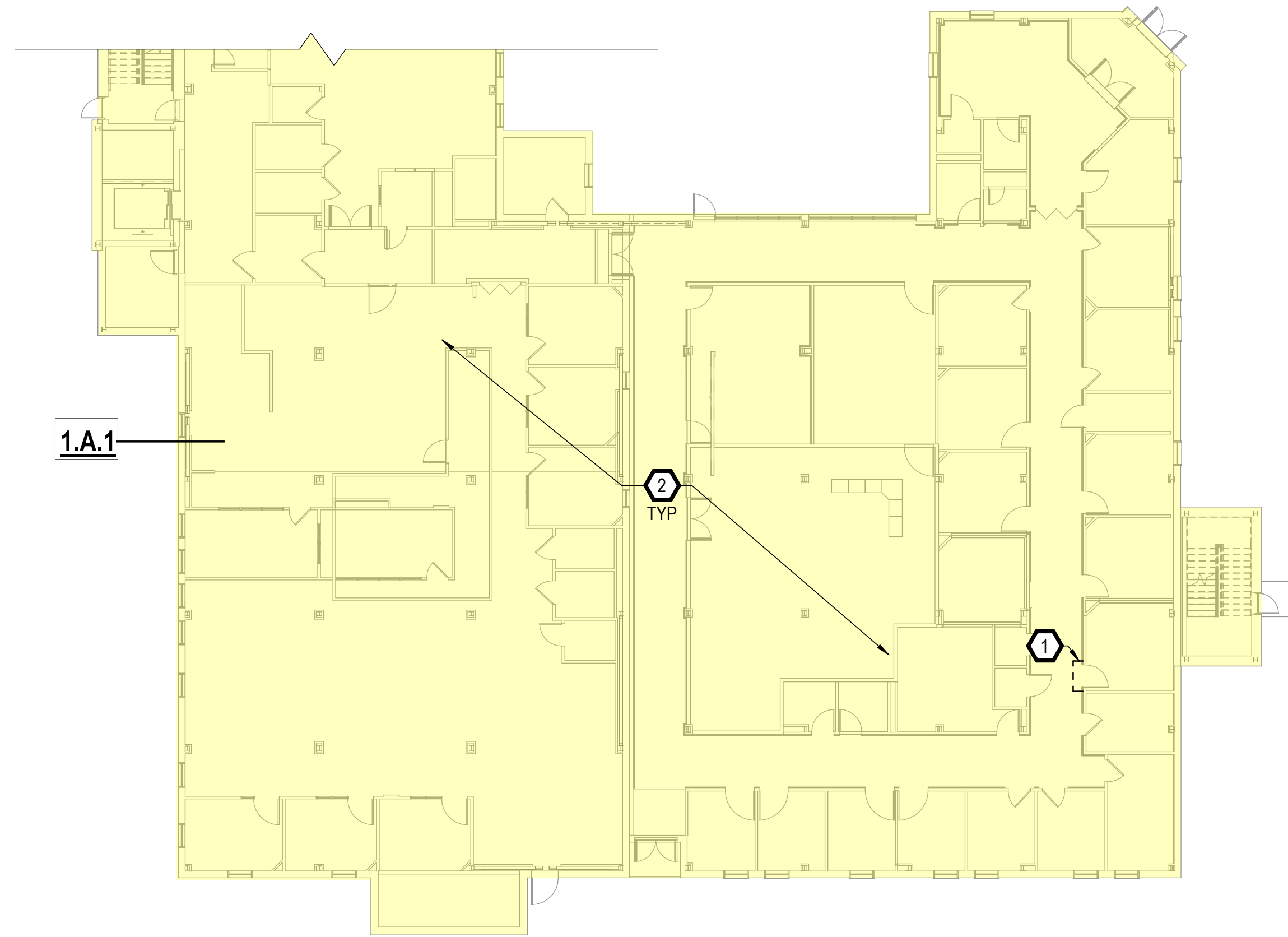
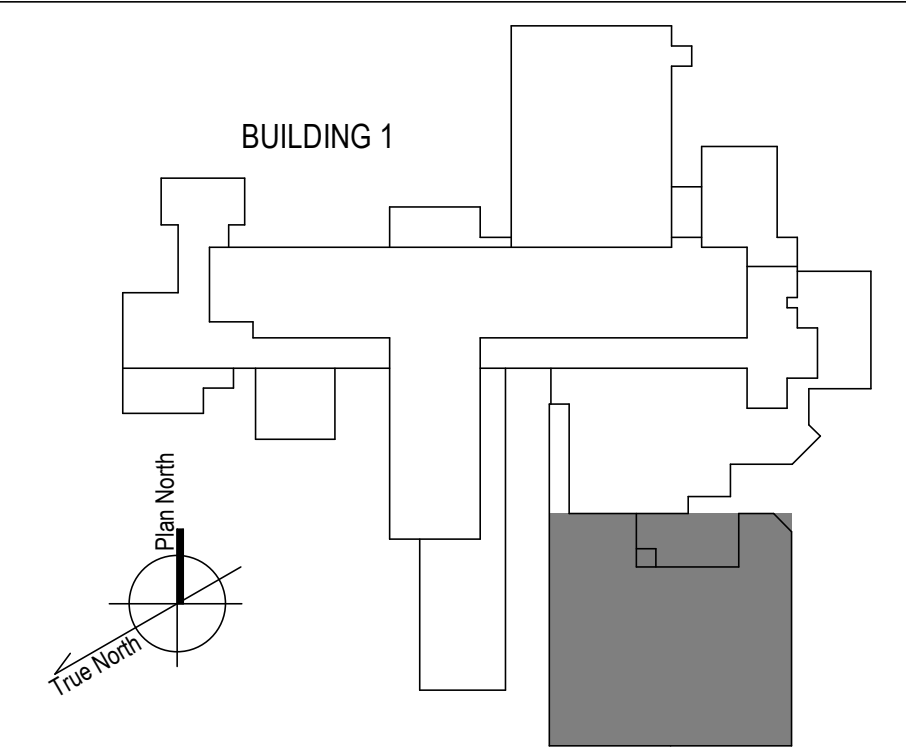
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KEY PLAN



1 1ST FLOOR-A PHASING PLAN
1/16" = 1'-0"
0 4 8 16 32 64

100% CONSTRUCTION DOCUMENTS - REV 1	09/30/2024
Issued:	Date:

CONSULTANTS:

ARCHITECT/ENGINEERS:

750 W HAMPODEN AVE
SUITE 300
ENGLEWOOD, CO 80110
(720) 550-8307
WWW.VALHALLAENGINEERING.COM

STAMP:

VEG 20.14



Drawing Title
1ST FLOOR PHASING PLAN

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENT

Project Title
REPLACE STEAM SYSTEMS

Location
2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602

Issue Date
09/30/2024

Checked
MB

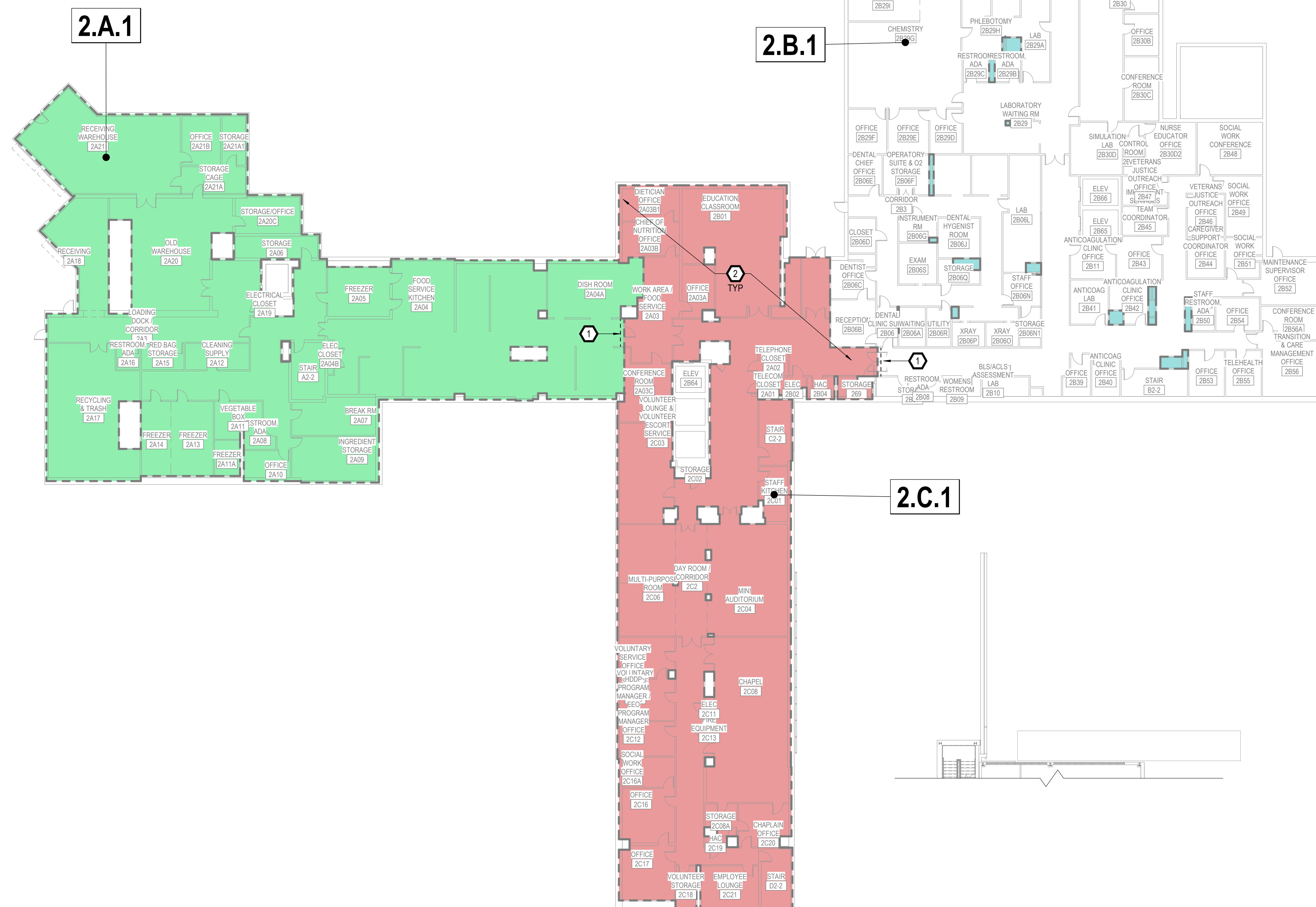
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Project Number
503-19-112

Building Number
1

Drawing Number
GC111A

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1 2ND FLOOR PHASING PLAN
 1/16" = 1'-0"
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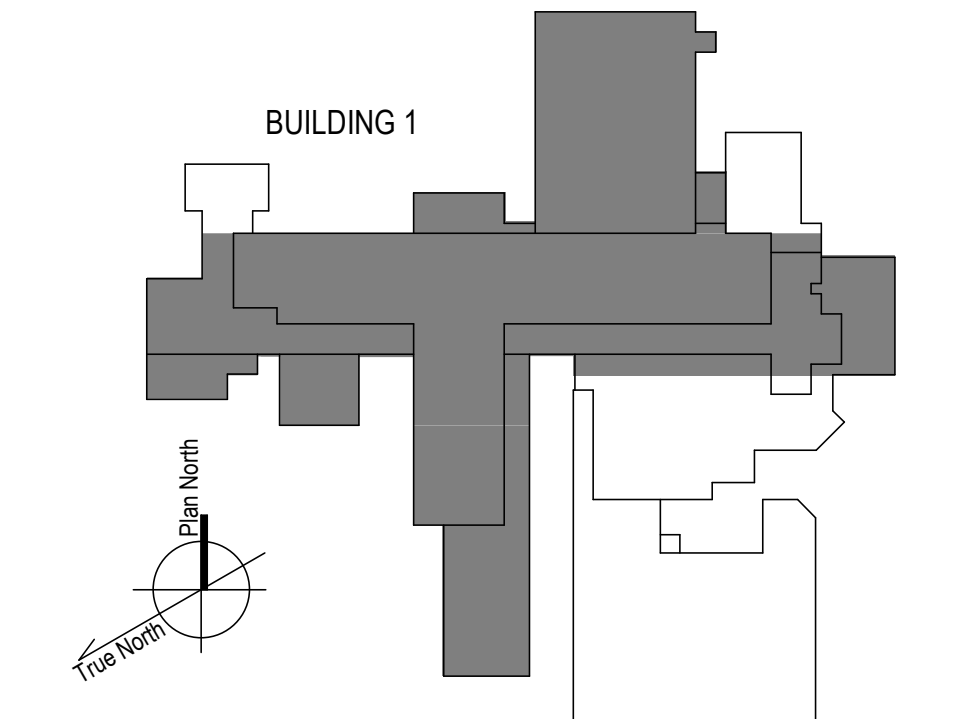
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100% CONSTRUCTION DOCUMENTS - REV 1		09/30/2024		CONSULTANTS:		ARCHITECT/ENGINEERS:		STAMP:		Drawing Title		Phase		Project Title		Project Number	
Issued:		Date:				VALHALLA ENGINEERING GROUP, LLC				2ND FLOOR PHASING PLAN		100% CONSTRUCTION DOCUMENT		REPLACE STEAM SYSTEMS		503-19-112	
						750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-8007 WWW.VALHALLAENGINEERING.COM				Approved: Project Director				Location		Building Number	
						VEG 20.14								2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602		1	
														Issue Date		Drawing Number	
														09/30/2024		GC121	
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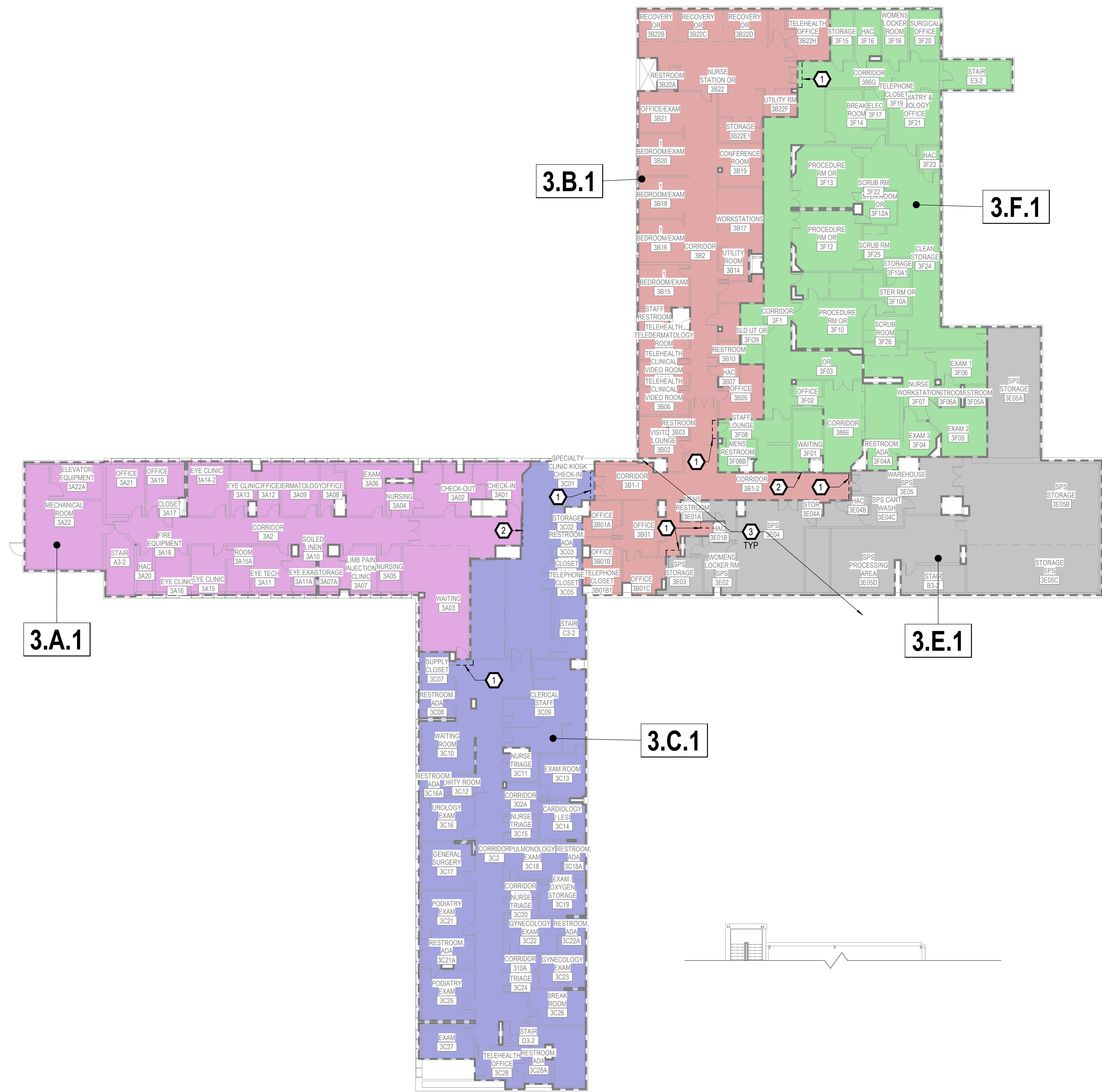
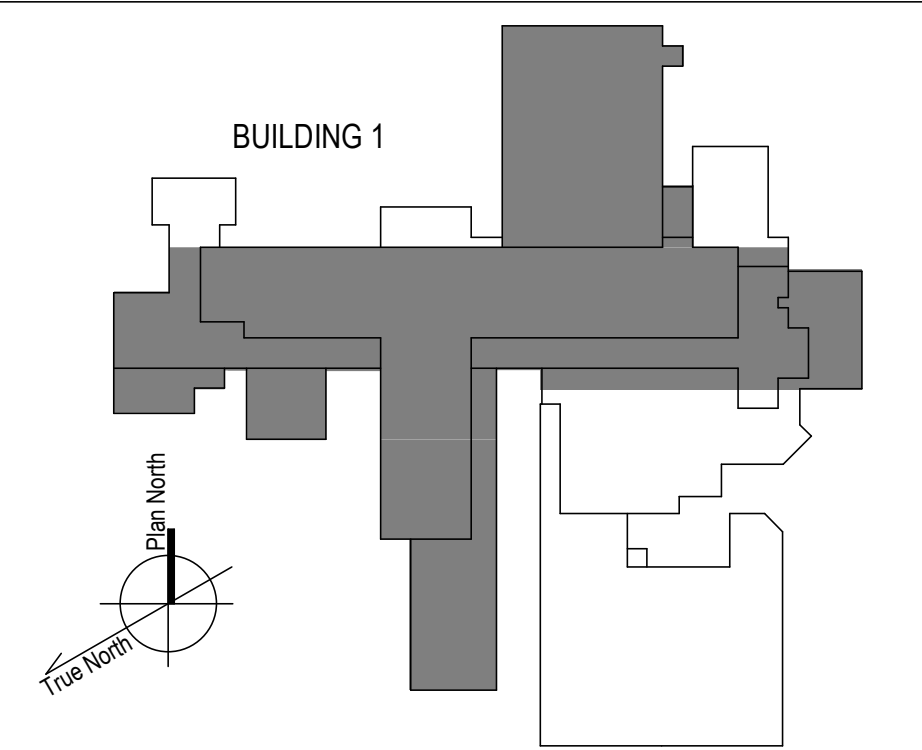
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KEY PLAN



1 3RD FLOOR PHASING PLAN
1/16" = 1'-0"
0 4 8 16 32 64

100% CONSTRUCTION DOCUMENTS - REV 1	09/30/2024	CONSULTANTS:	ARCHITECT/ENGINEERS: VALHALLA ENGINEERING GROUP, LLC 750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 565-8307 WWW.VALHALLAENGINEERING.COM	STAMP: 10/01/2024		Drawing Title	Phase	Project Title	Project Number
						3RD FLOOR PHASING PLAN	100% CONSTRUCTION DOCUMENT	REPLACE STEAM SYSTEMS	503-19-112
Approved: Project Director								Building Number	
								1	
								Drawing Number	
								GC131	
Location	Issue Date	Checked	Drawn						
2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602	09/30/2024	MB	RL						

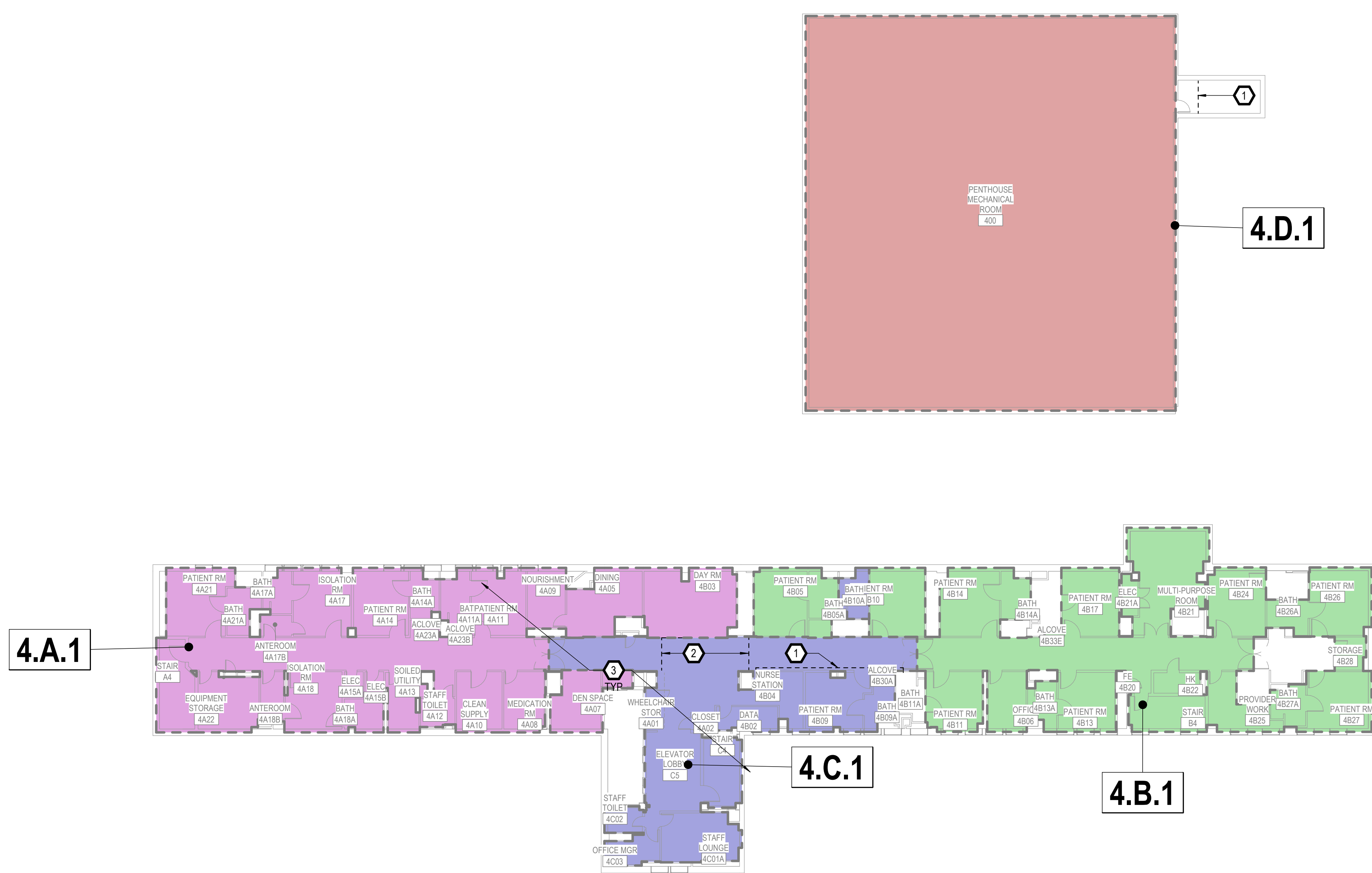
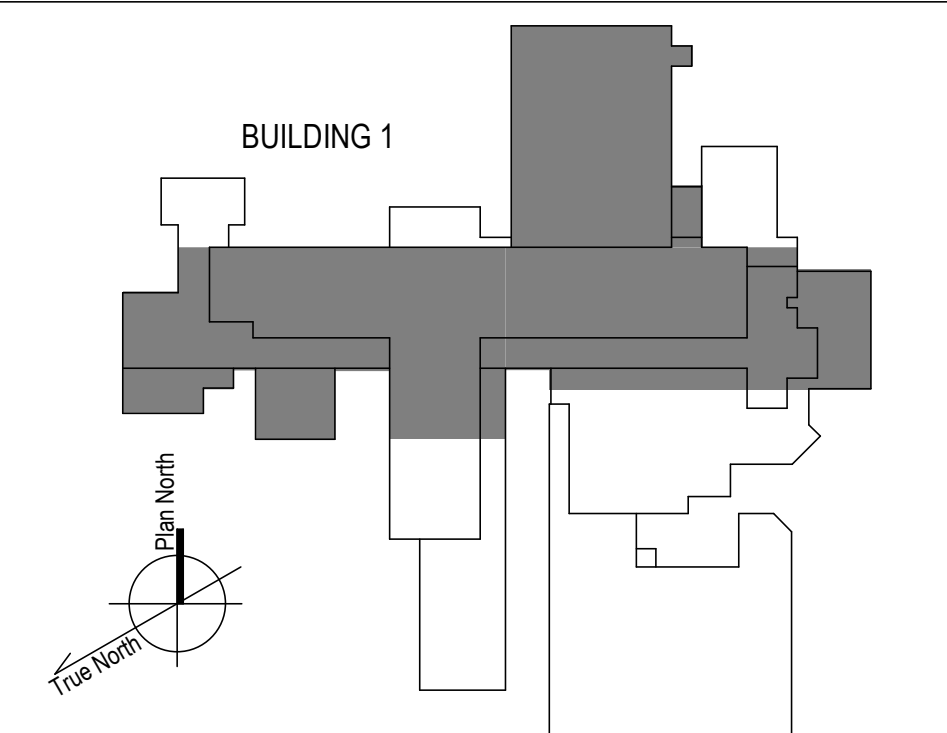
PHASING GENERAL NOTES

- A. PHASING PLANS HEREIN ARE INTENDED FOR GENERAL GUIDANCE AND RESOURCE ALLOCATION. FINAL ZONE PHASING ORDER WILL BE DISCUSSED IN THE PRECONSTRUCTION MEETING FOLLOWING CONTRACT AWARD. CONTRACTOR SHALL SUBMIT A PHASING PLAN WITH DETAILED METHOD OF PROCEDURE FOR EACH PHASE, FOR REVIEW AND APPROVAL BY THE VHA PRIOR TO COMMENCING WORK.
- B. ANY CONCERNS OR OBJECTIONS TO MEETING ALL PHASING REQUIREMENTS HEREIN MUST BE PROVIDED IN WRITING PRIOR TO BIDDING. OTHERWISE, THE AWARDED CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS, OR MAKING ALTERNATIVE ARRANGEMENTS TO MEET THE INTENT OF THE REQUIREMENTS TO THE SATISFACTION OF THE VHA COR, AT NO ADDITIONAL COST TO THE GOVERNMENT.
- C. A TOTAL SYSTEM OUTAGE OF UP TO 8 HOURS MAY BE SCHEDULED WITH THE VHA COR ON A WEEKEND BETWEEN 6 PM AND 6 AM TO INITIALLY CUT IN VALVES IN THE SYSTEM TO ENABLE CONTINUED OPERATION THROUGHOUT ALL PHASES, WITH MINIMAL LOCALIZED OUTAGES AS ALLOWED PER THE PHASING SCHEDULE.
- D. DO NOT PROCEED WITH WORK IN THE NEXT PHASE UNTIL WORK IN THE PRECEDING PHASE HAS BEEN COMPLETED AND ACCEPTED IN WRITING BY THE VHA COR.
- E. PROVIDE ISOLATION VALVES AND PRESSURIZATION CONNECTIONS FOR NEW PIPES ENTERING AND EXITING ALL PHASING ZONES SUCH THAT THE NEW PIPING SPECIFIC TO A COMPLETED ZONE MAY BE TESTED ALONE IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO PLACING BACK IN SERVICE. PIPE TESTING PER SPECIFICATIONS OF EACH ZONE SHALL BE INCLUDED IN THE ALLOCATED PHASING TIME FRAME FOR EACH PHASING ZONE.
- F. ALL CONTRACTOR WORK, INCLUDING SET-UP, TAKE-DOWN, AND CLEANING OF THE AREA TO THE PREVIOUS OCCUPIED CONDITIONS SHALL OCCUR BETWEEN THE WORK HOURS NOTED FOR EACH PHASING ZONE, UNLESS SPECIFICALLY AUTHORIZED OTHERWISE IN WRITING BY THE VHA COR. ZONES SUCH AS MECHANICAL ROOMS WITH WORK HOURS NOTED "N/A" MAY BE WORKED IN AT ANY TIME, SUBJECT TO APPLICABLE FOOTNOTED RESTRICTIONS FOR MINIMIZING DOWNTIME AND KEEPING DOWNSTREAM SYSTEMS IN SERVICE.
- G. UNLESS OTHERWISE NOTED, NEIGHBORING PHASING ZONES WITH SIMILAR ALLOWABLE WORK HOURS MAY BE COMPLETED SIMULTANEOUSLY PROVIDED 2 WEEK PRIOR WRITTEN NOTICE IS GIVEN TO THE VHA COR.
- H. PROVIDE TEMPORARY CONSTRUCTION PARTITIONS AND/OR INFECTION CONTROL BARRIERS AS APPLICABLE AT BOUNDARIES OF ACTIVE PHASING ZONES OR AFFECTED WORK AREA(S) DURING WORK HOURS. REFER TO SPECIFICATIONS 01 35 26 FOR BARRIER AND OTHER REQUIREMENTS OF APPLICABLE ICRA CLASSIFICATIONS. COORDINATE BARRIER LOCATIONS AND CONSTRUCTION WITH THE VHA COR AND THE VHA INFECTION CONTROL OFFICER. ICRA CLASSIFICATIONS IN PHASING SCHEDULE ARE FOR INITIAL REFERENCE ONLY. COMPLETE ICRA PERMIT FOR EACH WORK AREA IN CONSULTATION WITH THE VHA FOR OFFICIAL CLASSIFICATIONS PRIOR TO START OF WORK.
- I. NO WORK SHALL OCCUR DURING THE TWO WEEKS PER YEAR DURING A JCAHO INSPECTION.
- J. PROVIDE SMOKE TIGHT SEPARATION BETWEEN ACTIVE PHASING ZONES AND ADJACENT OCCUPIED AREAS. VERIFY INTEGRITY OF EXISTING SMOKE PARTITIONS. PROVIDE TEMPORARY CONSTRUCTION PARTITIONS TO MAINTAIN SMOKE SEPARATION WHERE EXISTING SEPARATIONS IS COMPROMISED OR NON-EXISTING. IN ACCORDANCE WITH SPECIFICATIONS. ADDITIONALLY PROVIDE 1-HR FIRE PROTECTION IF SPRINKLERS ARE TO BE IMPAIRED IN THE AREA OF WORK.

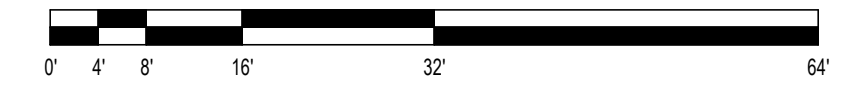
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KEY PLAN



1 4TH FLOOR PHASING PLAN
1/16" = 1'-0"



100% CONSTRUCTION DOCUMENTS - REV 1	09/30/2024	CONSULTANTS:	ARCHITECT/ENGINEERS: VALHALLA ENGINEERING GROUP, LLC 750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 950-8307 WWW.VALHALLAENGINEERING.COM	STAMP: 		Drawing Title 4TH FLOOR PHASING PLAN	Phase 100% CONSTRUCTION DOCUMENT	Project Title REPLACE STEAM SYSTEMS	Project Number 503-19-112
	Issued:					Date:	Approved: Project Director	Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602	Issue Date 09/30/2024

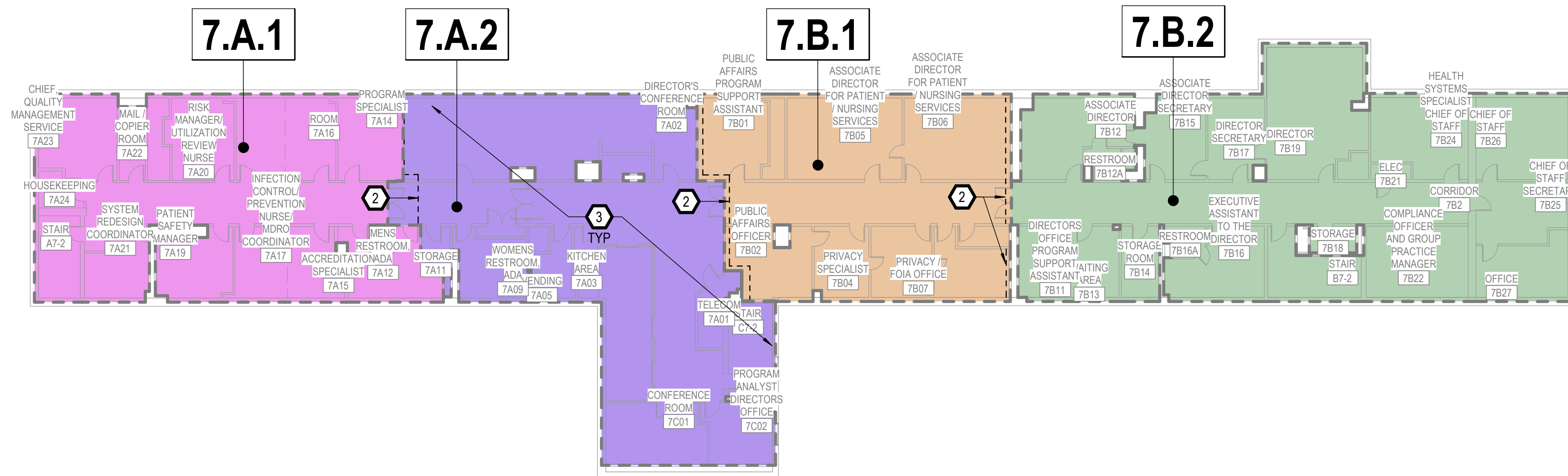
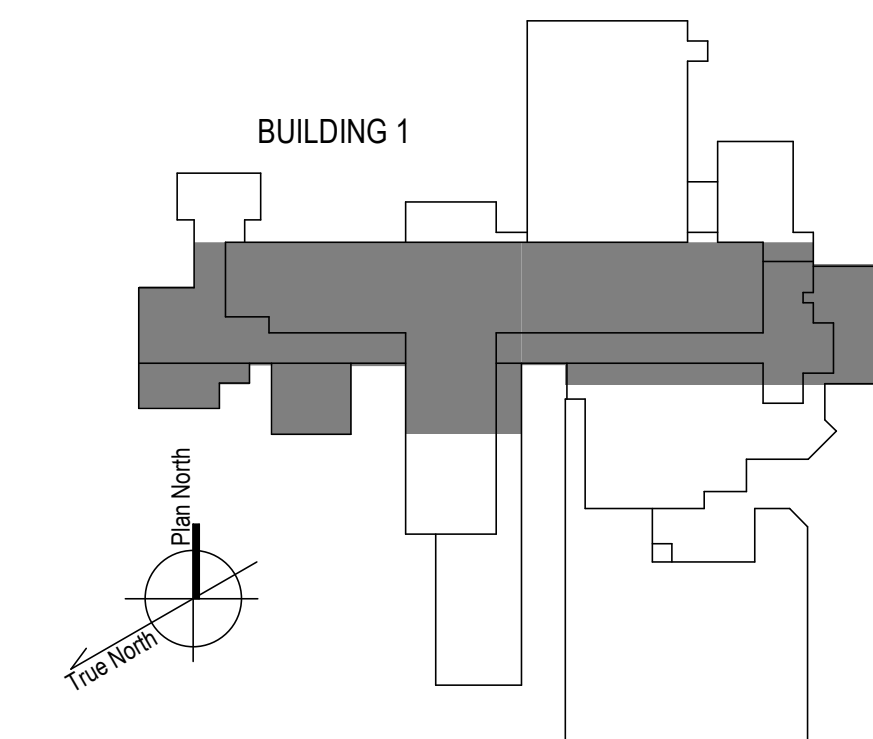
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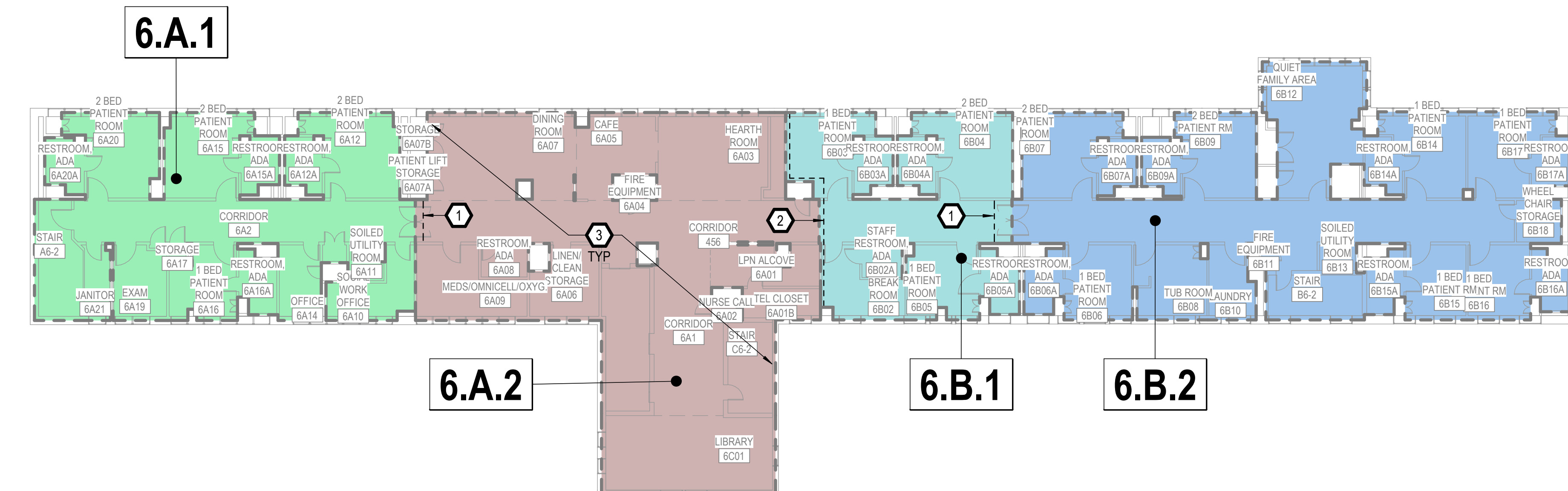
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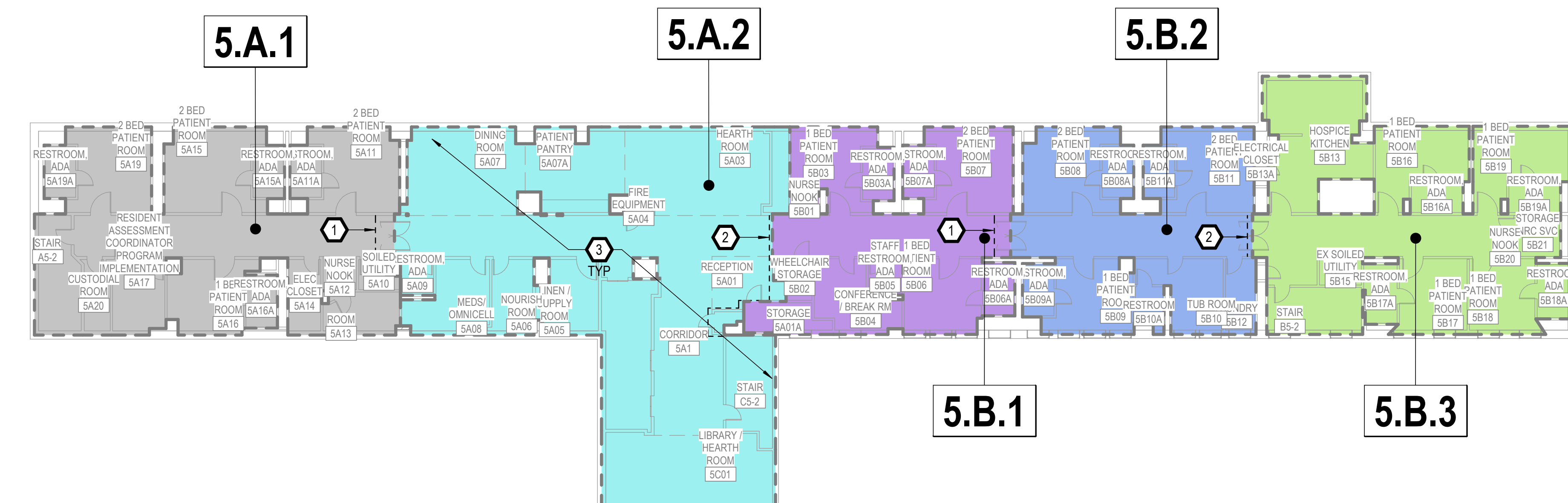
KEY PLAN



7TH FLOOR PHASING PLAN
1/16" = 1'-0"



6TH FLOOR PHASING PLAN
1/16" = 1'-0"



5TH FLOOR PHASING PLAN
1/16" = 1'-0"

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Issued:	Date:							Location 2907 PLEASANT VALLEY BLVD ALTOONA, PA 16602	Building Number 1
								Issue Date: 09/30/2024	Checked: MB
								Drawn: RL	Drawing Number: GC151