



PROJECT NAME:

SITE ADDRESS:

VA PROJECT NUMBER:

636A8-20-008

OWNER AND CONSULTANTS:

VA COR:	ARCHITECT:	STRUCTURAL ENGINEER:
CONTACT: ERKA ADAMS	NAME: ANDERSON ENGINEERING OF MIN. LLC	NAME: A3T ENGINEERING
ADDRESS: DEPARTMENT OF VETERANS AFFAIRS IOWA CITY VA HEALTH CARE SYSTEM 801 HIGHWAY 4 WEST, 138C IOWA CITY, IA 52242	ADDRESS: 13605 1ST AVE NORTH, SUITE 100 PLYMOUTH, MN 55441	ADDRESS: 7201 OHMS LANE, SUITE 215 EDINA, MN 55439
PHONE: 319.338.0581	CONTACT: TOM OLESKAS PHONE: 763.412.0000	CONTACT: JOHN LEVARI PHONE: 952.906.7196

MECH/ELEC/PLUMB/FIRE ENGINEER:
NAME: SPECIALIZED ENGINEERING
SOLUTIONS
ADDRESS: 10360 ELLISON CIRCLE
OMAHA NE 68134
CONTACT: SCOTT WINFREY
PHONE: 402.991.5520

	I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA.
	THOMAS CUSACK 9/24/24 DATE MY LICENSE EXPIRATION DATE IS 06/30/2025 PAGES OR SHEETS COVERED BY THIS SEAL

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa.

ERIC C. SHERMAN _____ 09/21/2021
(seal)

My license renewal date is December 31, 2022

Pages or sheets covered by this seal: _____

121

09/6/21

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa.

Tracy J. Wagner 09/21/2002

 TRACY J. WAGNER [Initials]

My license renewed date is December 31, 2022

Pages or sheets covered by this seal: _____

SHEET NO.	SHEET TITLE
1-1	COVER SHEET AND SHEET INDEX
1-2	INFECTION CONTROL & PHASING PLANS
1-3	5TH AND 7TH FLOOR LIFE SAFETY PLANS

SHEET NO.	SHEET TITLE
1-A1	5TH & 6TH FLOOR ENLARGED PLANS
1-A2	5TH, 6TH AND 8TH FLOOR PLANS
1-A3	10TH & 11TH FLOOR PLAN AND ROOF PLAN

SHEET NO.	SHEET TITLE
1-50	TITLE SHEET

SHEET NO.	SHEET TITLE
-----------	-------------

101	MECHANICAL SYMBOLS AND ABBREVIATIONS
102	5TH FLOOR PLAN - MECHANICAL DEMOLITION - AREA A
103	7TH FLOOR PLAN - MECHANICAL DEMOLITION - AREA A
104	5TH FLOOR PLAN - MECHANICAL DEMOLITION - AREA B
105	4TH FLOOR PLAN - DUCTWORK - AREA A
106	5TH FLOOR PLAN - DUCTWORK - AREA A
107	6TH FLOOR PLAN - DUCTWORK - AREA A
108	7TH FLOOR PLAN - DUCTWORK - AREA A
109	7TH FLOOR PLAN - DUCTWORK - AREA B
110	7TH FLOOR PLAN - DUCTWORK - AREA C
111	5TH FLOOR PLAN - DUCTWORK - AREA B
112	5TH FLOOR PLAN - DUCTWORK - AREA A
113	5TH FLOOR PLAN - DUCTWORK - AREA B
114	5TH FLOOR PLAN - DUCTWORK - AREA B
115	5TH FLOOR PLAN - DUCTWORK - AREA B
116	5TH FLOOR PLAN - DUCTWORK - AREA A
117	5TH FLOOR PLAN - DUCTWORK - AREA A
118	5TH FLOOR PLAN - DUCTWORK - AREA A
119	5TH FLOOR PLAN - DUCTWORK - AREA A
120	5TH FLOOR PLAN - DUCTWORK - AREA A

SHEET NO.	SHEET TITLE
1-61	BASEMENT FLOOR PLAN - POWER - AREA B
1-62	STAIR TO ROOF DEcks - POWER - AREA B

1-42	7TH FLOOR PLAN - POWER - AREA B	
1-43	7TH FLOOR PLAN - POWER - AREA A	
1-44	7TH FLOOR PLAN - POWER - AREA B	
1-45	11TH FLOOR PLAN - POWER - AREA B	
1-46	ELECTRICAL DETAILS	
1-47	MECHANICAL PARTS SCHEDULES	

147	ELECTRICAL PANEL SCHEDULES
-----	----------------------------

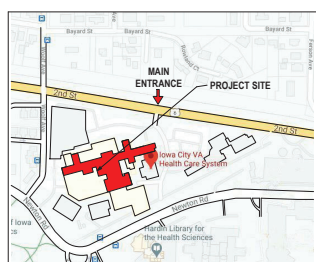
FOR CONSTRUCTION

RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY	636A8-21
	Building Number BUILDING

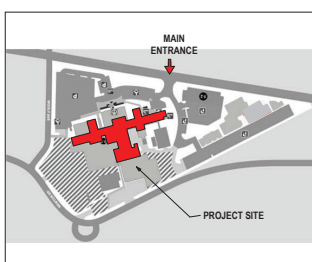
Location		Drawing Number
Issue Date	Checked	Drawn
09/21/21	JU	PC

9		10
---	--	----

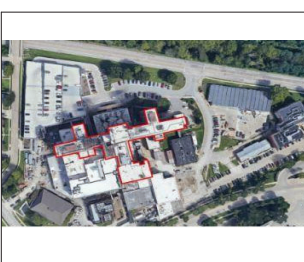
VICINITY MAP:



SITE LOCATION MAP:

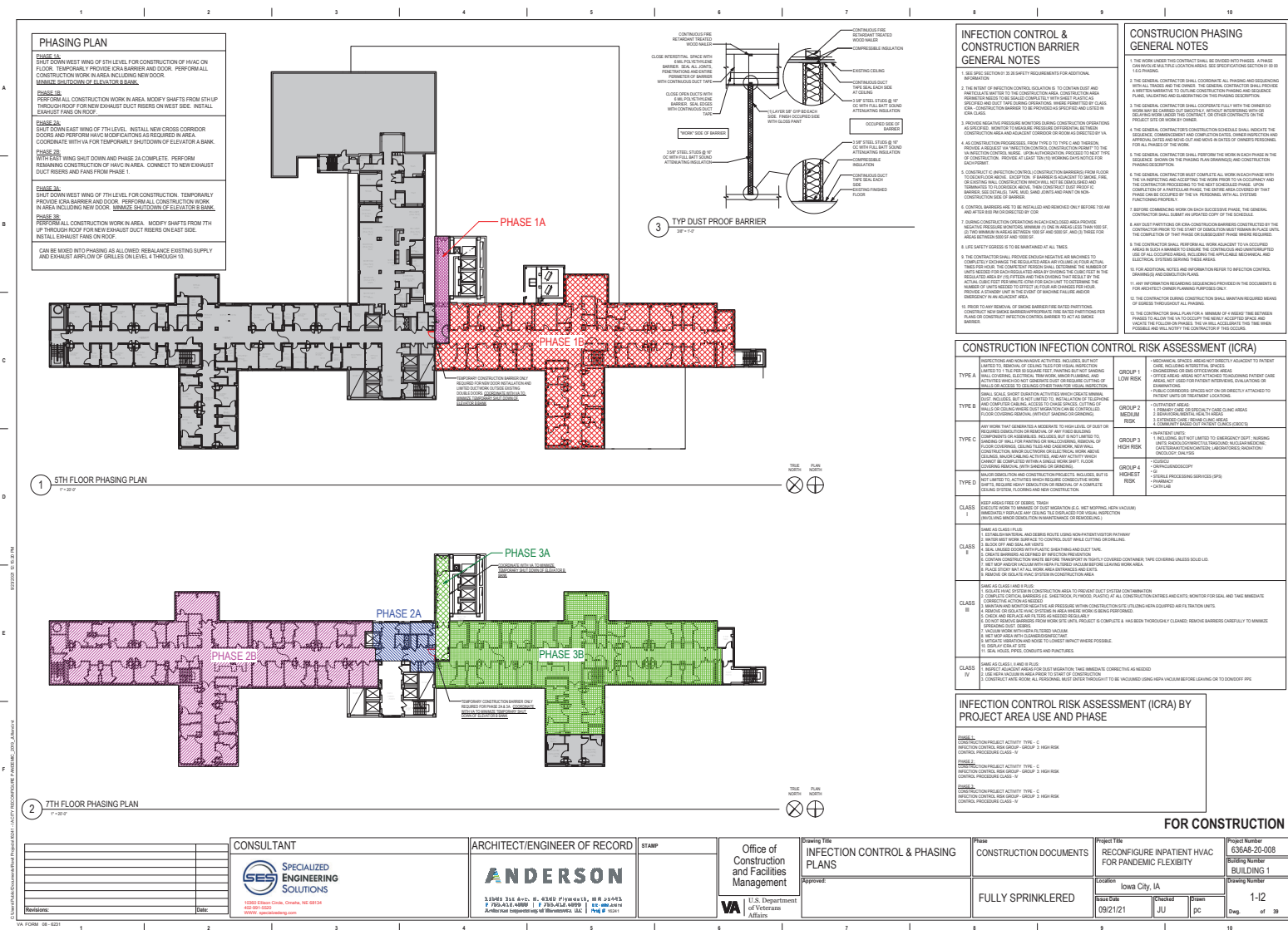


KEY PLAN:

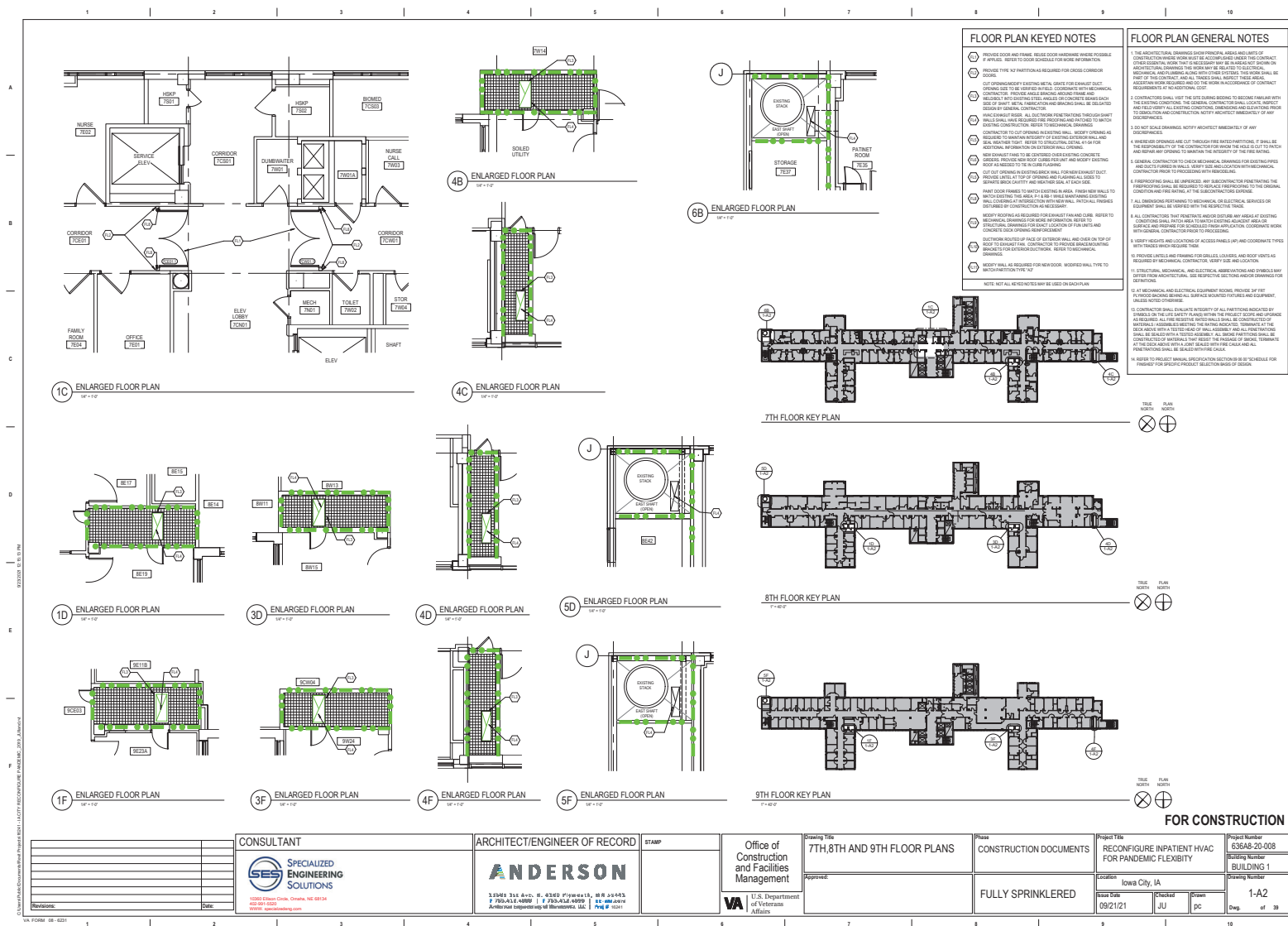


FOR CONSTRUCTION

[illegible]









1. 5/8" AT 20 MINUTE FIRE RATED FRAMES AND NON-RATED FRAMES, 3/4" AT FIRE RATED FRAMES OF 45 MINUTES AND ABOVE.
2. 5/8" AT 20 MINUTE FIRE RATED FRAMES AND NON-RATED FRAMES, 1" AT FIRE RATED FRAMES OF 45 MINUTES AND ABOVE.
3. FOR FRAMES IN GFD PARTITIONS, VERIFY THAT THE FRAME THROAT DEPTH MATCHES THE PARTITION THICKNESS.
4. 5/16" AT MASONRY OR DEEP GFD WALL RECESSES WHERE FRAME DOES NOT WRAP THE WALL.

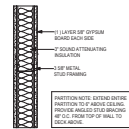
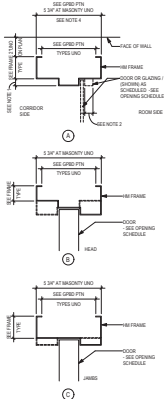
OPENING SCHEDULE - 7TH FLOOR										
OPENING			FRAME INFORMATION			FRAME INFORMATION		DOOR OR CLIP	PANEL LATCH	COMMENTS
NUMBER	WIDTH	HEIGHT	PANEL TYPE	2ND PANEL TYPE	PANEL GLAZING	FRAME TYPE	FRAME GLAZING			
DOOR-1	7'-0"	7'-0"	BS-GH	BS-GH	GL-1	MBG-1	NONE	10		DOORS HELD OPEN UNTIL REMANENT MODE
DOOR-1	7'-0"	7'-0"	BS-GH	BS-GH	GL-1	MBG-1	NONE	10		DOORS HELD OPEN UNTIL REMANENT MODE

OPENING SCHEDULE - 7TH FLOOR										
OPENING			FRAME INFORMATION			FRAME INFORMATION		DOOR OR CLIP	PANEL LATCH	COMMENTS
NUMBER	WIDTH	HEIGHT	PANEL TYPE	2ND PANEL TYPE	PANEL GLAZING	FRAME TYPE	FRAME GLAZING			
DOOR-1	7'-0"	7'-0"	BS-GH	BS-GH	GL-1	MBG-1	NONE	10		DOORS HELD OPEN UNTIL REMANENT MODE
DOOR-1	7'-0"	7'-0"	BS-GH	BS-GH	GL-1	MBG-1	NONE	10		DOORS HELD OPEN UNTIL REMANENT MODE

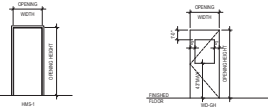
HM-GF

[illegible]

HMS-2

[illegible][illegible]

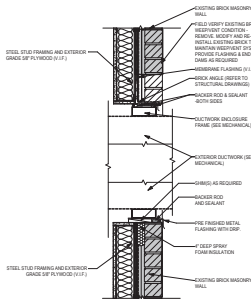
☺ 54-12



① $10^2 = 10^2$

GL-1:	1/4" TEMPERED CLEAR GLAZING FOR INTERIOR DOOR APPLICATION

② 4-12

 $\odot \quad T=10$ 

② 112×10^3

[illegible]

CONSULTANT

 **SPECIALIZED
ENGINEERING
SOLUTIONS**

10260 Ellison Circle, Omaha, NE 68134
402-691-5520
WWW.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

ANDERSON

11805 1st Ave. N. 55428-1000, MN 55428
F 763.412.0000 | F 763.412.0099 | www.ae.com
Architect-Engineers of Minnesota, Inc. Proj # 10241

STAMP	

Office of
Construction
and Facilities
Management

VA U.S. Department
of Veterans
Affairs

Drawing Title	OPENING SCHEDULE AND BUILDING ELEMENT TYPES
	Approved:

Phase	CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED

Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY		Project Number 636A8-20-008	
Location Iowa City, IA		Building Number BUILDING 1	
Issue Date 09/21/21	Checked JU	Drawn pc	Dwg. of 39 1-A4

FOR CONSTRUCTION

IOWA CITY VA ROOF AND FLOOR HVAC PENETRATIONS

IOWA CITY, IA

STRUCTURAL NOTES

DRAWING SYMBOLS

The symbols are organized into two main sections:

- FOUNDATION PLAN** (Left side):
 - DRAWING NUMBER**: Indicated by a line pointing to the top left corner.
 - DRAWING NAME**: Indicated by a line pointing to the title 'FOUNDATION PLAN'.
 - AST DETAIL NUMBER**: Indicated by a line pointing to the detail number '1'.
 - DRAWING SCALE**: Indicated by a line pointing to the scale '1/4" = 1'-0"
 - Material Patterns**:
 - CONCRETE**: Stippled pattern.
 - FACE BRICK**: Horizontal brick pattern.
 - CONCRETE BLOCK**: Stippled pattern with a cross.
 - WOOD BLOCKING**: Diagonal hatching.
 - EARTH COMPACT**: Horizontal hatching.
 - STEEL**: Vertical hatching.
- ELEVATION OR WORK** (Right side):
 - WELDED WIRE FABRIC**: Symbol with a grid of dots.
 - STEPPED FOOTING LOCATION**: Symbol with a stepped line.
 - JOIST BOT. CHORD EXTENSION**: Symbol with a cross and a line.
 - JOIST BOLTED CONNECTION PER OSHA REQUIREMENTS**: Symbol with a circle and a cross.
 - BEAM SPLICE LOCATION**: Symbol with a vertical line and a cross.
 - BEAM MOMENT CONNECTION**: Symbol with a vertical line and a triangle.
 - ELEVATION OR WORK**: Indicated by a line pointing to the bottom.
 - Section Markers**:
 - NEW COLUMN NUMBER**: Indicated by a line pointing to the number '1'.
 - EXISTING COLUMN NUMBER**: Indicated by a line pointing to the letter 'A'.
 - SECTION NUMBER**: Indicated by a line pointing to the number '24'.
 - SHEET NUMBER**: Indicated by a line pointing to the number '9400'.
 - Revision Cloud**: Indicated by a line pointing to a cloud shape.
 - BSM IMAGE ORIENTATION**: Indicated by a line pointing to a circular symbol.

ABBREVIATIONS

[illegible]

DRAWING INDEX

SHEET NUMBER	SHEET NAME
1-S1	TITLE SHEET
1-S2	PLAN VIEWS - I
1-S3	PLAN VIEWS - II
1-S4	DETAILS - I

[illegible]

FOR CONSTRUCTION




[illegible]

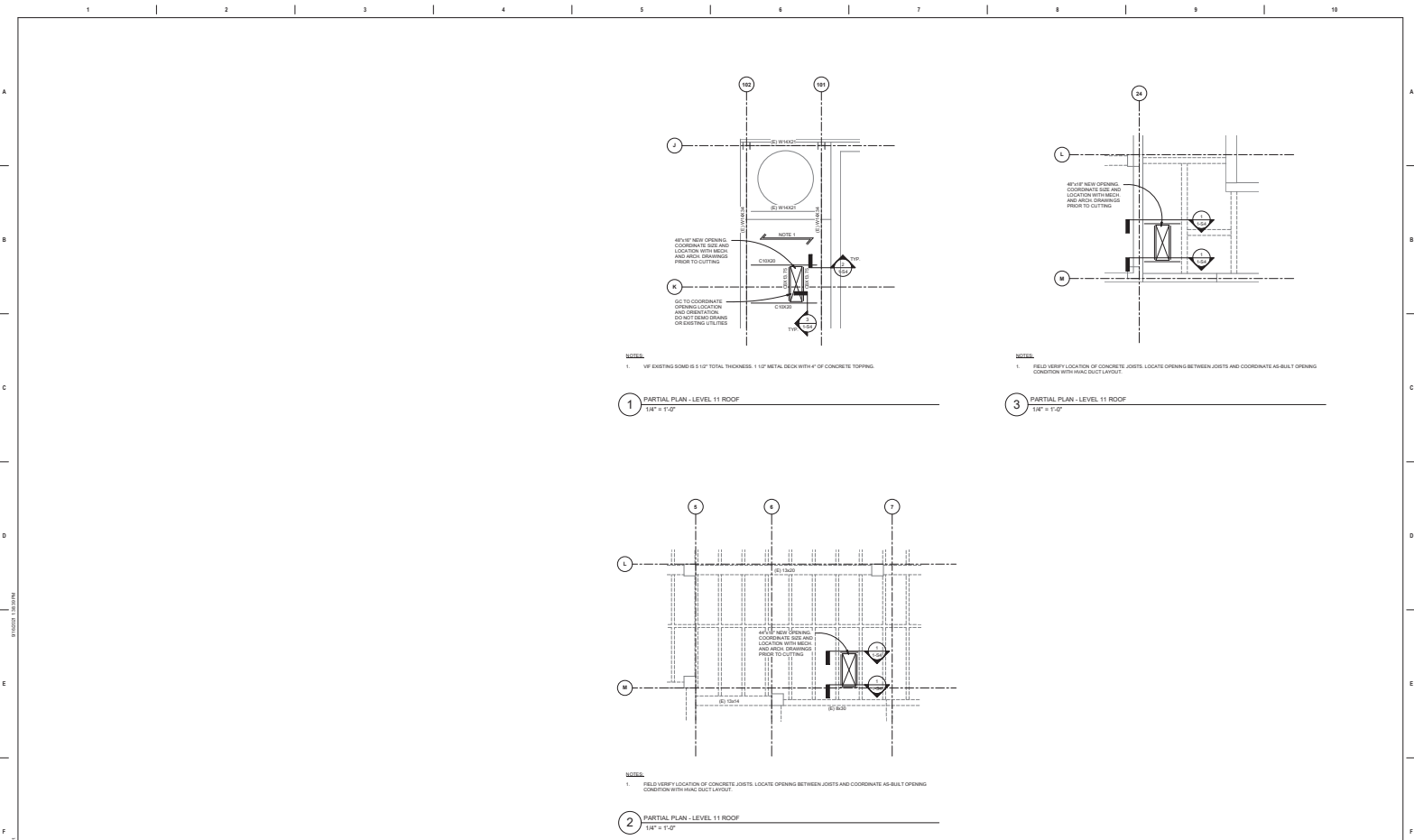


ROOF TOP MECHANICAL UNIT WEIGHT SCHEDULE		
MARK	TOTAL ALLOWABLE WEIGHT LBS.	COMMENTS
EF-PAN-1	1,800	TOTAL WEIGHT OF 2 PAN UNIT
EF-PAN-2	1,900	TOTAL WEIGHT OF 2 PAN UNIT
EF-PAN-3	2,400	TOTAL WEIGHT OF 2 PAN UNIT
EF-PAN-4	2,400	TOTAL WEIGHT OF 2 PAN UNIT

NOTES:

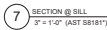
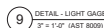
1. CONTRACTOR TO VERIFY/COORDINATE SIZE AND WEIGHT OF UNITS LOCATED ON BALL MATCH STRUCTURAL DRAWINGS CENTER IN GROSS AND X AXIS.
2. WEIGHTS ARE ASSIGNED TO BE THE TOTAL INCLUSIVE WEIGHTS COVERED BY EACH TOP MECH-UNIT. INCLUDING CURB AND ARE NOT TO EXCEED LOADS CONNECTED OR SUPPORTED BY THIS. THIS COULD VARY BASED UPON THE TYPE OF MECH-UNIT USED.
3. MECHANICAL UNIT CONNECTION TO CURB, CURB DESIGN AND CURB CONNECTION TO STRUCTURE IS BY SUPPLIER.
4. MECHANICAL UNIT CONNECTION TO CURB, CURB DESIGN AND CURB CONNECTION TO STRUCTURE IS BY SUPPLIER.

		CONSULTANT 		ARCHITECT/ENGINEER OF RECORD 		STAMP 		Office of Construction and Facilities Management  U.S. Department of Veterans Affairs		Drawing Title PLAN VIEWS - I		Phase CONSTRUCTION DOCUMENTS 100% REVIEW		Project Title ICVA ROOF AND FLOOR HVAC PENETRATIONS		Project Number 63648-20-008	
		<small>© PROPERTY OF ADVANCED STRUCTURAL TECHNOLOGIES THIS DOCUMENT MAY NOT BE LOANED, COPIED, REPRODUCED, OR OTHERWISE TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF ADVANCED STRUCTURAL TECHNOLOGIES.</small>		31454 3rd Ave. E. #300 Plymouth, MI 48178 P 734.452.4899 F 734.452.4899 T 734.452.4899 Website: www.ast-usa.com						Approved:		FULLY SPRINKLERED		Location IOWA CITY, IA		Drawing Number 1-S2	
Prepared: _____ Date: _____		IOWA STATE DEPARTMENT OF TRANSPORTATION DESIGN & CONSTRUCTION DIVISION										Sheet Date 08/21/21		Checked T. ORR		Design C. ZIMMER	

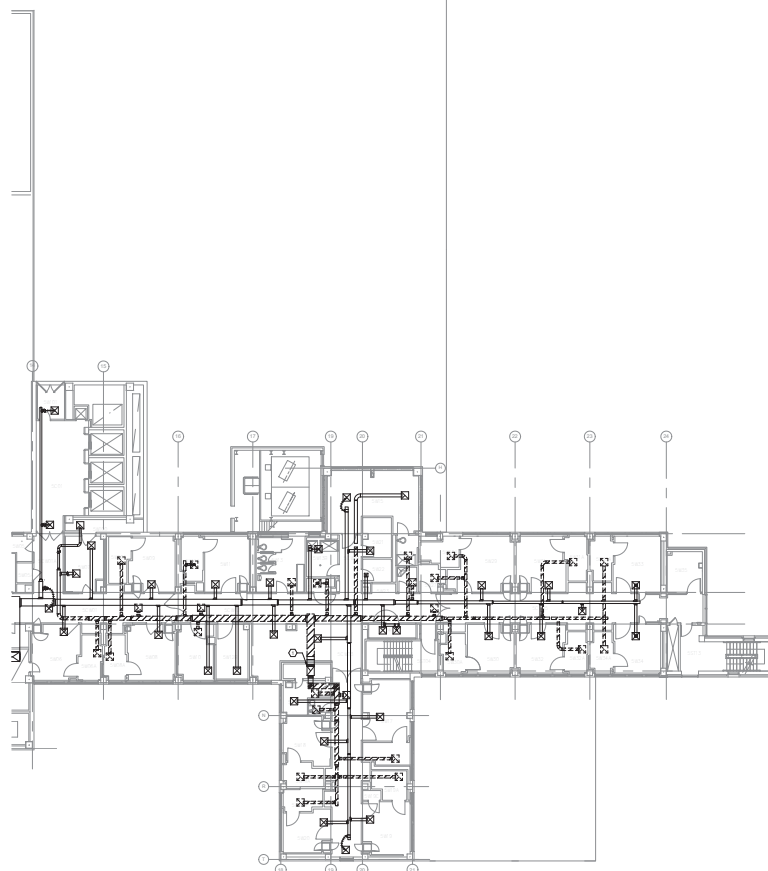


FOR CONSTRUCTION

<div>CONSULTANT</div> <div><div>AST</div><div>© PROPERTY OF ANDERSON ENGINEERING, INC. ALL RIGHTS RESERVED. THIS DOCUMENT MAY NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.</div></div>	<div>ARCHITECT/ENGINEER OF RECORD</div> <div><div>ANDERSON</div><div>3548 S.E. 4th, E. 43rd, P.O. Box 1111, SE 43rd Ave Ft. Lauderdale, FL 33309 P: 754.461.4000 F: 754.461.4000 www.anderson-engineering.com</div></div>	<div>STAMP</div> <div><div>Office of Construction and Facilities Management</div><div>U.S. Department of Veterans Affairs</div></div>	<div>Drawing Title</div> <div>PLAN VIEWS - II</div>	<div>Phase</div> <div>CONSTRUCTION DOCUMENTS 100% REVIEW</div>	<div>Project Title</div> <div>ICVA ROOF AND FLOOR HVAC PENETRATIONS</div>	<div>Project Number</div> <div>636AS-20-008</div>
<div>Revisions:</div> <div>1. 10/1/2020</div>	<div>Approval</div> <div>10/1/2020</div>	<div>Approval</div> <div>10/1/2020</div>	<div>Approved</div> <div>10/1/2020</div>	<div>FULLY SPRINKLERED</div>	<div>Location</div> <div>IOWA CITY, IA</div>	<div>Building Number</div> <div>BUILDING - 1</div>
<div>Drawn</div> <div>10/1/2020</div>	<div>Checked</div> <div>10/1/2020</div>	<div>Reviewed</div> <div>10/1/2020</div>	<div>Drawn</div> <div>10/1/2020</div>	<div>Checked</div> <div>10/1/2020</div>	<div>Reviewed</div> <div>10/1/2020</div>	<div>Sheet Number</div> <div>1-S3</div>



FOR CONSTRUCTION



1 2 3 4 5 6 7 8 9 10

A

B

C

D

E

F

A

B

C

D

E

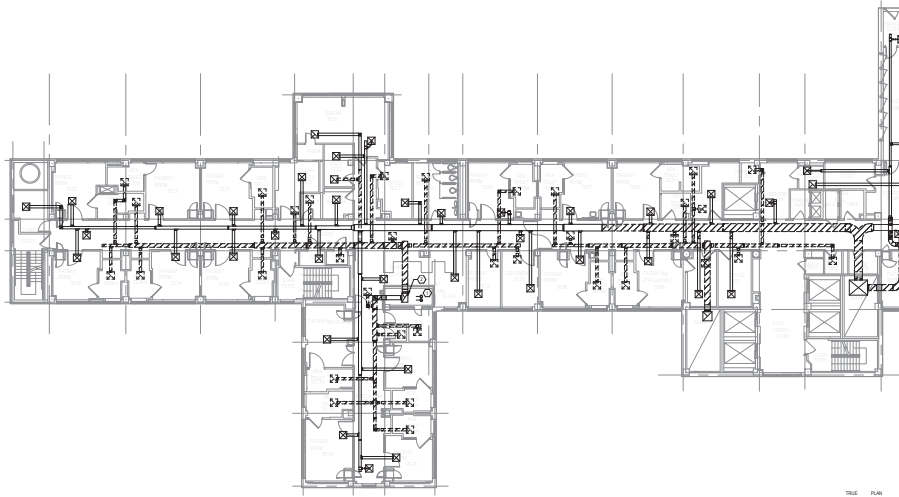
F

GENERAL NOTES:

1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA DEPARTMENT OF REVENUE AND FINANCE (IDRF) REGULATIONS. ALL MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA DEPARTMENT OF REVENUE AND FINANCE (IDRF) REGULATIONS.
3. ALL MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA DEPARTMENT OF REVENUE AND FINANCE (IDRF) REGULATIONS.
4. THE OWNER AND ARCHITECT ARE NOT RESPONSIBLE FOR THE CONSTRUCTION QUALITY OR PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY AND PERFORMANCE OF THE WORK.




SHEET NOTES:

1. REMOVE EXISTING HOT AND COLD WATER PIPES AND COUPLED BRANDED LINES FROM THE 7TH FLOOR TO THE MECHANICAL ROOMS. CAP ALL LINES PER THE 2018 IOWA BUILDING CODE.
2. PERFORM THE TEST ON EACH TRAP, CHECK FOR LEAKS AND ON THE SUPPLY PIPES OF THE BRANDED LINES. REMOVE THE TRAP AND THE SUPPLY PIPES TO THE MECHANICAL ROOMS.

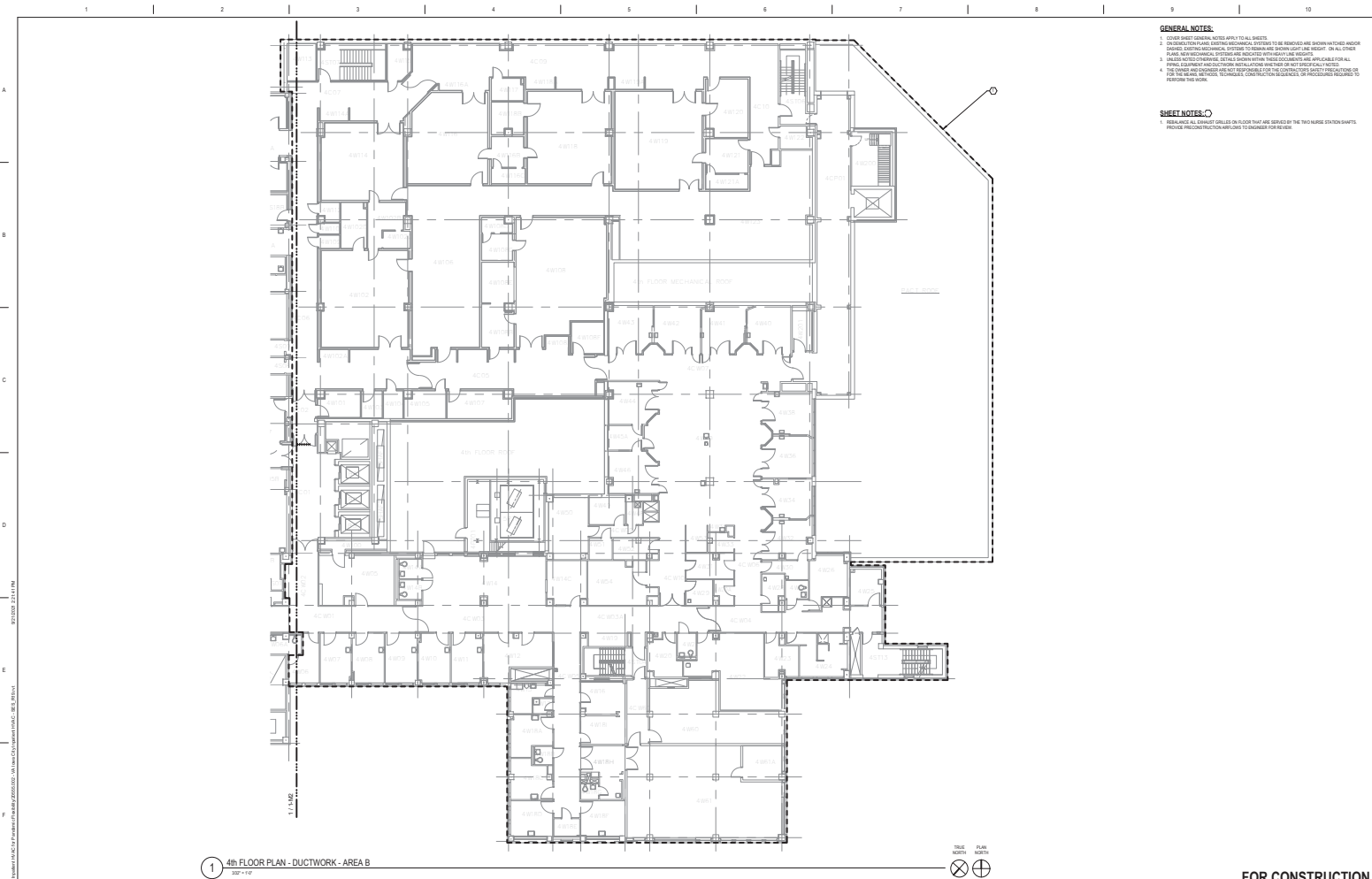


1 7th FLOOR PLAN - MECHANICAL DEMOLITION - AREA A
SHEET 1 OF 1



CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.581.4300 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 3340 S. 1st Ave., E. 4300 Pkwy., W. R. 4300 P. 700.415.4000 F. 700.415.4000 11.000.0000 Anderson Engineering & Architecture, LLC P.E. # 1001		STAMP 	Office of Construction and Facilities Management 	Drawing Title 7th FLOOR PLAN - MECHANICAL DEMOLITION - AREA A Revised	Phase CONSTRUCTION DOCUMENTS FULLY SPRINKLERED	Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY Location Iowa City, IA Issue Date 09/21/2021 Checked NB Printed PD Drawn 1-MD2	FOR CONSTRUCTION Project Number 636AS-20-008 Building Number BUILDING 1 Sheet Number 1-MD2
---	--	--	--	---	--	--	--	--	--

1 2 3 4 5 6 7 8 9 10






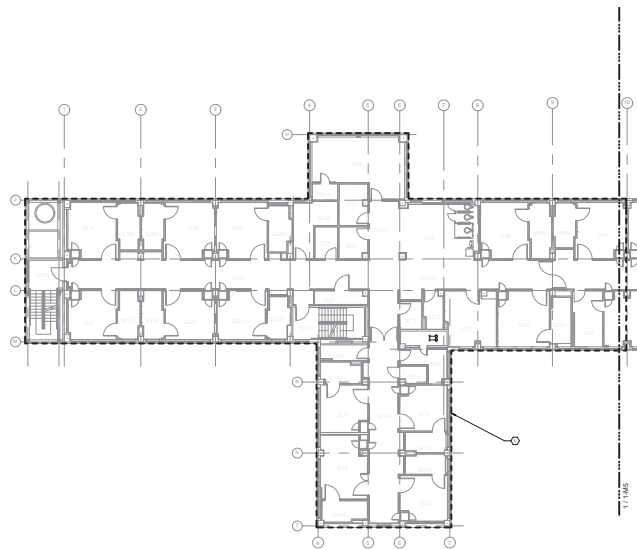
GENERAL NOTES:

1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA DEPARTMENT OF PUBLIC SAFETY (DPS) RULES AND REGULATIONS.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA DEPARTMENT OF PUBLIC SAFETY (DPS) RULES AND REGULATIONS.
4. THE OWNER AND ARCHITECT ARE NOT RESPONSIBLE FOR THE CONSTRUCTION QUALITY OR PERFORMANCE OF THE WORK.

SHEET NOTES:

1. RECONFIGURE ALL EXISTING DUCTWORK ON FLOOR THAT ARE SERVED BY THE TWO MAIN DUCTWORK SHEDS.

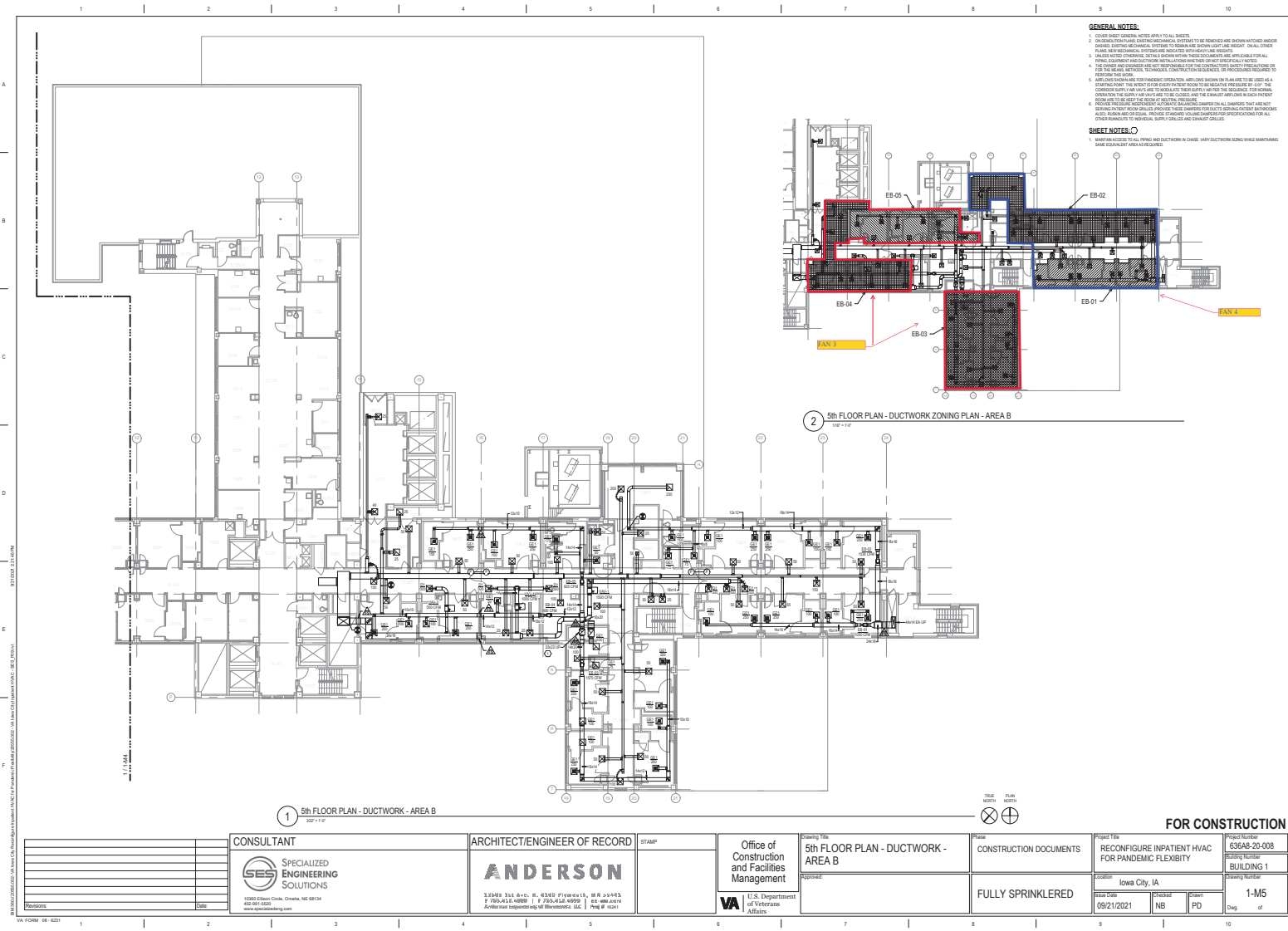
CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.981.4300 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 31448 S.W. 4th, E. 4380 Pkwy, Bldg. 100 P.O. Box 1000000 P.O. Box 1000000 1000000000 Anderson Engineering of Minneapolis, MN P.O. Box 1000000		STAMP  Office of Construction and Facilities Management  U.S. Department of Veterans Affairs		Project Title 4th FLOOR PLAN - DUCTWORK - AREA B Phase CONSTRUCTION DOCUMENTS Project Type RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY Location Iowa City, IA Issue Date 09/21/2021 Project Number 636AS-20-008 Building Number BUILDING 1 Sheet Number 1-M3 Drawn By NB Checked By PD Date 09/21/2021	
---	--	---	--	---	--	--	--



TRUE NORTH PLAN NORTH

[illegible]



GENERAL NOTES:

1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA DEPARTMENT OF PUBLIC SAFETY (DPS) RULES.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA DEPARTMENT OF PUBLIC SAFETY (DPS) RULES.
4. THE OWNER AND ARCHITECT SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.

SHEET NOTES:



1. MAINTAIN ACCESS TO ALL PIPING AND DUCTWORK IN CHASE. MAINTAIN DUCTWORK DURING MAINTENANCE WORK. MAINTENANCE SHALL BE DONE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA DEPARTMENT OF PUBLIC SAFETY (DPS) RULES.

2 5th FLOOR PLAN - DUCTWORK ZONING PLAN - AREA B

1 5th FLOOR PLAN - DUCTWORK - AREA B



FOR CONSTRUCTION

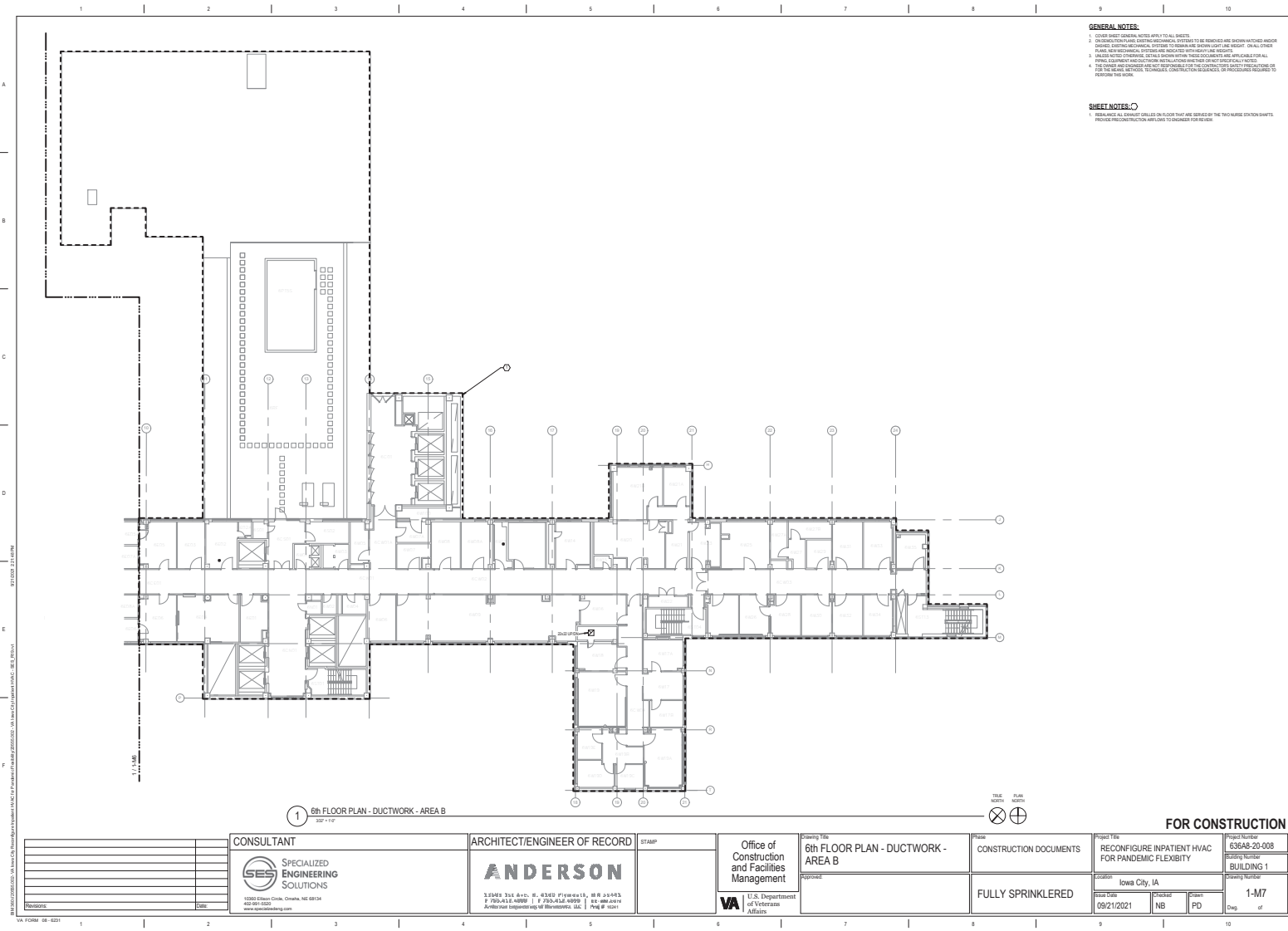
CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.981.4000 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 31448 S.W. 4th, E. 43rd, P.O. Box 11, W.R. 50-045 P. 781.415.4000 F. 781.415.4000 11.400.0000 Anderson Engineering & Architecture, LLC P.O. Box 11		Office of Construction and Facilities Management  U.S. Department of Veterans Affairs		Project Title 5th FLOOR PLAN - DUCTWORK - AREA B Phase CONSTRUCTION DOCUMENTS Location Iowa City, IA Issue Date 09/21/2021 Project Number 636AS-20-008 Building Number BUILDING 1 Room Number 1-M5		Revision 1 Revised By NB Revised Date PD Drawn By PD Check By PD Scale 1/4\"/>
---	--	--	--	---	--	--	--	---



TRUE NORTH PLAN NORTH

[illegible]



GENERAL NOTES:

1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE IOWA BUILDING CODE AND ALL APPLICABLE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION CODES. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA BUILDING CODE AND ALL APPLICABLE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION CODES. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA BUILDING CODE AND ALL APPLICABLE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION CODES.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA BUILDING CODE AND ALL APPLICABLE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION CODES.
4. THE OWNER AND ARCHITECT ARE NOT RESPONSIBLE FOR THE CONSTRUCTION QUALITY OR PERFORMANCE OF THE WORK.



SHEET NOTES:

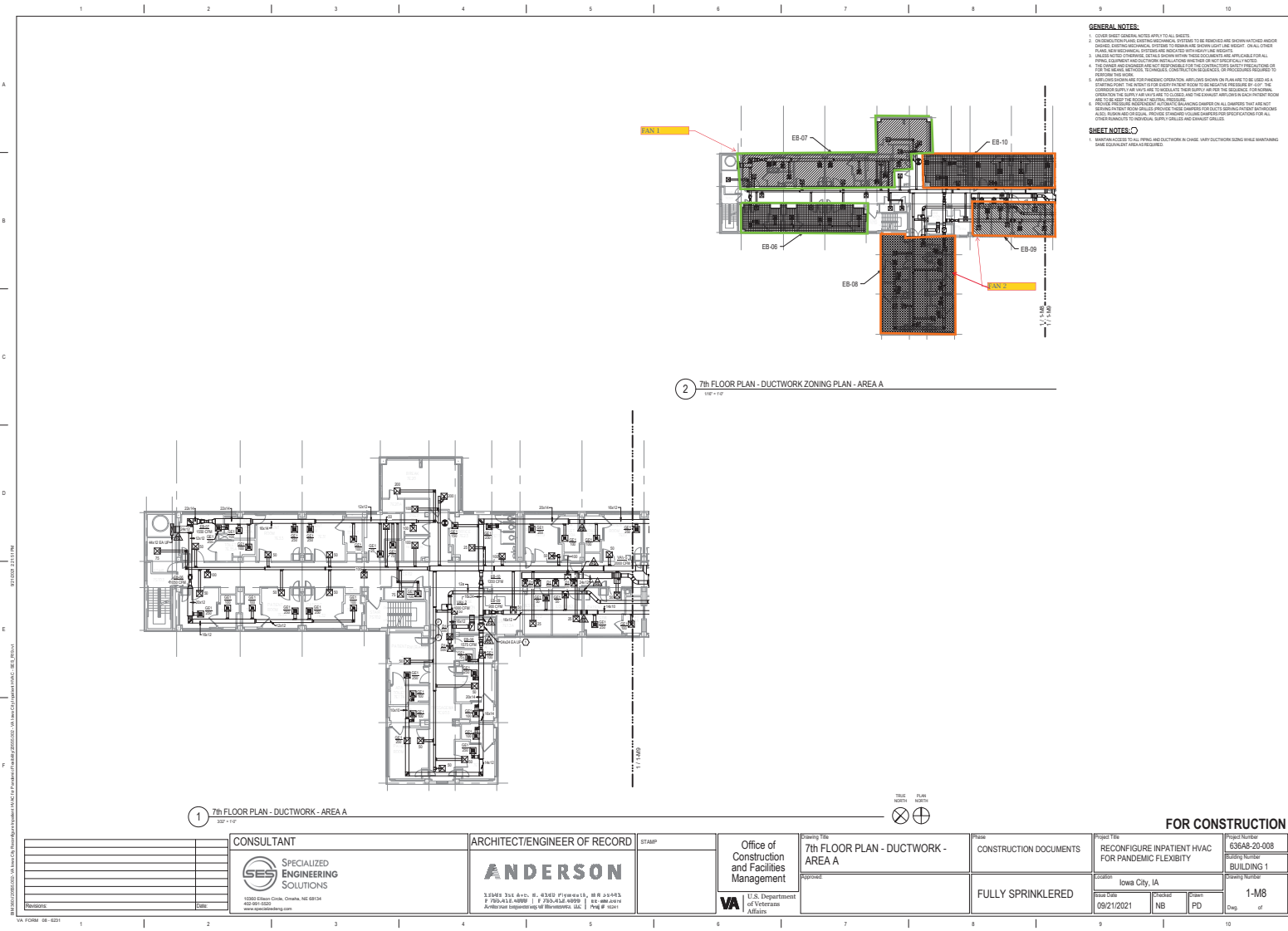
1. RECONFIGURE ALL EXISTING DUCTWORK ON FLOOR THAT ARE SERVED BY THE TWO MAIN DUCTWORK SHEDS. PROVIDE PRELIMINARY MEASUREMENTS TO DETERMINE FOR REVIEW.

1 6th FLOOR PLAN - DUCTWORK - AREA B
SHEET 1 OF 1



FOR CONSTRUCTION

CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.981.4000 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 3340 S.E. 4th, E. 43rd, P.O. Box 11, W.R. 50-045 P. 705.435.4000 F. 705.435.4000 H. 402.981.4000 Anderson Engineering & Architecture, LLC P.O. Box 11, W.R. 50-045		Office of Construction and Facilities Management  U.S. Department of Veterans Affairs		6th FLOOR PLAN - DUCTWORK - AREA B CONSTRUCTION DOCUMENTS FULLY SPRINKLERED		Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY Location Iowa City, IA Issue Date 09/21/2021 Project Number 636AS-20-008 Building Number BUILDING 1 Sheet Number 1-M7	
---	--	--	--	---	--	--	--	--	--



GENERAL NOTES:



- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE IOWA DEPARTMENT OF PUBLIC SAFETY, DIVISION OF FIRE PREVENTION AND INSPECTION, AND THE IOWA DEPARTMENT OF HEALTH SERVICES, DIVISION OF PUBLIC HEALTH.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE IOWA DEPARTMENT OF PUBLIC SAFETY, DIVISION OF FIRE PREVENTION AND INSPECTION, AND THE IOWA DEPARTMENT OF HEALTH SERVICES, DIVISION OF PUBLIC HEALTH.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE IOWA DEPARTMENT OF PUBLIC SAFETY, DIVISION OF FIRE PREVENTION AND INSPECTION, AND THE IOWA DEPARTMENT OF HEALTH SERVICES, DIVISION OF PUBLIC HEALTH.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE IOWA DEPARTMENT OF PUBLIC SAFETY, DIVISION OF FIRE PREVENTION AND INSPECTION, AND THE IOWA DEPARTMENT OF HEALTH SERVICES, DIVISION OF PUBLIC HEALTH.

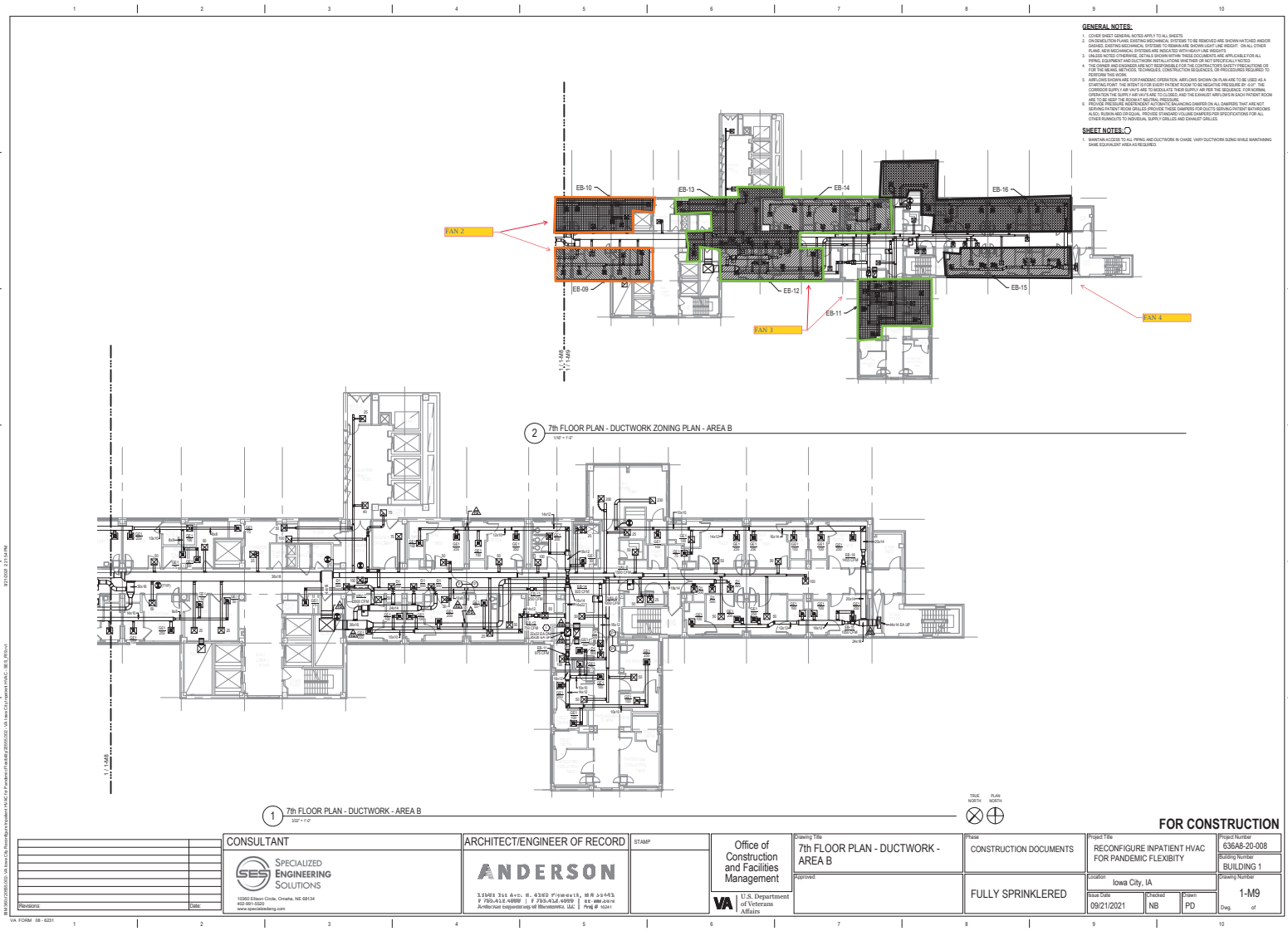
SHEET NOTES:

- MAINTAIN ACCESS TO ALL PIPING AND DUCTWORK IN CHASE. MAINTAIN DUCTWORK DURING MAINTENANCE. MAKE EQUIPMENT AREA AS REQUIRED.

2 7th FLOOR PLAN - DUCTWORK ZONING PLAN - AREA A
1/8" = 1'-0"

1 7th FLOOR PLAN - DUCTWORK - AREA A
3/8" = 1'-0"

CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.681.4333 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 3340 S. 15th Ave., E. 43201, Plymouth, MN 55443 P: 763.435.4000 F: 763.435.4000 E: anderson@anderson-engineering.com Anderson Engineering, LLC is a subsidiary of Anderson Engineering, Inc.		Office of Construction and Facilities Management  U.S. Department of Veterans Affairs		Project Title 7th FLOOR PLAN - DUCTWORK - AREA A Phase CONSTRUCTION DOCUMENTS Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY Location Iowa City, IA Issue Date 09/21/2021 Project NB Drawn PD Check PD Scale 1-M8 Sheet Number 636AS-20-008 Building Number BUILDING 1 Drawing Number 1-M8 Drawn of		FOR CONSTRUCTION	
---	--	--	--	---	--	--	--	-------------------------	--



GENERAL NOTES:

1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA AND FEDERAL REGULATIONS.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA BUILDING CODE, 2018 EDITION, AND ALL APPLICABLE IOWA AND FEDERAL REGULATIONS.
4. THE OWNER AND ARCHITECT SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK.

SHEET NOTES:



1. MAINTAIN ACCESS TO ALL PIPING AND DUCTWORK IN CHASE. MAINTAIN DUCTWORK DURING MAINTENANCE AND OCCUPANCY AS REQUIRED.

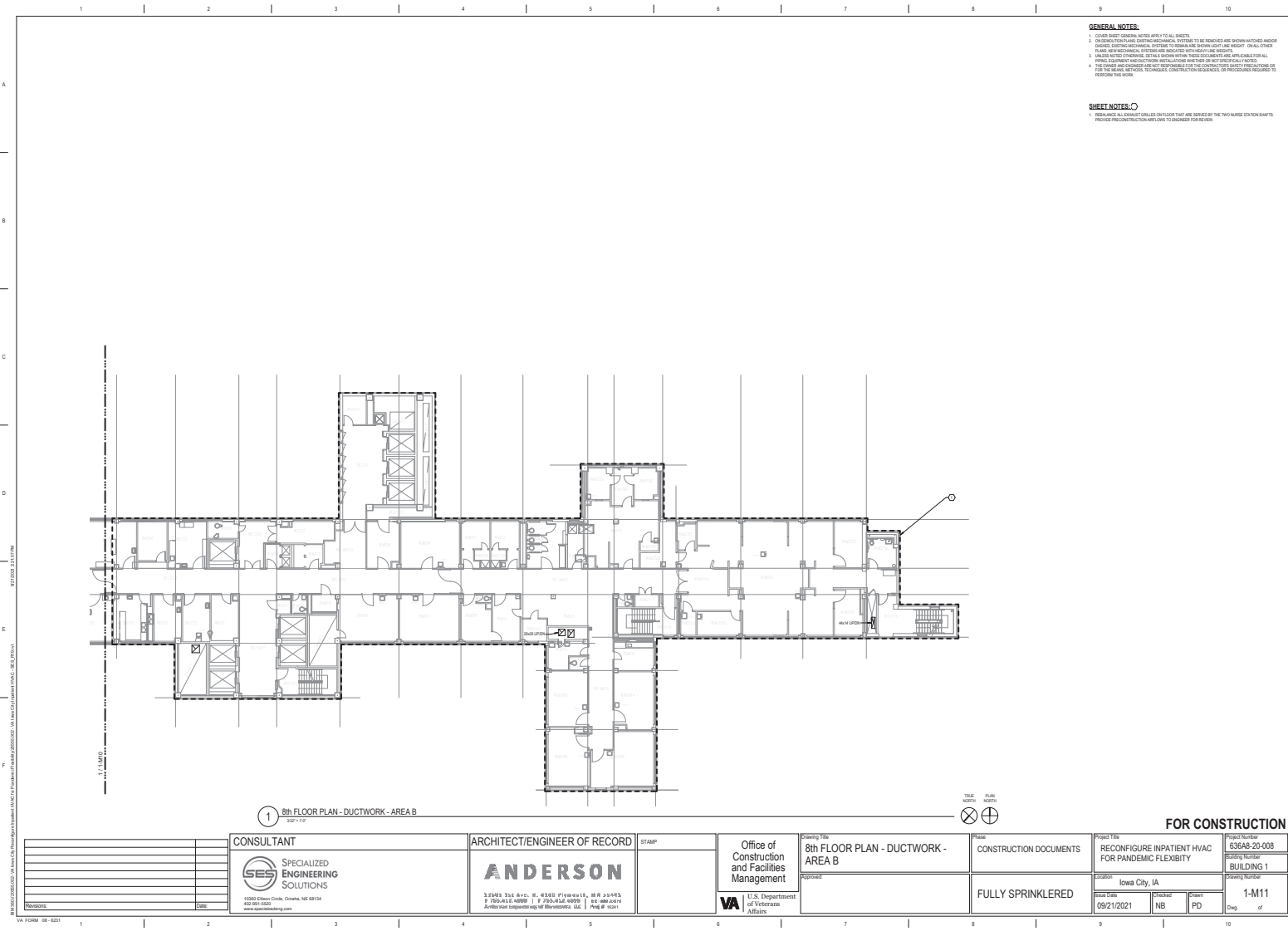
2 7th FLOOR PLAN - DUCTWORK ZONING PLAN - AREA B

1 7th FLOOR PLAN - DUCTWORK - AREA B



FOR CONSTRUCTION

CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.681.4000 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 3340 S. 15th St., Suite 200, Lincoln, NE 68502 P: 402.441.1000 F: 402.441.1001 E: info@anderson-engineers.com Anderson Engineering LLC (Nebraska), LLC Proj # 1001		Office of Construction and Facilities Management  U.S. Department of Veterans Affairs		Project Title 7th FLOOR PLAN - DUCTWORK - AREA B Phase CONSTRUCTION DOCUMENTS System FULLY SPRINKLERED		Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY Location Iowa City, IA Issue Date 09/21/2021 Revised NB Project PD Drawn by 1-M9		Sheet Number 636AS-20-008 Building Number BUILDING 1 Revision Number 1-M9
---	--	--	--	---	--	--	--	---	--	---



GENERAL NOTES:

1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. CONSTRUCTION PAPER, DIMENSIONS AND SYMBOLS TO BE IDENTICAL AND SHOWN UNLESS OTHERWISE NOTED. DIMENSIONS TO BE SHOWN UNLESS OTHERWISE NOTED. DIMENSIONS TO BE SHOWN UNLESS OTHERWISE NOTED.
3. DIMENSIONS TO BE SHOWN UNLESS OTHERWISE NOTED. DIMENSIONS TO BE SHOWN UNLESS OTHERWISE NOTED.
4. THE OWNER AND ARCHITECT ARE NOT RESPONSIBLE FOR THE CONSTRUCTION QUALITY OR PERFORMANCE OF THE WORK.



SHEET NOTES:

1. REVISIONS TO ALL SHEETS SHALL BE SHOWN ON THE SHEET. REVISIONS TO ALL SHEETS SHALL BE SHOWN ON THE SHEET.

1 8th FLOOR PLAN - DUCTWORK - AREA B



FOR CONSTRUCTION

CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.491.4000 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 3140 S. 1st Ave., E. 4300 Pkwy., W. R. 4300 Pkwy. P.O. Box 4300, Omaha, NE 68134 402.491.4000 www.anderson-engineering.com		Office of Construction and Facilities Management  U.S. Department of Veterans Affairs		Project Title 8th FLOOR PLAN - DUCTWORK - AREA B		Phase CONSTRUCTION DOCUMENTS		Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY		Project Number 636AS-20-008	
Revision		Revision		Revision		Revision		Revision		Revision		Revision	
1		2		3		4		5		6		7	
8		9		10		11		12		13		14	

1 2 3 4 5 6 7 8 9 10

A

B

C

D

E

F

A

B

C

D

E

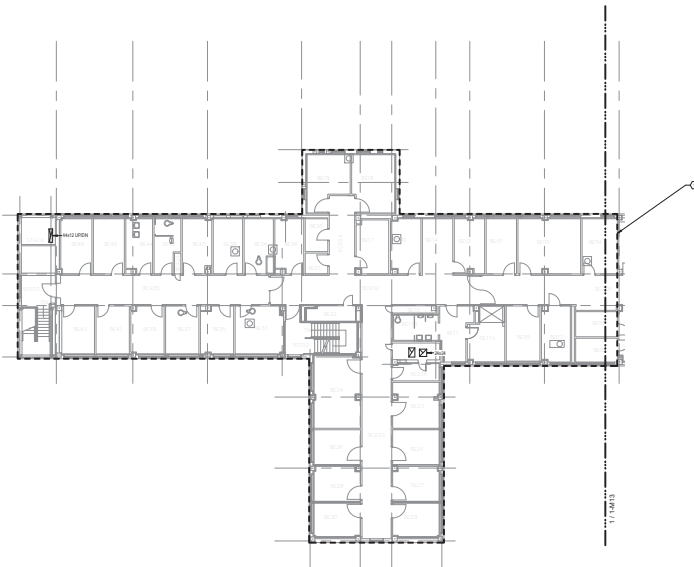
F

GENERAL NOTES:

1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE IOWA DEPARTMENT OF TRANSPORTATION AND THE IOWA DEPARTMENT OF REVENUE. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF TRANSPORTATION AND THE IOWA DEPARTMENT OF REVENUE. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF TRANSPORTATION AND THE IOWA DEPARTMENT OF REVENUE.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF TRANSPORTATION AND THE IOWA DEPARTMENT OF REVENUE. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF TRANSPORTATION AND THE IOWA DEPARTMENT OF REVENUE.
4. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION QUALITY OR PERFORMANCE OF THE WORK.



SHEET NOTES:

1. REVISIONS TO ALL SHEETS SHALL BE DONE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF TRANSPORTATION AND THE IOWA DEPARTMENT OF REVENUE. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF TRANSPORTATION AND THE IOWA DEPARTMENT OF REVENUE.



1 9th FLOOR PLAN - DUCTWORK - AREA A
3/20/21



CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.581.0000 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 3340 S. 1st Ave., E. 43801 Pinedale, NE 68134 P: 781.415.4000 F: 781.415.4000 111.400.0000 Anderson Engineering & Architecture, LLC P&E # 1001		Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Project Title 9th FLOOR PLAN - DUCTWORK - AREA A Phase CONSTRUCTION DOCUMENTS Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY Location Iowa City, IA Issue Date 09/21/2021 Project NB Phase PD Sheet 1-M12		FOR CONSTRUCTION Project Number 636AS-20-008 Building Number BUILDING 1 Sheet Number 1-M12	
---	--	--	--	---	---	--	--	--

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

A

B

C

D

E

F

A

B

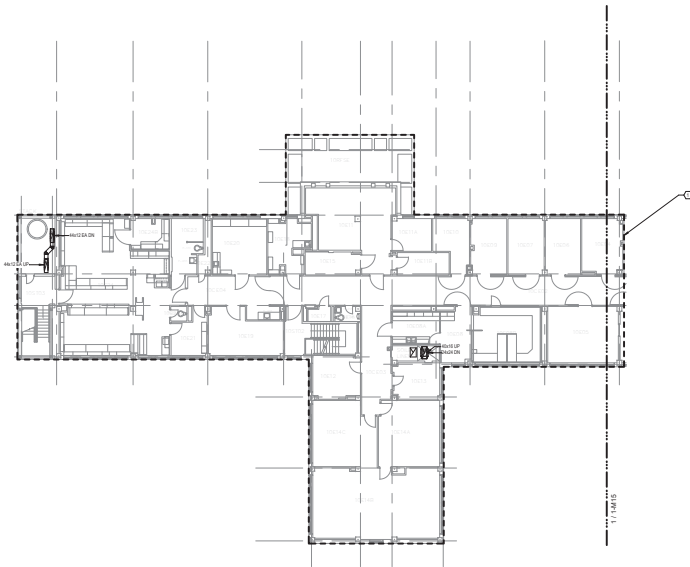
C

D

E

F

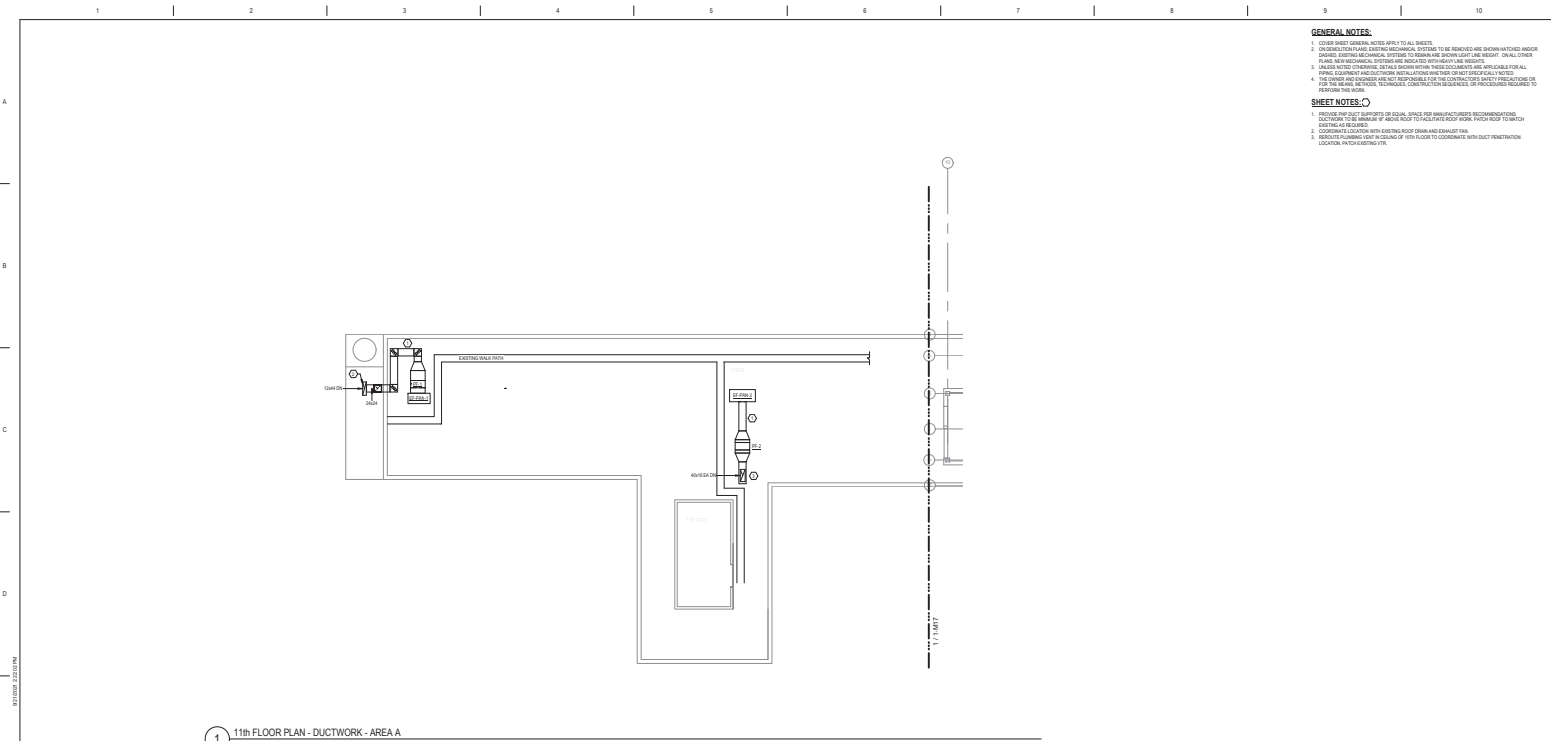
- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
 - COORDINATION: PLUMB, MECHANICAL, ELECTRICAL SYSTEMS TO BE RECONFIGURED ARE SHOWN UNCHANGED AND/OR SHOWN. ELECTRICAL MECHANICAL SYSTEMS TO BE RECONFIGURED ARE SHOWN UNCHANGED AND/OR SHOWN. ELECTRICAL MECHANICAL SYSTEMS TO BE RECONFIGURED ARE SHOWN UNCHANGED AND/OR SHOWN.
 - ALL WORK NOTED OTHERWISE IS TO BE DONE WITHIN THE EXISTING BUILDING. ALL WORK NOTED OTHERWISE IS TO BE DONE WITHIN THE EXISTING BUILDING. ALL WORK NOTED OTHERWISE IS TO BE DONE WITHIN THE EXISTING BUILDING.
 - THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK OR FOR THE WORK. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION QUALITY OF THE WORK OR FOR THE WORK.
- SHEET NOTES:**
- RECONFIGURE ALL EXISTING DUCTS ON FLOOR THAT ARE SHOWN BY THE TWO NUMBER DUCTION NUMBER. RECONFIGURE ALL EXISTING DUCTS ON FLOOR THAT ARE SHOWN BY THE TWO NUMBER DUCTION NUMBER.



1 10th FLOOR PLAN - DUCTWORK - AREA A



CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
SPECIALIZED ENGINEERING SOLUTIONS		ANDERSON				U.S. Department of Veterans Affairs		10th FLOOR PLAN - DUCTWORK - AREA A		CONSTRUCTION DOCUMENTS		RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY		636AS-20-008	
1000 Edison Circle, Omaha, NE 68134		3348 S. 1st Ave., E. 4380 Pinesdale, NE 68134						Approved		FULLY SPRINKLERED		Location		BUILDING 1	
601-581-0000		770-543-6000 770-543-6000 770-543-6000										Iowa City, IA		1-M14	
www.speceng.com		Anderson Engineering & Architecture, LLC										Issue Date		Drawn By	
												09/21/2021		NB	
												PD		Day	






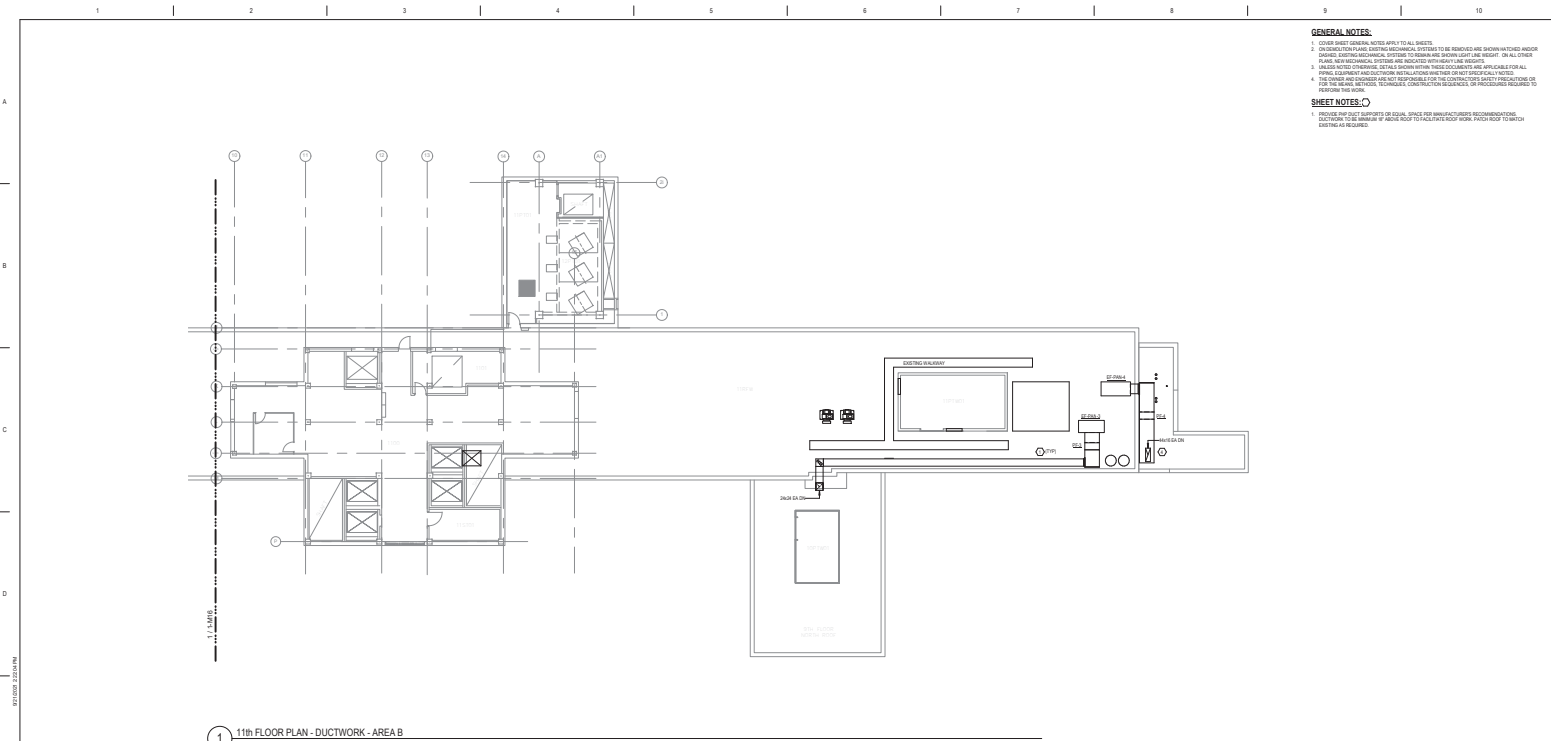
- GENERAL NOTES:**
1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
 2. CONSTRUCTION SHALL VERIFY ALL MECHANICAL SYSTEMS TO BE RECONFIGURED ARE SHOWN ON THESE SHEETS. ANY MECHANICAL SYSTEMS NOT SHOWN ON THESE SHEETS SHALL BE LEFT AS IS.
 3. ALL MECHANICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC, ASHRAE 90.1-2010, AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
- SHEET NOTES:**
1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL MECHANICAL SYSTEMS PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.

1 11th FLOOR PLAN - DUCTWORK - AREA A
2021-11-02



FOR CONSTRUCTION

CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 10000 Edison Circle, Omaha, NE 68134 402.591.0000 www.ses-engineering.com		ARCHITECT/ENGINEER OF RECORD ANDERSON 3340 S. 1st Ave., E. 4380 Fremont St., W.R. 55445 P. 760.415.4000 F. 760.415.4000 E. anderson@anderson-engineering.com Anderson Engineering of Minnesota, LLC P.O. Box 1001		STAMP 	Office of Construction and Facilities Management 	Drawing Title 11th FLOOR PLAN - DUCTWORK - AREA A Project	Phase CONSTRUCTION DOCUMENTS System FULLY SPRINKLERED	Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY Location Iowa City, IA Issue Date 09/21/2021 Checked NB Drawn PD Scale 1-M16	Project Number 636AS-20-008 Building Number BUILDING 1 Sheet Number 1-M16
---	--	---	--	---	--	---	--	---	---



1 11th FLOOR PLAN - DUCTWORK - AREA B
3/22/21

GENERAL NOTES:

1. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF PUBLIC SAFETY (DPS) STANDARDS FOR CONSTRUCTION OF DETENTION FACILITIES. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF PUBLIC SAFETY (DPS) STANDARDS FOR CONSTRUCTION OF DETENTION FACILITIES.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IOWA DEPARTMENT OF PUBLIC SAFETY (DPS) STANDARDS FOR CONSTRUCTION OF DETENTION FACILITIES.
4. THE OWNER AND ARCHITECT ARE NOT RESPONSIBLE FOR THE CONSTRUCTION QUALITY OR PERFORMANCE OF THE WORK.

SHEET NOTES:

1. THESE ARE NOT SUPPORTS OR EQUALS. THESE ARE MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO BE AWARE OF THESE RECOMMENDATIONS WHEN IN CHARGE OF THE WORK.

CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Project Title		Phase		Project Title		Project Number	
SPECIALIZED ENGINEERING SOLUTIONS		ANDERSON				U.S. Department of Veterans Affairs		11th FLOOR PLAN - DUCTWORK - AREA B		CONSTRUCTION DOCUMENTS		RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY		636AS-20-008	
10000 Edison Circle, Omaha, NE 68134 402.981.4300 www.specialeengineering.com		3348 S.E. 4th, E. 43rd, P.O. Box 11, W.R. 20-043 P.O. Box 11, W.R. 20-043 Architect/Engineer of Record, LLC, P.O. Box 11, W.R. 20-043						Approved		FULLY SPRINKLERED		Location: Iowa City, IA		Building Number: BUILDING 1	
Project:		Date:										Issue Date: 09/21/2021		Drawing Number: 1-M17	
												Revised: NB		Drawn: PD	

[illegible]

1. COORDINATE EXACT MODEL AND FRAME WITH CEILING / WALL TYPE.
2. PROVIDE REMOTE DAMPER ACTUATION IN HARD CEILING.
3. COORDINATE LOCATION OF GRILLES WITH ARCHITECTURAL CEILING PLANS AND ELEVATIONS.
4. DIFFUSER / GRILLE CONSTRUCTION SHALL BE ALUMINUM CONSTRUCTION IN ALL RESTROOMS, TOILETS, RECEIVING AREAS, AND VESTIBLES.

REMARKS:

1. MAXIMUM RADIATED SOUND LEVEL BASED ON ARI 88-86 AT 1.0 IN W.C. DIFFERENTIAL PRESSURE SHALL NOT EXCEED NC 30.
2. MAXIMUM DISCHARGE SOUND LEVEL BASED ON ARI 88-86 AT 1.0 IN W.C. DIFFERENTIAL PRESSURE SHALL NOT EXCEED NC 25.

REMARKS:




1. PROVIDE MAGNETIC GAUGE ACROSS HOLDING FILTER.
2. AAF BAG IN BAG OUT OR EQUAL. ENCLOSURE TO BE RATED FOR OUTDOOR INSTALLATION. FILTER SIZED FOR 250 FPM.
3. ALTERNATE: PROVIDE PRICING FOR CAMFL-FARR SCKLO.

1. MAXIMUM RADIATED SOUND LEVEL BASED ON AIR BE-48 AT 1.0 IN.W.C. DIFFERENTIAL PRESSURE SHALL NOT EXCEED NC 30.

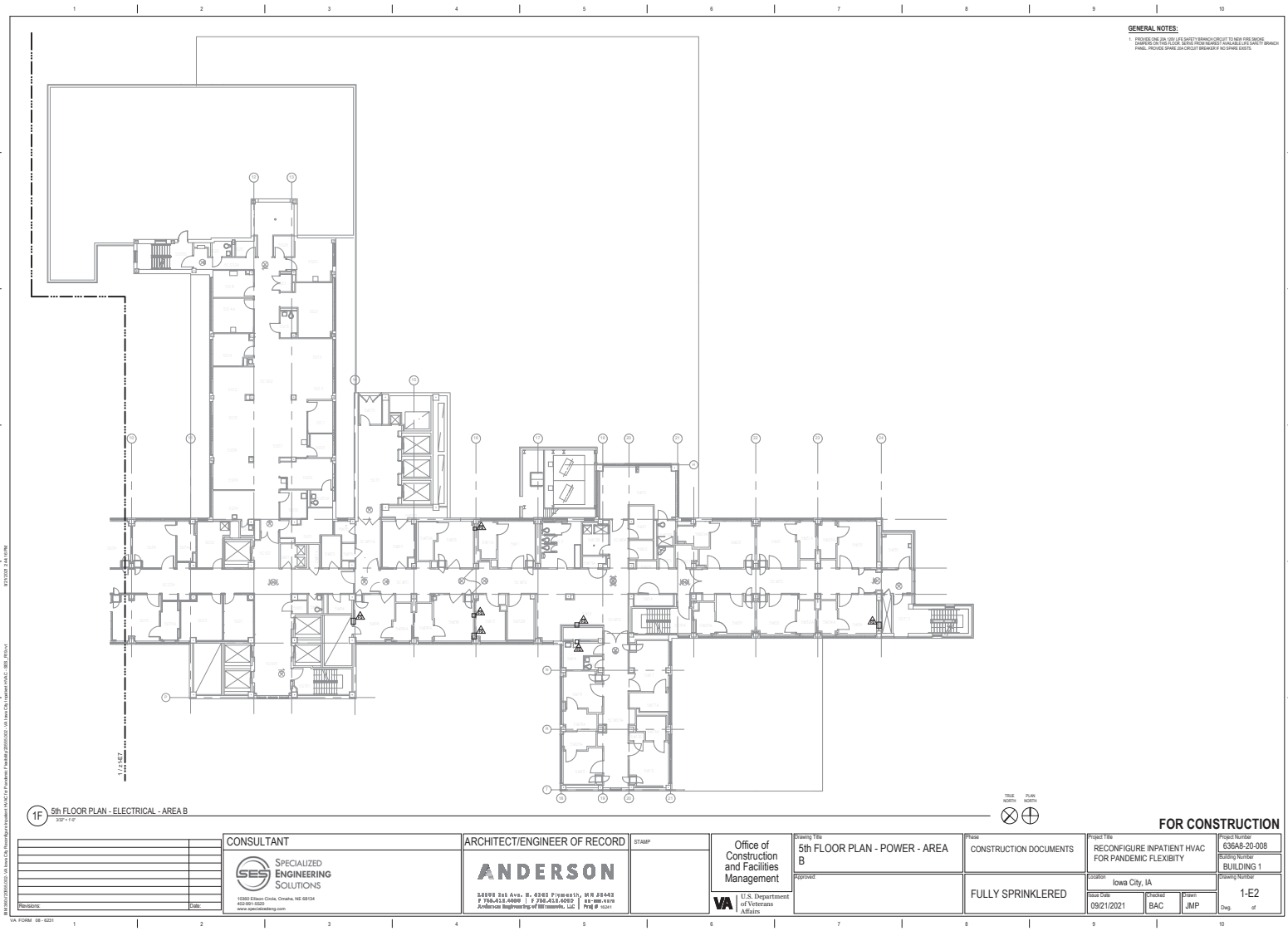


2 VAV BOX - MAKE UP AIR

FOR CONSTRUCTION

 SPECIALIZED ENGINEERING SOLUTIONS		ARCHITECT/ENGINEER OF RECORD 		Office of Construction and Facilities Management  U.S. Department of Veterans		Drawing Title MECHANICAL SCHEDULES & CONTROLS		Phase CONSTRUCTION DOCUMENTS		Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY		Project Number 636A8-20-008	
10300 Edison Circle, Ontario, NE 68134 402-691-5520 www.sesengineering.com		1310 AS ST SE 4TH, N. 43202 FARMERS BL, NE 68103 7720-A11-1000 / 7720-A12-1000 / 7720-A13-1000 Architect's Independent of the Architect, Inc. Proj # 1001		Approved		Fully Sprinklered		Location Iowa City, IA		Issue Date 09/21/2021		Checked NB	
Date										Status PD		Drawing Number 1-M18	
Revisions										Date of 09/21/2021		Drawn by NB	




GENERAL NOTES:
1. PROVIDE ONE (1) 1/2" LIFE SAFETY BRANCH CIRCUIT TO NEW FIRE SMOKE DAMPERS ON THE 5TH FLOOR. SMOKE DETECTOR BRANCHES AVAILABLE LIFE SAFETY BRANCH PANEL. PROVIDE SPACE JOINT/CUT BREAKERS IF NO SMOKE DETECT.



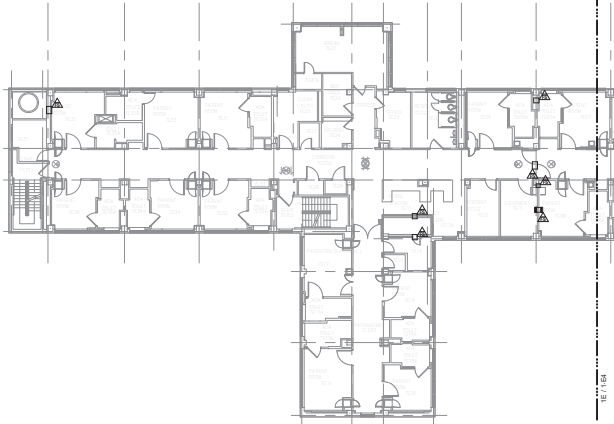
1F 5th FLOOR PLAN - ELECTRICAL - AREA B
SEP-11-21



FOR CONSTRUCTION



<div>CONSULTANT</div> <div> SPECIALIZED ENGINEERING SOLUTIONS</div> <div>10200 Edison Circle, Omaha, NE 68134 402.981.4300 www.specsol.com</div>	<div>ARCHITECT/ENGINEER OF RECORD</div> <div> ANDERSON</div> <div>34300 S45 Ave., S. 42005 Pleasant, NE 68143 P 781-433-0800 F 781-433-0803 800-488-1370 Anderson Engineering of Minnesota, LLC P&H # 10241</div>	<div>STAMP</div> <div>Office of Construction and Facilities Management</div> <div> U.S. Department of Veterans Affairs</div>	<div>Drawing Title</div> <div>5th FLOOR PLAN - POWER - AREA B</div> <div>Approved</div>	<div>Phase</div> <div>CONSTRUCTION DOCUMENTS</div> <div>FULLY SPRINKLERED</div>	<div>Project Title</div> <div>RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY</div> <div>Location</div> <div>Iowa City, IA</div> <div>Issue Date</div> <div>09/21/2021</div> <div>Prepared</div> <div>BAC</div> <div>Checked</div> <div>JMP</div> <div>Design</div> <div>1-E2</div>	<div>Project Number</div> <div>636A8-20-008</div> <div>Building Number</div> <div>BUILDING 1</div> <div>Sheet Number</div> <div>1-E2</div>
---	--	---	---	---	---	--

GENERAL NOTES:
1. PROVIDE ONE (1) 1/2" DIA. LIFT SAFETY BRANCH CIRCUIT TO NEW FIRE SMOKE
CHAMBERS ON THE 7TH FLOOR. BRANCH FROM HARBORCAMP AVAILABLE LIFT SAFETY BRANCH
PANEL. PROVIDE SPACE AND CIRCUIT BREAKER IF ANY OTHER SPACE.



1F 7th FLOOR PLAN - ELECTRICAL - AREA A
300' = 1" = 0'



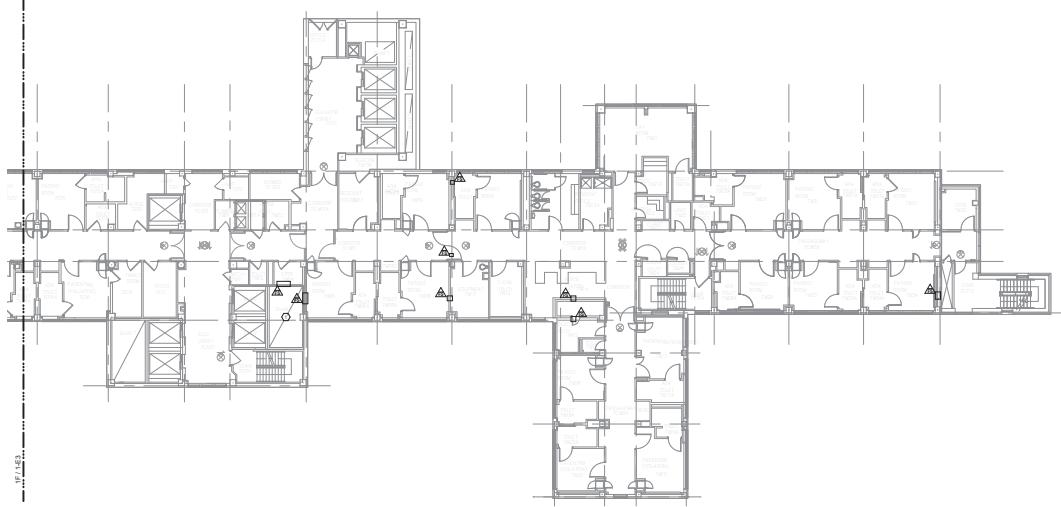
CONSULTANT		ARCHITECT/ENGINEER OF RECORD		Office of Construction and Facilities Management		Project Title		FOR CONSTRUCTION	
 SPECIALIZED ENGINEERING SOLUTIONS		ANDERSON				7th FLOOR PLAN - POWER - AREA A		RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY	
10000 Edison Circle, Omaha, NE 68134 402.691.4300 www.specialized.com		3400 S 5th Ave., B. 4200 Plymouth, MN 55443 P 760.435.4800 F 760.435.4900 800.488.1970 Anderson Engineering of Minnesota, LLC P.E. # 10241		U.S. Department of Veterans Affairs		Construction Documents		Project Number 636AS-20-008	
7th Floor		Fully Sprinklered		U.S. Department of Veterans Affairs		Fully Sprinklered		Location Iowa City, IA	
Revision		Date		Revision		Revision		Revision	
1		09/21/2021		2		3		4	
1		BAC		JMP		1-E3		1-E3	

GENERAL NOTES:

1. PROVIDE ONE (1) 100-AMP SAFETY SWITCH (CIRCUIT TO MAIN PANEL) BRANCH CIRCUITS ON THIS FLOOR. BRANCH CIRCUITS FROM MAIN PANEL AVAILABLE LIFE SAFETY BRANCH PANEL. PROVIDE ONE (1) 100-AMP SAFETY SWITCH (CIRCUIT TO MAIN PANEL) BRANCH CIRCUITS.

SHEET NOTES:



1. CONSIDER THE IMPACT OF EXISTING LIGHT SWITCHES, RECEPTACLES, AND CONDUITS IN SHIRT DUE TO MECHANICAL EQUIPMENT CHANGES.

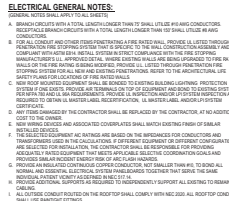


1E 7th FLOOR PLAN - ELECTRICAL - AREA B
300'-10"



FOR CONSTRUCTION




CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS <small>10200 Edison Circle, Omaha, NE 68134 402.981.4300 www.specialized.com</small>		ARCHITECT/ENGINEER OF RECORD ANDERSON <small>34888 5th Ave., S. #200 Plymouth, MN 55443 P 763.433.6888 F 763.433.6873 800-488-1370 Anderson Engineering of Minnesota, LLC P&ID # 10241</small>		STAMP Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Project Title 7th FLOOR PLAN - POWER - AREA B Approved	Phase CONSTRUCTION DOCUMENTS FULLY SPRINKLERED	Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY Location Iowa City, IA Issue Date 09/21/2021	Project Number 636AS-20-008 Building Number BUILDING 1 Sheet Number 1-E4 Drawn by BAC Checked by JMP	Scale 1"=4' Drawn by BAC Checked by JMP
--	--	--	--	---	---	---	---	---	--



2. UTILIZE EXISTING CONDUIT FROM DEMOLISHED PENTHOUSE MOTOR CONTROL CENTER W/100A AND EXTEND TO PANEL ACP IN INTERCEPT CONDUIT WITHIN BASEMENT. UTILIZE CONDUIT AS GROUNDING PROVIDE 3-50 KCMIL CU FEEDERS WITHIN THE EXISTING 2.5" CONDUIT TO THE PENTHOUSE.

[illegible]

FIRE ALARM SYMBOL LEGEND		
PLAN SYMBOL	NAME	DESCRIPTION
	MANUAL FIRE ALARM PULL STATION	When the alarm is sounded, the alarm is transmitted to the fire alarm control panel. The alarm is transmitted to the fire alarm control panel via a hardwired connection.
	FIRE ALARM CONTROL PANEL	The fire alarm control panel is the central unit of the fire alarm system. It receives signals from the fire alarm devices and transmits signals to the fire alarm notification devices.
	FIRE ALARM NOTIFICATION DEVICE	The fire alarm notification device is used to alert occupants of the building of a fire alarm. It can be a bell, a horn, or a speaker.
	FIRE ALARM CONTROL PANEL WITH REMOTE ANNUNCIATOR	The fire alarm control panel with remote annunciator is used to provide a visual indication of the fire alarm status. It is typically located in a central location, such as a control room or a security office.
	FIRE ALARM CONTROL PANEL WITH REMOTE ANNUNCIATOR AND MANUAL RESET	The fire alarm control panel with remote annunciator and manual reset is used to provide a visual indication of the fire alarm status and to allow for manual reset of the system. It is typically located in a central location, such as a control room or a security office.

CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS 12002 Edison Ave. Omaha, NE 68134 402.991.0223 www.sespecialized.com		ARCHITECT/ENGINEER OF RECORD  3800 26th Ave., # 400 Omaha, NE 68131 770.612.4800 / 770.612.4002 / 1-800-444-1818 Anderson Engineering of Minnesota, LLC P/E # 1641		STAMP	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Drawing Title ELECTRICAL DETAILS	Phase CONSTRUCTION DOCUMENTS	Project Title RECONFIGURE INPATIENT HVAC FOR PANDEMIC FLEXIBILITY	Project Number 636A8-20-008
Code		Location Iowa City, IA		Revision 09/21/2021	Checked BAC	Design JMP	Drawing Number BUILDING 1	Drawing Number 1-E6	

