

St. Cloud VA Health Care System
Main Campus, St. Cloud, Minnesota

OWNER AND
CONSULTANTS:

VA COR: MIKE ENGMARK
CONTACT: ST CLOUD VA MEDICAL CENTER
ADDRESS: 4801 VETERANS DRIVE
ST. CLOUD, MN 56303
PHONE: 320-252-1670

PROGRAM MANAGER:
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ADDRESS: ST CLOUD VA MEDICAL CENTER
4801 VETERANS DRIVE
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PHONE: 504-250-2699
EMAIL: Jonathan.West@vccint.com

CIVIL ENGINEER:
NAME: ANDERSON ENGINEERING OF MN, LLC
ADDRESS: 13605 1ST AVE NORTH, SUITE 100
PLYMOUTH, MN 55441

CONTACT: IAN WEBER
PHONE: 763-412-4000

ARCHITECT:
NAME: ANDERSON ENGINEERING OF MN, LLC
ADDRESS: 13605 1ST AVE NORTH, SUITE 100
PLYMOUTH, MN 55441

CONTACT: EDWARD MARKFORT
PHONE: 763-412-4000

STRUCTURAL ENGINEER:
NAME: ADVANCED STRUCTURAL TECHNOLOGIES
ADDRESS: 7301 OHMS LANE, SUITE 215
EDINA, MN 55439

CONTACT: ZACHARY CF
PHONE: 952-854-9302

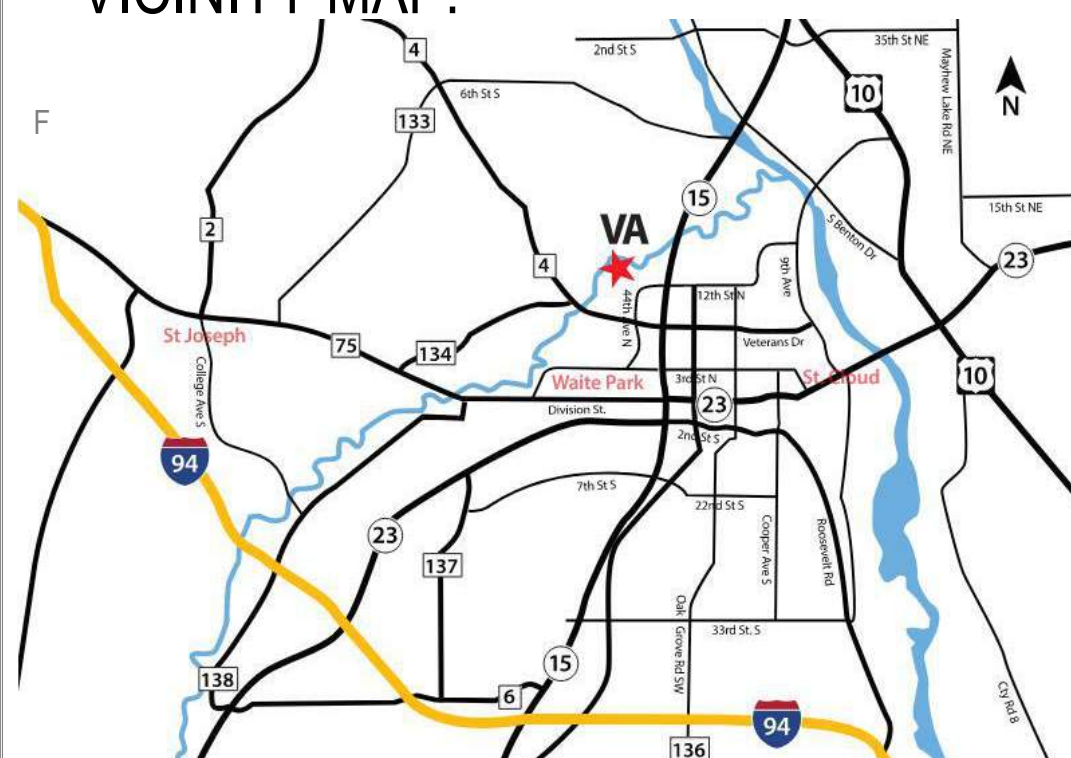
TELECOMMUNICATIONS ENGINEER:
NAME: SPECIALIZED ENGINEERING SOLUTIONS
ADDRESS: 10360 ELLISON CIRCLE
OMAHA, NE 68134

CONTACT: KRIS BURNH
PHONE: 402-991-5520

MECH/ELEC/PLUMB/FIRE ENGINEER:
NAME: SPECIALIZED ENGINEERING SOLUTIONS
ADDRESS: 10360 ELLISON CIRCLE
OMAHA NE 68134

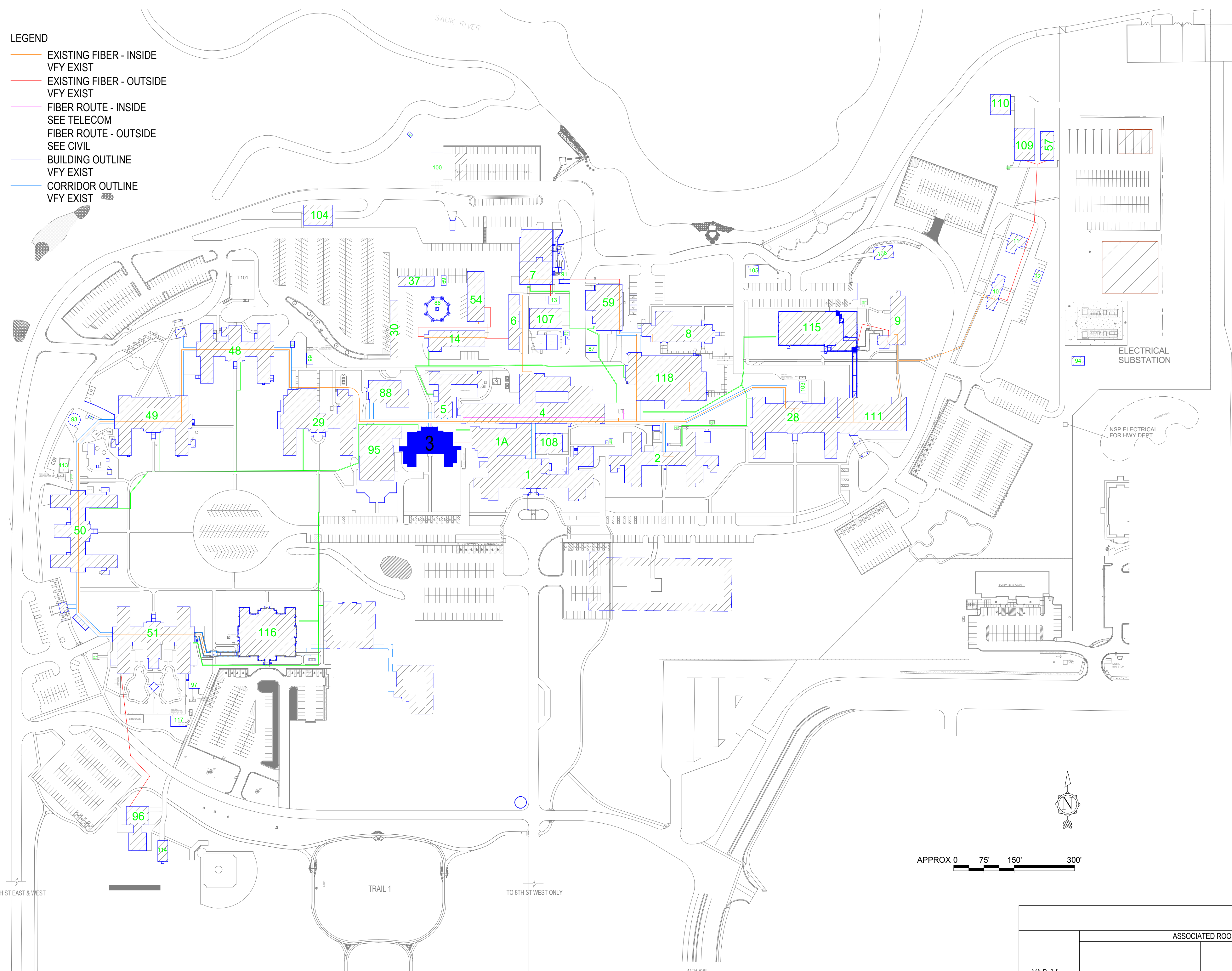
CONTACT: KRIS BURNH
PHONE: 402-991-5520

VICINITY MAP:



LEGEND

- EXISTING FIBER - INSIDE
VFY EXIST
- EXISTING FIBER - OUTSIDE
VFY EXIST
- FIBER ROUTE - INSIDE
SEE TELECOM
- FIBER ROUTE - OUTSIDE
SEE CIVIL
- BUILDING OUTLINE
VFY EXIST
- CORRIDOR OUTLINE
VFY EXIST



SHEET INDEX - BUILDING 3

SHEET NO.	SHEET TITLE
3-G0000	BUILDING 3 COVER SHEET & SHEET INDEX
3-G1111	FIRST FLOOR - INFECTION CONTROL & PHASING PLAN
3-G1121	SECOND FLOOR INFECTION CONTROL & PHASING PLAN
3-HA-1A	REFERENCE - BASEMENT FLOOR ASBESTOS RE-SURVEY
3-HA-2A	REFERENCE - FIRST FLOOR ASBESTOS RE-SURVEY
3-HA-3A	REFERENCE - SECOND FLOOR ASBESTOS RE-SURVEY
3-HA-4A	REFERENCE - THIRD FLOOR ATTIC ASBESTOS RE-SURVEY
3-E0110	BASEMENT AND FIRST FLOOR PLANS
3-E0210	SECOND FLOOR AND ATTIC PLANS
3-TD100	BASEMENT & FIRST FLOOR PLANS - TELECOM - DEMOLITION
3-TD120	SECOND & THIRD FLOOR PLANS - TELECOM - DEMOLITION
3-TN100	BASEMENT & FIRST FLOOR PLANS - TELECOMMUNICATIONS
3-TN120	SECOND & THIRD FLOOR PLANS - TELECOMMUNICATIONS
3-TD121	FIRST FLOOR PLAN - TELCOM - CABLE DISTANCE
3-TN220	SECOND FLOOR PLAN - TELECOM - CABLE DISTANCE
3-TN300	ENLARGED PLANS - TELECOMMUNICATIONS - DEMO
3-TN400	ENLARGED PLANS - TELECOMMUNICATIONS
3-TN601	ENLARGED PLANS - TELECOMMUNICATIONS
3-E0020	BASEMENT FLOOR PLAN - ELECTRICAL
3-E0201	FIRST FLOOR - ELECTRICAL
3-E0202	SECOND FLOOR - ELECTRICAL
3-E0300	ELECTRICAL ENLARGED PLANS
3-E0400	ELECTRICAL RISER DIAGRAMS
3-E0500	ELECTRICAL SCHEDULES
3-OM101	FIRST FLOOR DEMOLITION - MECHANICAL
3-OM102	SECOND FLOOR DEMOLITION - MECHANICAL
3-OM201	FIRST FLOOR - MECHANICAL
3-OM202	SECOND FLOOR REMODEL - MECHANICAL

SEE GENERAL SHEETS FOR ADDITIONAL INFORMATION

ROOM SCHEDULE

NO.	NAME	CABLING	PATCH PANEL	FIBER	POWER	BONDING	UPS	DEDICATED COOLING	TEMPERATURE	HUMIDITY	RACK SENSOR	SPACE	AREA	WIDTH (FT)	LENGTH (FT)	REMARKS
FIRST FLOOR																
109	TELECOM ROOM												43 SF	5.4	8.0	UPDATE EXIST IT/DATA ROOM TO EHRM TELECOM ROOM STANDARDS. SEE TELECOM DRAWINGS
SECOND FLOOR																
205E	TELECOM ROOM		X	X			X		X	X	X		61 SF	7.3	11.2	UPDATE EXIST IT/DATA ROOM TO EHRM TELECOM ROOM STANDARDS. SEE TELECOM DRAWINGS

HAZARDOUS MATERIAL SCHEDULE

Hazardous Materials Schedule				
LEVEL	ROOM NO.	ROOM NAME	QUESTIONABLE HAZARDOUS ELEMENT	POSSIBLE ABATEMENT ACTION
FIRST FLOOR	109	TELECOM ROOM	NONE. SEE 3-A-1A-1A	NONE. ACM TO REMAIN UNDISTURBED
SECOND FLOOR	203E	TELECOM ROOM	NONE. SEE 3-A-2A-2A	NONE. ACM TO REMAIN UNDISTURBED
HAZARDOUS MATERIALS MAY BE LOCATED AND ENTERED THROUGHOUT THE DISTRIBUTION ROUTING THROUGH CEILING PLenums AND UTILITY TUNNELS. INSTALLATION OF DISTRIBUTION SHALL NOT DISTURB QUESTIONABLE HAZARDOUS MATERIAL.				

ICRA PHASE CONSTRUCTION ROOM SCHEDULE

LEVEL	ROOM NO.	ROOM NAME	CAI BLDG / FUNCTION	CONSTRUCTION PROJECT ACTIVITY	INFECTION CONTROL RISK GROUP	CONTROL PROCEDURE CLASS	SECTION	CONSTRUCTION ZONE / OCCUPIED CONST	DAY / NIGHT
FIRST FLOOR	109	TELECOM ROOM	DENTAL	TYPE C	GROUP I	CLASS II	WEST	OCCUPIED CONSTRUCTION	NIGHT
SECOND FLOOR	205E	CONSTRUCTION	ADMINISTRATIVE	TYPE C	GROUP I	CLASS II	WEST	OCCUPIED CONSTRUCTION	NIGHT

REMARKS: NOTES: SEE CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) DESCRIPTIONS. TYPE, GROUP AND CLASS SELECTED TO BEST OF DESIGN TEAMS KNOWLEDGE. FINAL DETERMINATION BY THE VA WILL BE MADE AT A LATER DATE.

LEAK PREVENTION / DIVERTER SCHEDULE

LEVEL	ROOM NO.	ROOM NAME	OVERHEAD LEAK DIVERter AND DRAIN PIPING	LEAK PREVENTION BARRIER WATERPROOFING
FIRST FLOOR	109	TELECOM ROOM		
SECOND FLOOR	205E	TELECOM ROOM		MWP INT: WEST
SEE GENERAL NOTES SHEET FOR DETAIL. MWP = MEMBRANE WATERPROOFING. MASONRY = FLUID-APPLIED WATERPROOFING. INT = INTERIOR. EXT = EXTERIOR				

OPENING SCHEDULE

[illegible]

No	REVISION	DATE

CONSULTANT



ARCHITECT/ENGINEER OF RECORD



STAMP

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.

Name: Tom Olesak

Typed or Printed Name: Tom Olesak

Date: 03/30/2022 License Number: MN# 18157

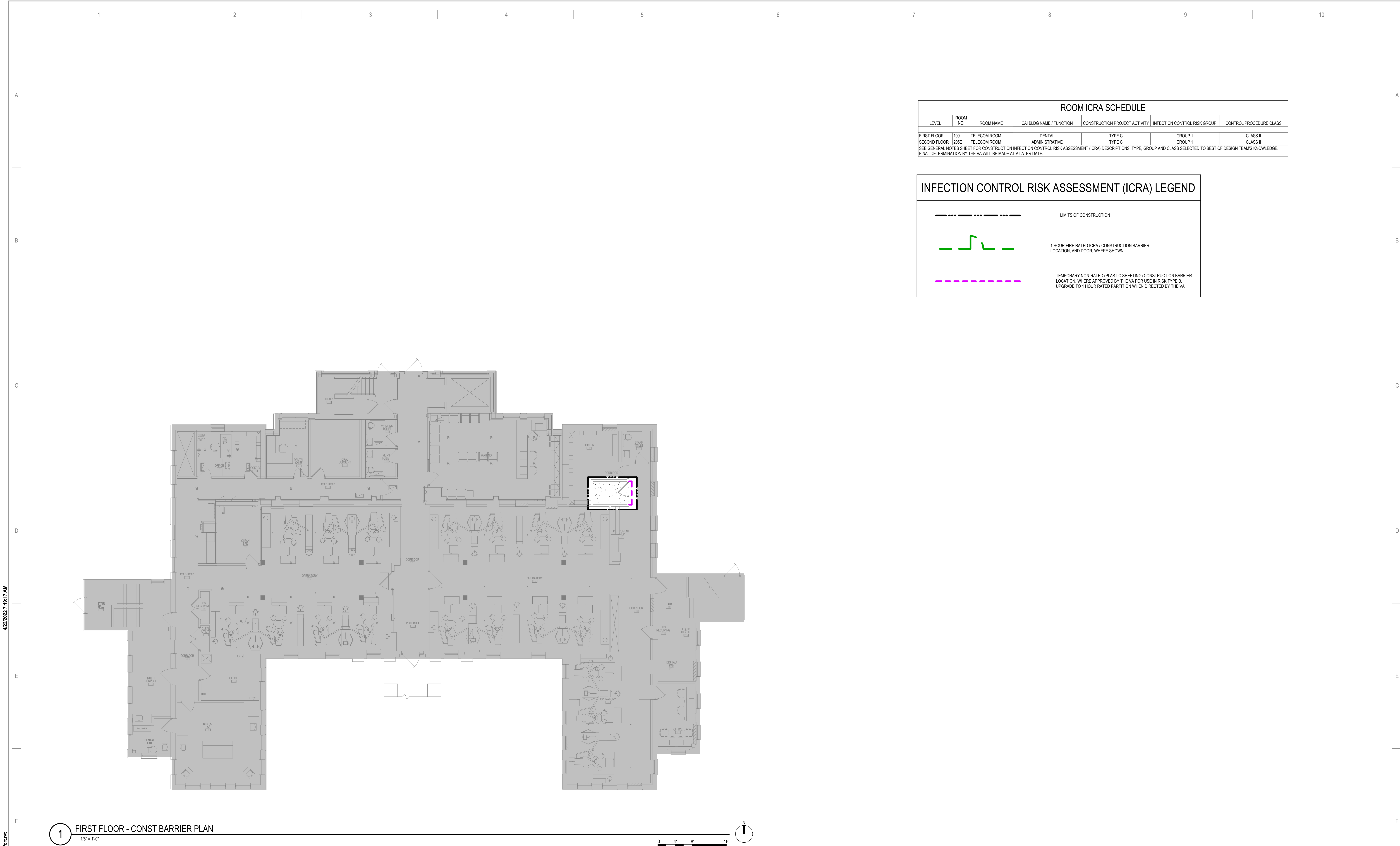
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APPROVED:	DATE:	APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: SAFETY MANAGER	DATE:	APPROVED: MD MANAGER	DATE:	APPROVED: ASSOCIATE DIRECTOR	DATE:
APPROVED:	DATE:	APPROVED: GEMS COORDINATOR	DATE:	APPROVED: CHIEF OF POLICE	DATE:	APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: NURSE EXECUTIVE	DATE:
APPROVED:	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:	APPROVED: OT MANAGER	DATE:	APPROVED: ASSISTANT CHIEF ENGINEER	DATE:	APPROVED: CHIEF OF STAFF	DATE:

DRAWING TITLE

**BUILDING 3 COVER SHEET &
SHEET INDEX**

PROJECT TITLE		DATE	
EHRM INFRASTRUCTURE UPGRADES		03/30/2022	
PLOT SCALE		PROJECT NO.	
		656-21-235	
BUILDING NO	CHECKED BY	DRAWN	DRAWING NO
3	EM	EM	3-G1000
LOCATION		FULLY SPRINKLERED	COVER
VA MEDICAL CENTER ST CLAUD, ANN ARBOR			

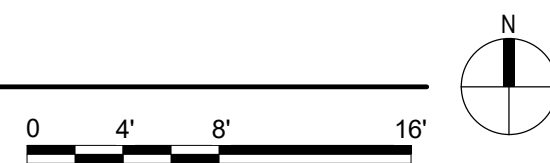
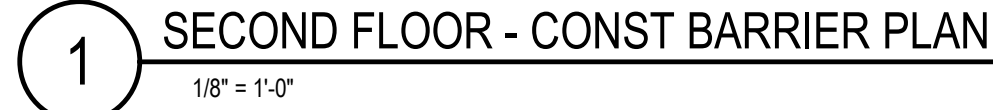







ROOM ICRA SCHEDULE						
LEVEL	ROOM NO.	ROOM NAME	CAI BLDG NAME / FUNCTION	CONSTRUCTION PROJECT ACTIVITY	INFECTION CONTROL RISK GROUP	CONTROL PROCEDURE CLASS
FIRST FLOOR	109	TELECOM ROOM	DENTAL	TYPE C	GROUP 1	CLASS II
SECOND FLOOR	209E	TELECOM ROOM	ADMINISTRATIVE	TYPE C	GROUP 1	CLASS II
SEE GENERAL NOTES SHEET FOR CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) DESCRIPTIONS. TYPE, GROUP AND CLASS SELECTED TO BEST OF DESIGN TEAM'S KNOWLEDGE. FINAL DETERMINATION BY THE VA WILL BE MADE AT A LATER DATE.						

INFECTION CONTROL RISK ASSESSMENT (ICRA) LEGEND	
	LIMITS OF CONSTRUCTION
	1 HOUR FIRE RATED ICRA / CONSTRUCTION BARRIER LOCATION, AND DOOR, WHERE SHOWN
	TEMPORARY NON-RATED (PLASTIC SHEETING) CONSTRUCTION BARRIER LOCATION, WHERE APPROVED BY THE VA FOR USE IN RISK TYPE B. UPGRADE TO 1 HOUR RATED PARTITION WHEN DIRECTED BY THE VA

1 FIRST FLOOR - CONST BARRIER PLAN
1/8" = 1'-0"



INFECTION CONTROL RISK ASSESSMENT (ICRA) LEGEND	
	LIMITS OF CONSTRUCTION
	1 HOUR FIRE-RATED ICRA / CONSTRUCTION BARRIER LOCATION, AND DOOR, WHERE SHOWN
	TEMPORARY NON-RATED (PLASTIC SHEETING) CONSTRUCTION BARRIER LOCATION, WHERE APPROVED BY THE VA FOR USE IN RISK-TYPE B. UPGRADE TO 1 HOUR RATED PARTITION WHEN DIRECTED BY THE VA

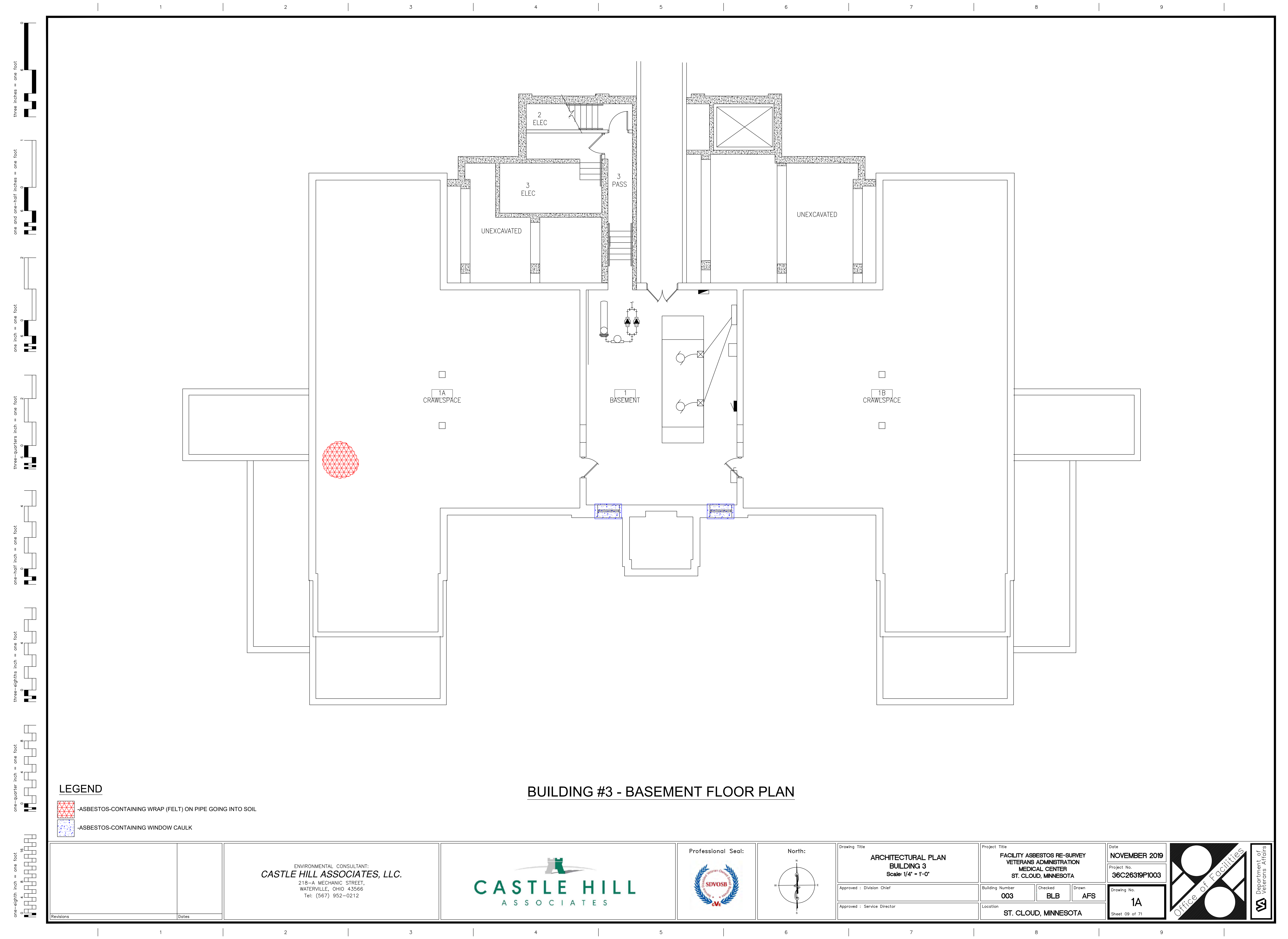
CONSULTANT

STAMP

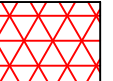

**SECOND FLOOR INFECTION
CONTROL & PHASING PLAN**

VA

**U.S. Department
of Veterans Affairs**
Veterans Health
Administration
St. Cloud VA
Health Care System

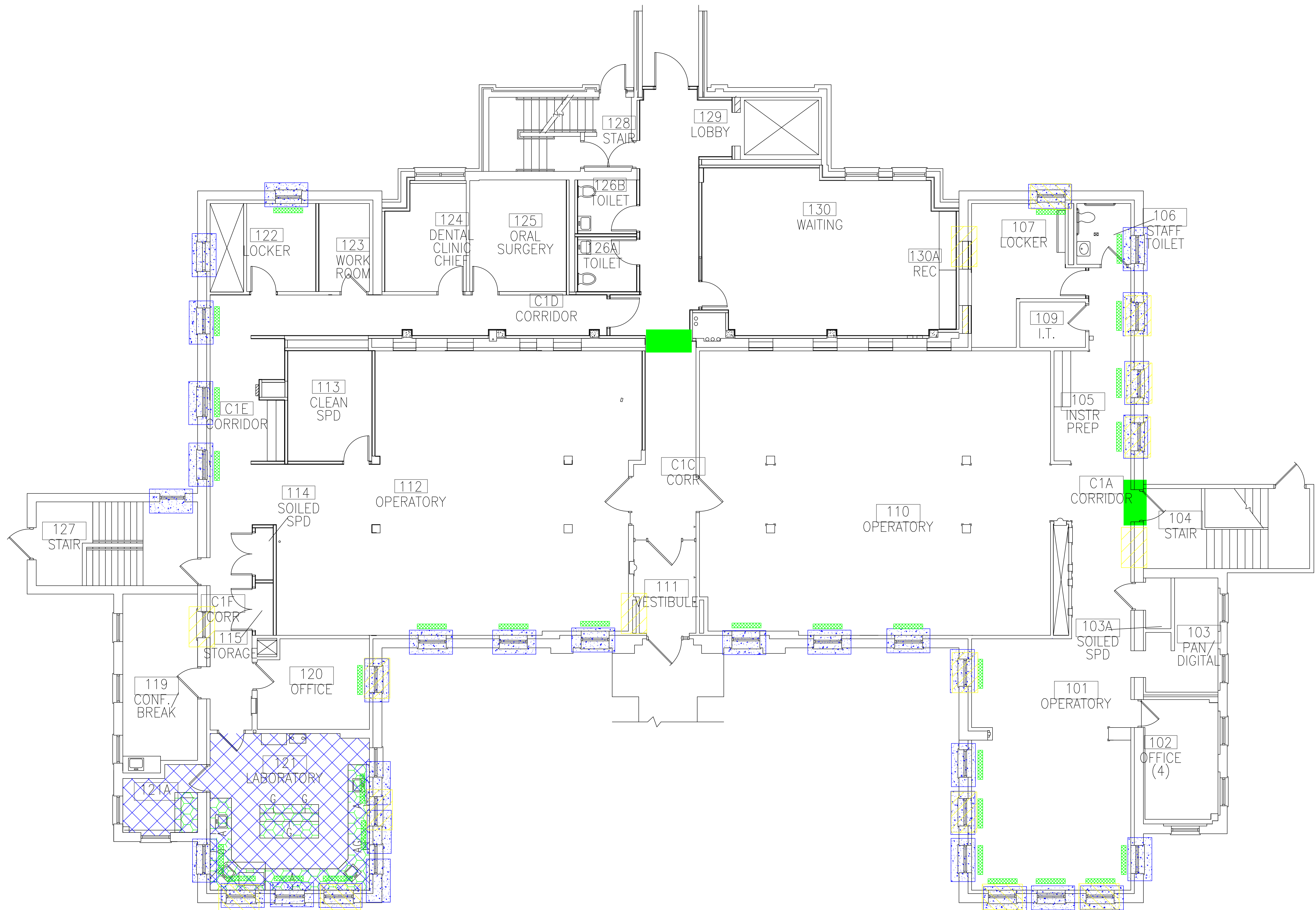


LEGEND

-  -ASBESTOS-CONTAINING WRAP (FELT) ON PIPE GOING INTO SOIL
-  -ASBESTOS-CONTAINING WINDOW CAULK

BUILDING #3 - BASEMENT FLOOR PLAN

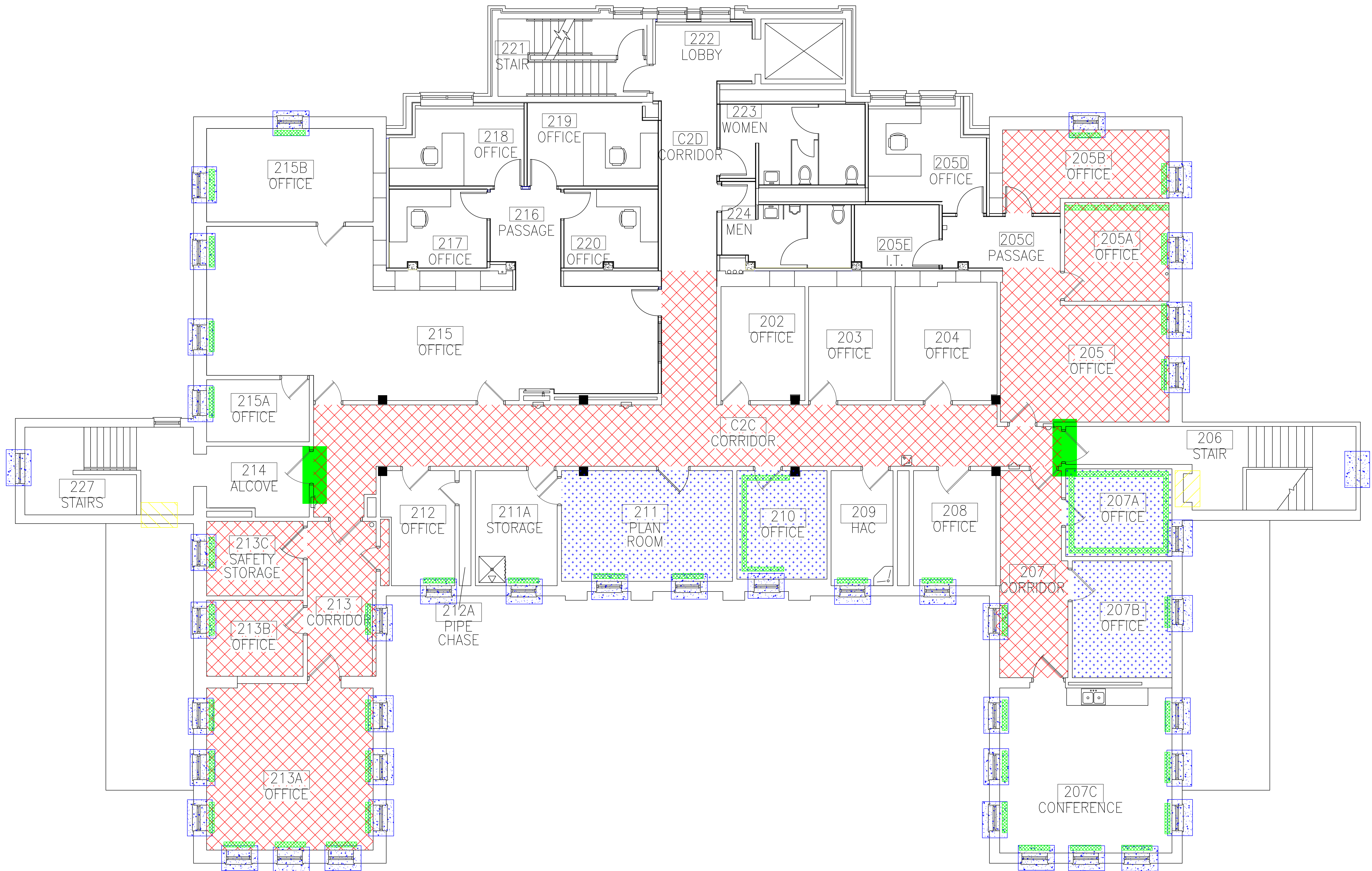
<div>Revisions</div> <div>Dates</div>		<div>ENVIRONMENTAL CONSULTANT: CASTLE HILL ASSOCIATES, LLC. 218-A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952-0212</div>	<div> CASTLE HILL ASSOCIATES</div>	<div>Professional Seal: </div>	<div>North: </div>	<div>Drawing Title ARCHITECTURAL PLAN BUILDING 3 Scale: 1/4" = 1'-0"</div> <div>Approved : Division Chief</div> <div>Approved : Service Director</div>	<div>Project Title FACILITY ASBESTOS RE-SURVEY VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA</div> <div>Building Number 003</div> <div>Location ST. CLOUD, MINNESOTA</div>	<div>Checked BLB</div> <div>Drawn AFS</div>	<div>Date NOVEMBER 2019</div> <div>Project No. 36C26319P1003</div> <div>Drawing No. 1A</div> <div>Sheet 09 of 71</div>	<div> Office of Facilities</div> <div> Department of Veterans Affairs</div>
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BUILDING #3 - FIRST FLOOR PLAN

- LEGEND**
- ASBESTOS-CONTAINING COUNTERTOP
 - ASBESTOS-CONTAINING INSULATION INSIDE CONVECTORS
 - ASBESTOS-CONTAINING FIRE DOOR
 - ASBESTOS-CONTAINING TILE AND MASTIC
 - ASBESTOS-CONTAINING WALL MASTIC
 - ASBESTOS-CONTAINING WINDOW CAULK

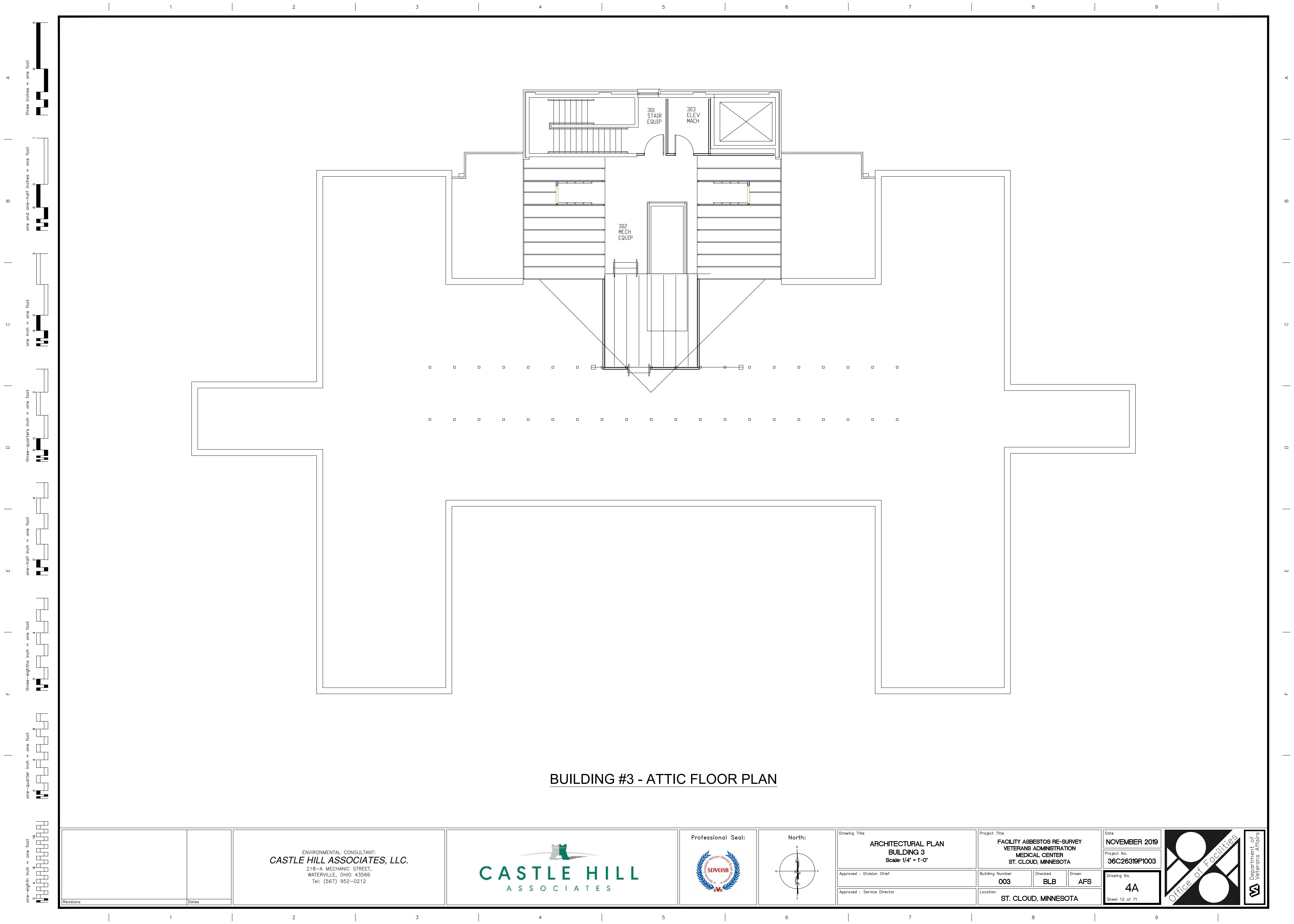
Revisions	Dates	ENVIRONMENTAL CONSULTANT: CASTLE HILL ASSOCIATES, LLC. 218-A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952-0212		Professional Seal: 	North: 	Drawing Title ARCHITECTURAL PLAN BUILDING 3 Scale: 1/4" = 1'-0"	Project Title FACILITY ASBESTOS RE-SURVEY VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA	Date NOVEMBER 2019		Department of Veterans Affairs
						Approved: Division Chief	Building Number 003	Checked BLB		
						Approved: Service Director	Location ST. CLOUD, MINNESOTA		Sheet 10 of 71	



BUILDING #3 - SECOND FLOOR PLAN

- LEGEND**
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC BENEATH CARPET
 - ASBESTOS-CONTAINING MASTIC BENEATH CARPET
 - ASBESTOS-CONTAINING FIRE DOOR
 - ASBESTOS-CONTAINING INSULATION INSIDE CONVECTORS
 - ASBESTOS-CONTAINING WALL MASTIC
 - ASBESTOS-CONTAINING WINDOW CAULK

Revisions	Dates	ENVIRONMENTAL CONSULTANT: CASTLE HILL ASSOCIATES, LLC. 218-A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952-0212		Professional Seal: 	North: 	Drawing Title ARCHITECTURAL PLAN BUILDING 3 Scale: 1/4" = 1'-0"	Project Title FACILITY ASBESTOS RE-SURVEY VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA	Date NOVEMBER 2019		Department of Veterans Affairs
						Approved : Division Chief	Building Number 003	Checked BLB		
						Approved : Service Director	Location ST. CLOUD, MINNESOTA		Sheet 11 of 71	



BUILDING #3 - ATTIC FLOOR PLAN

<div>Revisions</div> <div>Dates</div>		<div>ENVIRONMENTAL CONSULTANT: CASTLE HILL ASSOCIATES, LLC. 218-A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952-0212</div>	<div> CASTLE HILL ASSOCIATES</div>	<div>Professional Seal: </div>	<div>North: </div>	<div>Drawing Title ARCHITECTURAL PLAN BUILDING 3 Scale: 1/4" = 1'-0"</div> <div>Approved : Division Chief</div> <div>Approved : Service Director</div>	<div>Project Title FACILITY ASBESTOS RE-SURVEY VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA</div> <div>Building Number 003</div> <div>Location ST. CLOUD, MINNESOTA</div>	<div>Checked BLB</div> <div>Drawn AFS</div>	<div>Date NOVEMBER 2019</div> <div>Project No. 36C26319P1003</div> <div>Drawing No. 4A</div> <div>Sheet 12 of 71</div>	<div> Office of Facilities</div> <div> Department of Veterans Affairs</div>
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DEMOLITION PLAN KEYED NOTES

DE1 PREPARE WALL FOR PLYWOOD BACKBOARD INSTALLATION AND EHRM REQUIREMENTS. SEE FLOOR PLAN AND TELECOM DRAWINGS

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

FLOOR PLAN KEYED NOTES

FL1 ALL FOUR PERIMETER WALL PARTITIONS APPLY 4" BY 8" AC GRADE 1/2" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD FINISHED WITH HIGH-GLOSS WHITE PAINT OVER TWO COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER / SECURITY / VIDEO / ET CETERA. DO NOT PAINT OVER FIRE RATING STAMP.

FL3 UPGRADE PARTITION TO 1 HOUR FIRE AND SMOKE BARRIER, PROVIDE TESTED HEAD OF PARTITION ASSEMBLY WITH MATERIALS THAT RESIST THE PASSAGE OF SMOKE. SEAL JOINT AT HEAD AND ALL PENETRATIONS WITH FIRE CAULK.

FL20 TELECOM EQUIPMENT. SEE TELECOM DRAWINGS.

FL22 LEAK PREVENTION BARRIER WATERPROOFING DETAIL AT EXISTING PARTITION. SEE AS601.

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

REFLECTED CEILING PLAN KEYED NOTES

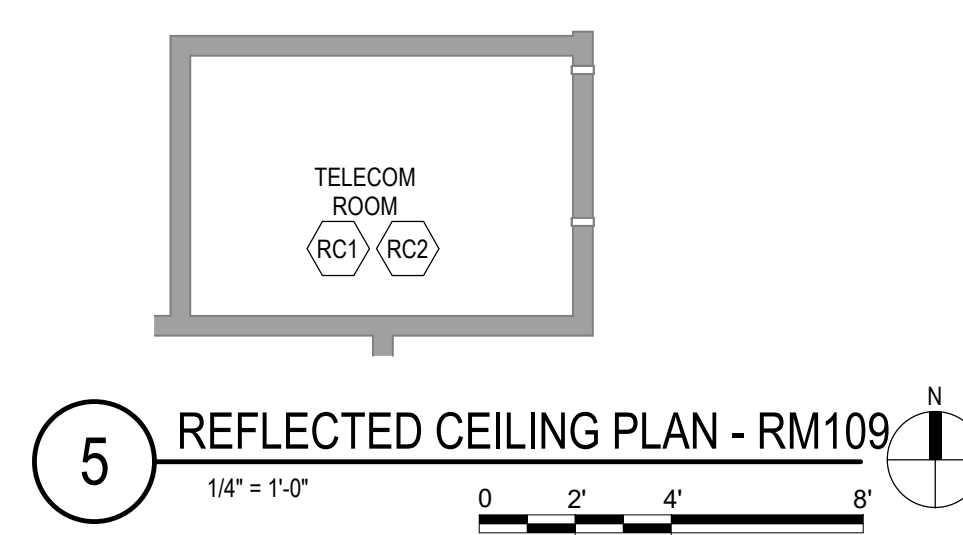
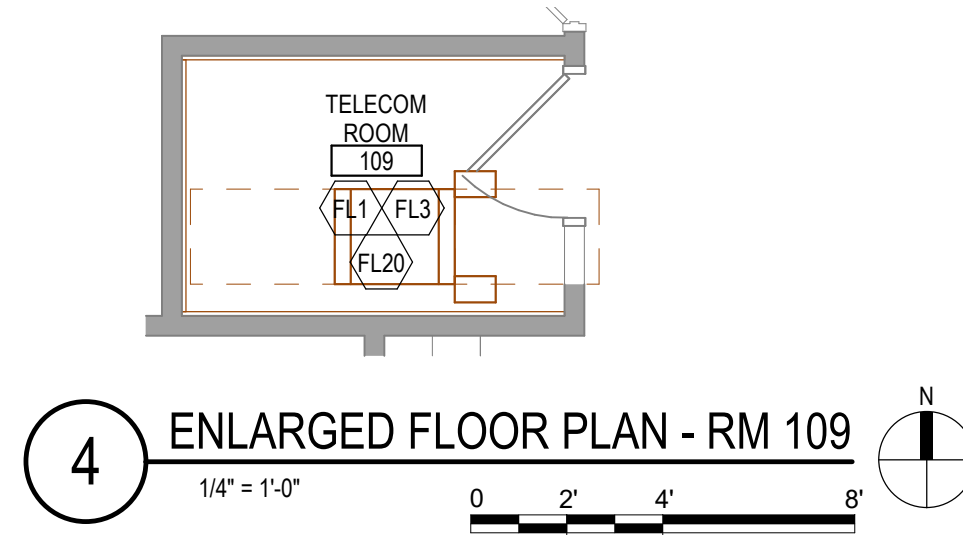
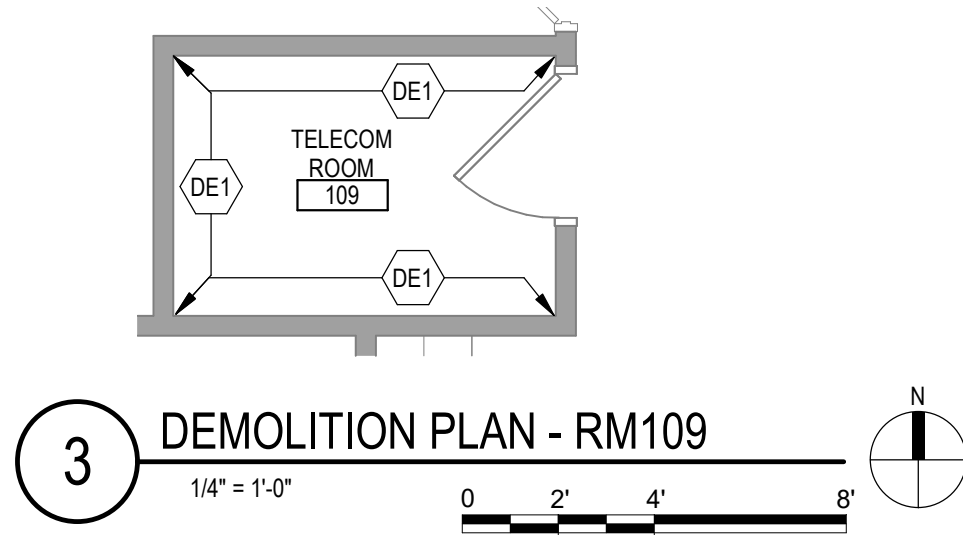
RC1 LED LIGHTING. SEE ELECTRICAL. IN FRONT OF AND BEHIND CABINET ROWS PROVIDE 500 LUMENS IN HORIZONTAL AND 200 LUMENS IN THE VERTICAL AT 3 FT AFF. OPERATED BY MOTION SENSOR PER CABINET ROW OR SECTION.

RC2 OPEN TO STRUCTURAL FLOOR ABOVE

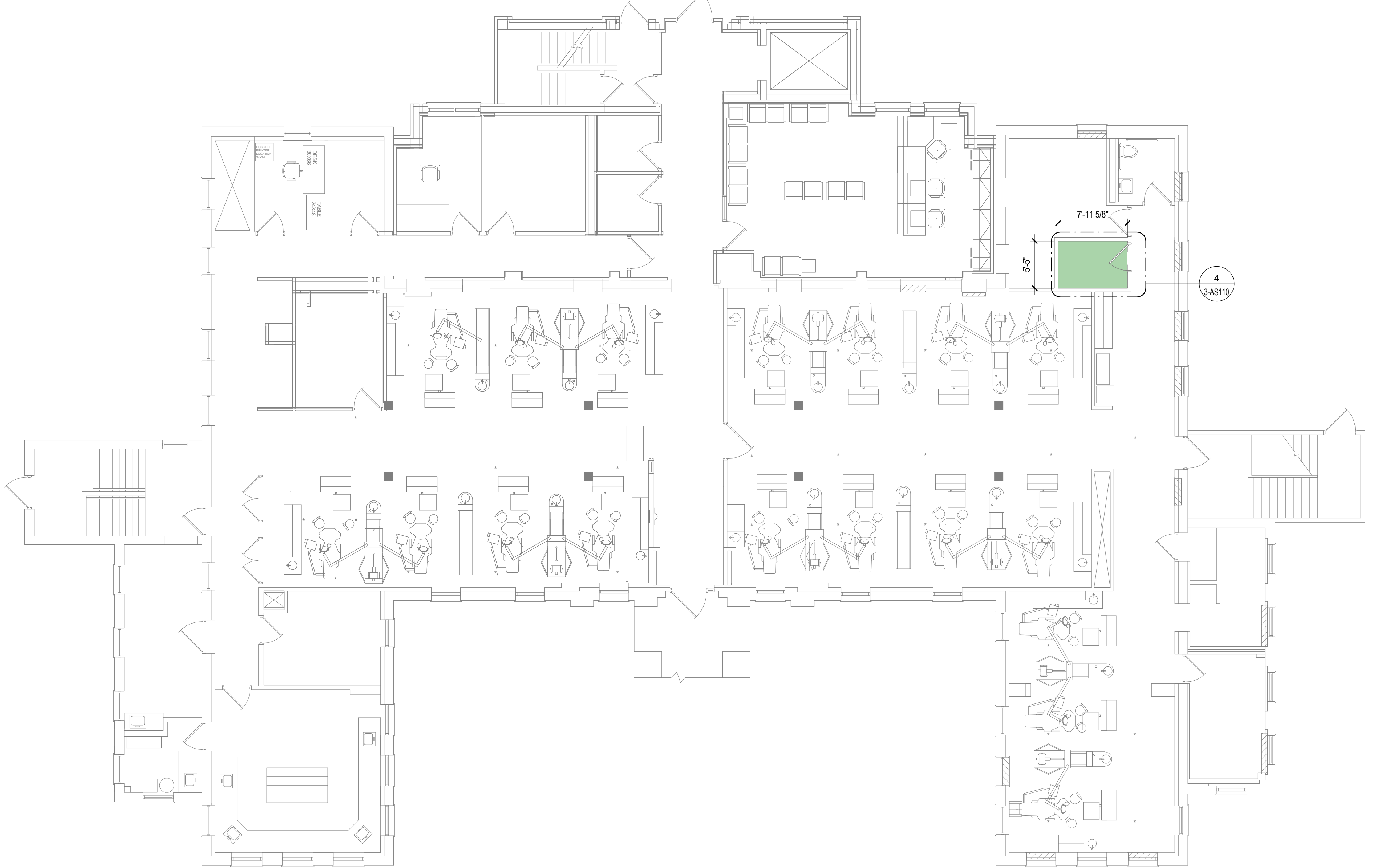
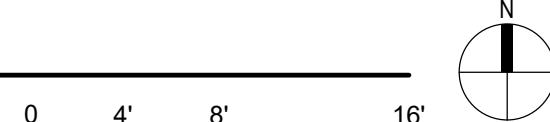
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

SHEET NOTES

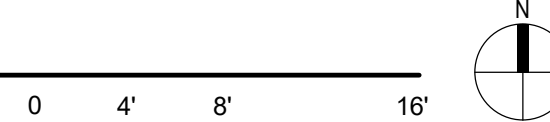
- SEE GENERAL NOTES AND CAMPUS DRAWINGS FOR GENERAL INFORMATION, LIFE SAFETY, ICRA, AND PHASING
- ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO DEMOLITION OR CONSTRUCTION. EXISTING CONDITIONS THAT DIFFER FROM THOSE SHOWN MUST BE BROUGHT TO THE ATTENTION OF THE C.O.R. TO INFORM THE ARCHITECTS AND ENGINEERS.
- THE INFORMATION SHOWN ON THE DRAWINGS IS BASED ON DRAWINGS AND PHOTOGRAPHS PROVIDED BY THE C.O.R. COMBINED WITH OBSERVATIONS AND SURVEYED DATA FROM THE ARCHITECTS AND ENGINEERS.
- SEE CIVIL, STRUCTURAL, TELECOM, ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DEMOLITION AND CONSTRUCTION REQUIREMENTS.
- PORTABLE FIRE EXTINGUISHERS (CO2 OR HALOGENATED TYPE AS DETERMINED BY VA) WITH WALL MOUNT BRACKET AND CODE REQUIRED SIGNAGE SHALL BE PROVIDED BY THE CONTRACTOR WITHIN TELECOM ROOMS.



1 BASEMENT FLOOR - OVERALL PLAN
1/8" = 1'-0"



2 FIRST FLOOR - OVERALL PLAN
1/8" = 1'-0"



4/22/2022 7:50:01 AM

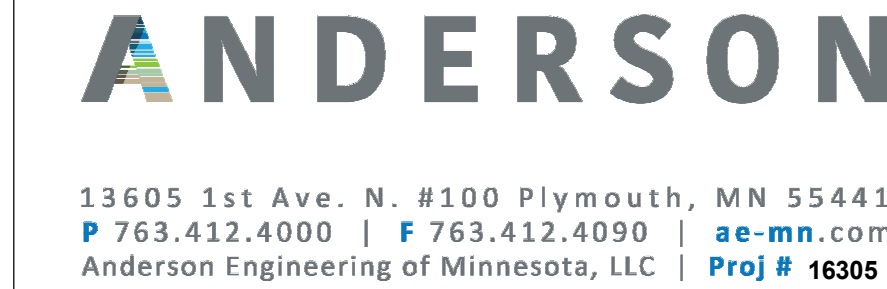
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No	REVISION	DATE

CONSULTANT



ARCHITECT/ENGINEER OF RECORD



STAMP

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.
Name: *Tom Olezak*
Typed or Printed Name: Tom Olezak
Date: 03/30/2022 License Number: MN# 18157

DRAWING TITLE
BASEMENT AND FIRST FLOOR
PLANS

PROJECT FILE
EHRM INFRASTRUCTURE
UPGRADES

DATE
03/30/2022
PLOT SCALE
656-21-235

BUILDING NO.
3
CHECKED BY
EM
DRAWN
EM
LOCATION
VA MEDICAL CENTER
ST. CLOUD, MN 56303

DRAWING NO.
3-AS110
FULLY
SPRINKLERED
DWS. OF



U.S. Department
of Veterans Affairs
Veterans Health
Administration
St. Cloud VA
Health Care System

DEMOLITION PLAN KEYED NOTES

DE1 PREPARE WALL FOR PLYWOOD BACKBOARD INSTALLATION AND EHRM REQUIREMENTS. SEE FLOOR PLAN AND TELECOM DRAWINGS

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

FLOOR PLAN KEYED NOTES

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FL20 TELECOM EQUIPMENT. SEE TELECOM DRAWINGS.

FL22 LEAK PREVENTION BARRIER WATERPROOFING DETAIL AT EXISTING PARTITION. SEE AS601.

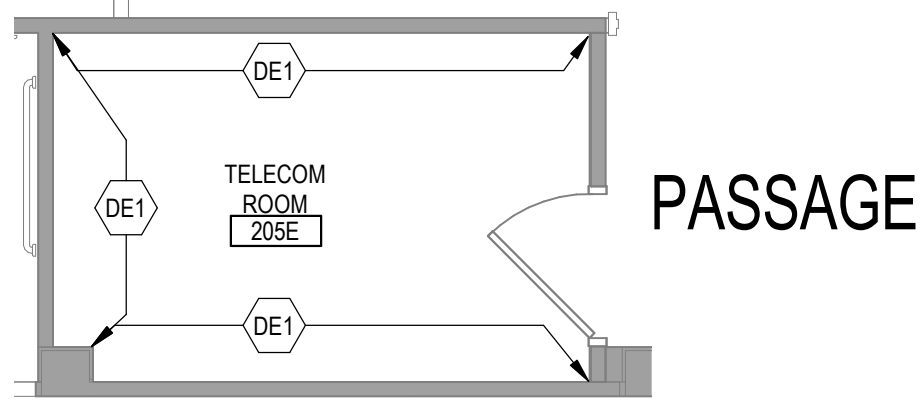
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

REFLECTED CEILING PLAN KEYED NOTES

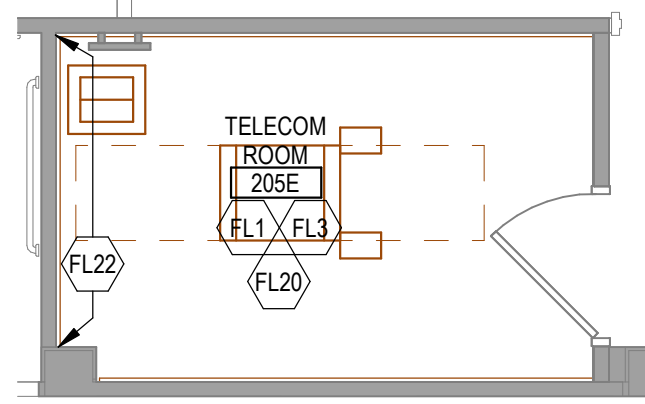
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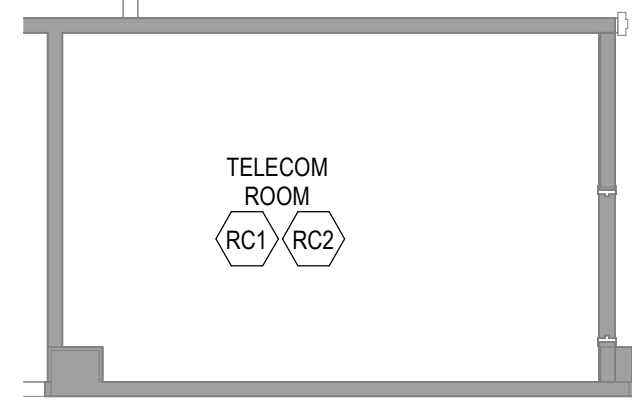
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN



3 DEMOLITION PLAN - RM 205E
1/4" = 1'-0"



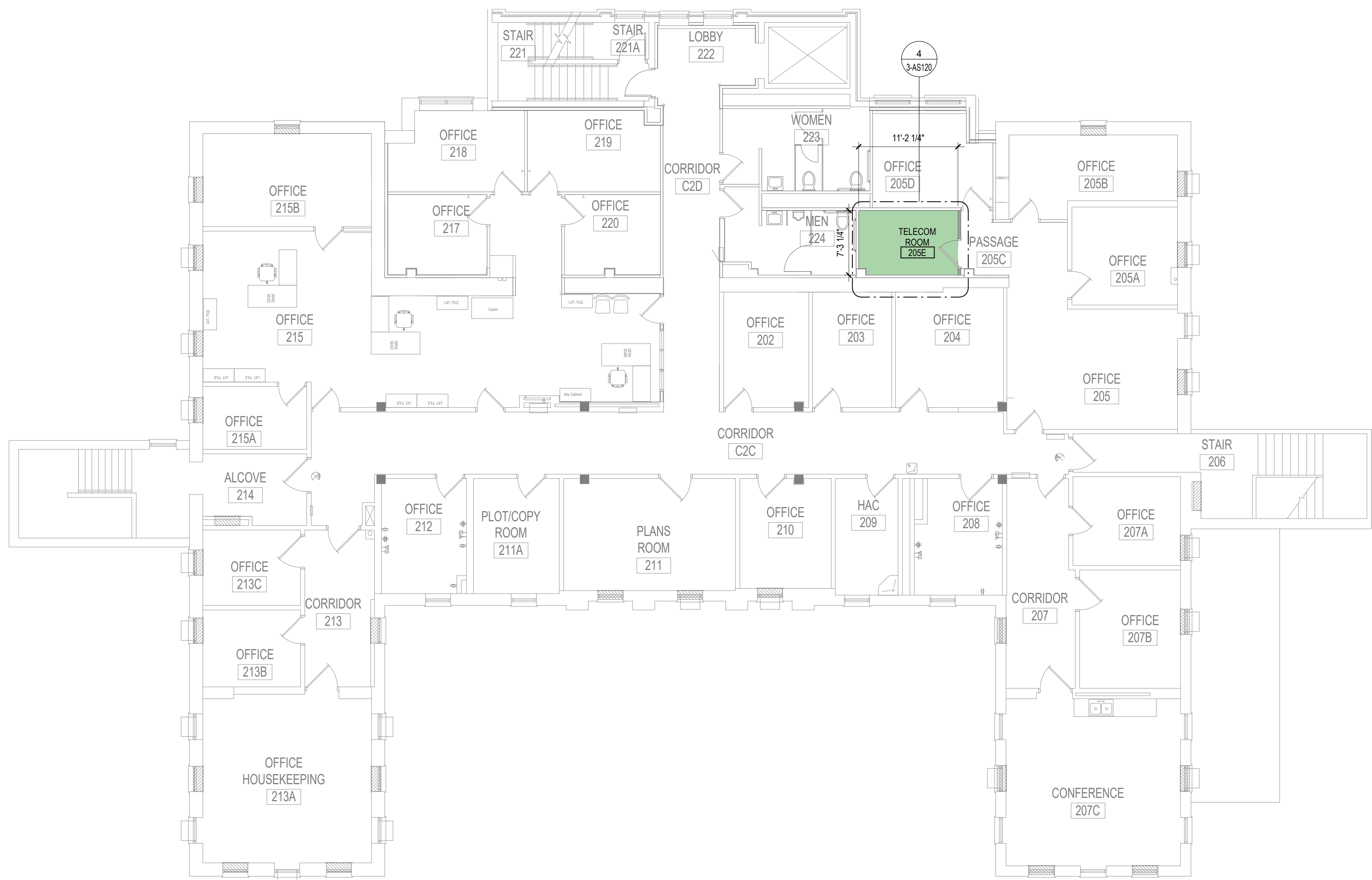
4 ENLARGED FLOOR PLAN - RM 205E
1/4" = 1'-0"



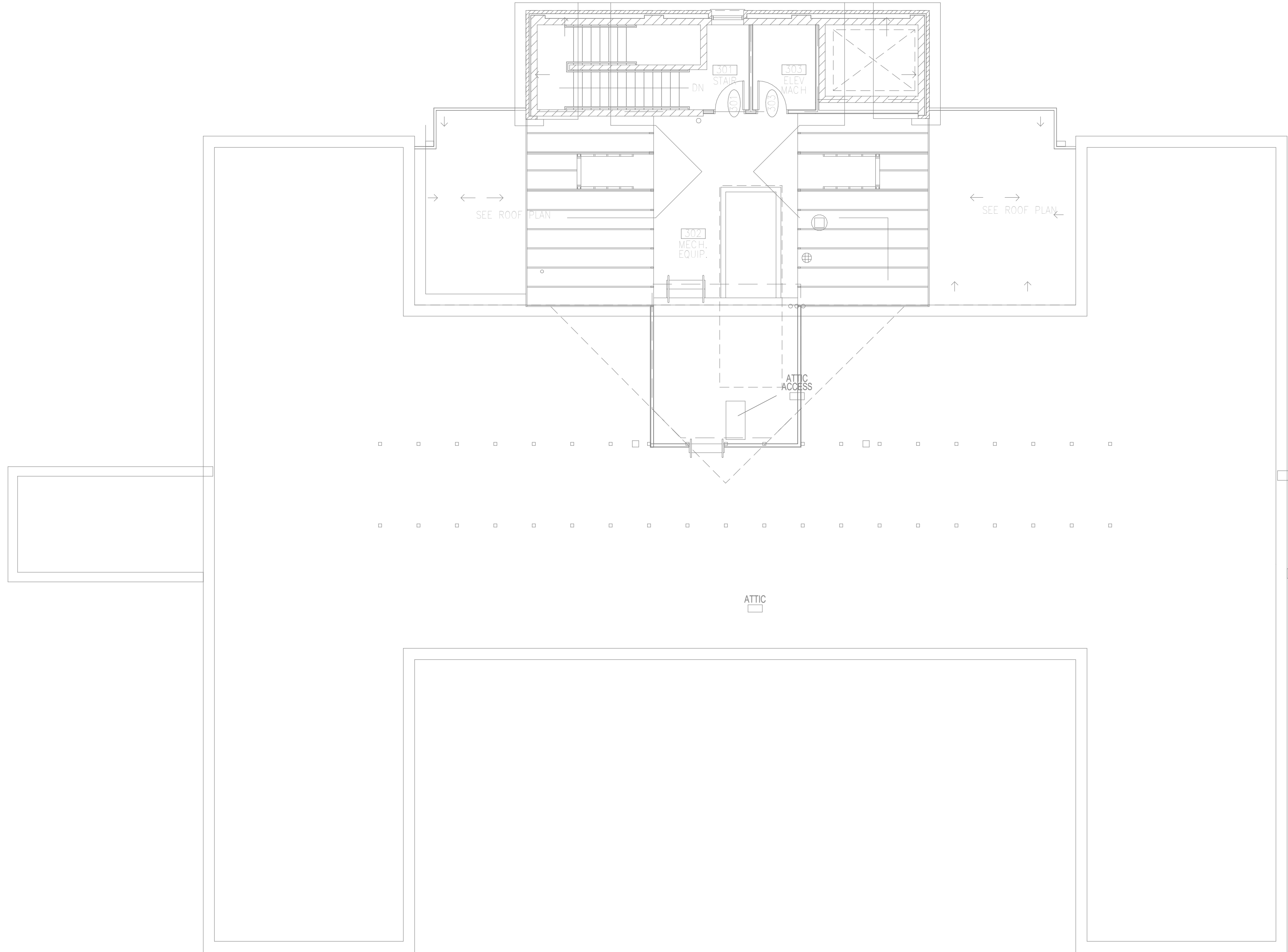
5 REFLECTED CEILING PLAN - RM 205E
1/4" = 1'-0"

SHEET NOTES

- SEE GENERAL NOTES AND CAMPUS DRAWINGS FOR GENERAL INFORMATION, LIFE SAFETY, ICRA, AND PHASING
- ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO DEMOLITION OR CONSTRUCTION. EXISTING CONDITIONS THAT DIFFER FROM THOSE SHOWN MUST BE BROUGHT TO THE ATTENTION OF THE C.O.R. TO INFORM THE ARCHITECTS AND ENGINEERS.
- THE INFORMATION SHOWN ON THE DRAWINGS IS BASED ON DRAWINGS AND PHOTOGRAPHS PROVIDED BY THE C.O.R. COMBINED WITH OBSERVATIONS AND SURVEYED DATA FROM THE ARCHITECTS AND ENGINEERS.
- SEE CIVIL, STRUCTURAL, TELECOM, ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DEMOLITION AND CONSTRUCTION REQUIREMENTS.
- PORTABLE FIRE EXTINGUISHERS (CO2 OR HALOGENATED TYPE AS DETERMINED BY VA) WITH WALL MOUNT BRACKET AND CODE REQUIRED SIGNAGE SHALL BE PROVIDED BY THE CONTRACTOR WITHIN TELECOM ROOMS.



1 SECOND FLOOR - OVERALL PLAN
1/8" = 1'-0"



2 ATTIC FLOOR - OVERALL PLAN
1/8" = 1'-0"

4/22/2022 7:50:05 AM

C:\Users\Public\Documents\Revit Projects\16305-3-AS121 - Enkarkort.rvt

No	REVISION	DATE

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STAMP

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.
Name: *Tom Olesak*
Typed or Printed Name: Tom Olesak
Date: 03/30/2022 License Number: MN# 18157

DRAWING TITLE

SECOND FLOOR AND ATTIC PLANS

PROJECT TITLE

EHRM INFRASTRUCTURE UPGRADES

BUILDING No

3

CHECKED BY

EM

LOCATION

VA MEDICAL CENTER ST CLOUD, MN 56303

DATE

03/30/2022

PLOT SCALE

656-21-235

DRAWING NO

3-AS120

LOCATION

VA MEDICAL CENTER ST CLOUD, MN 56303



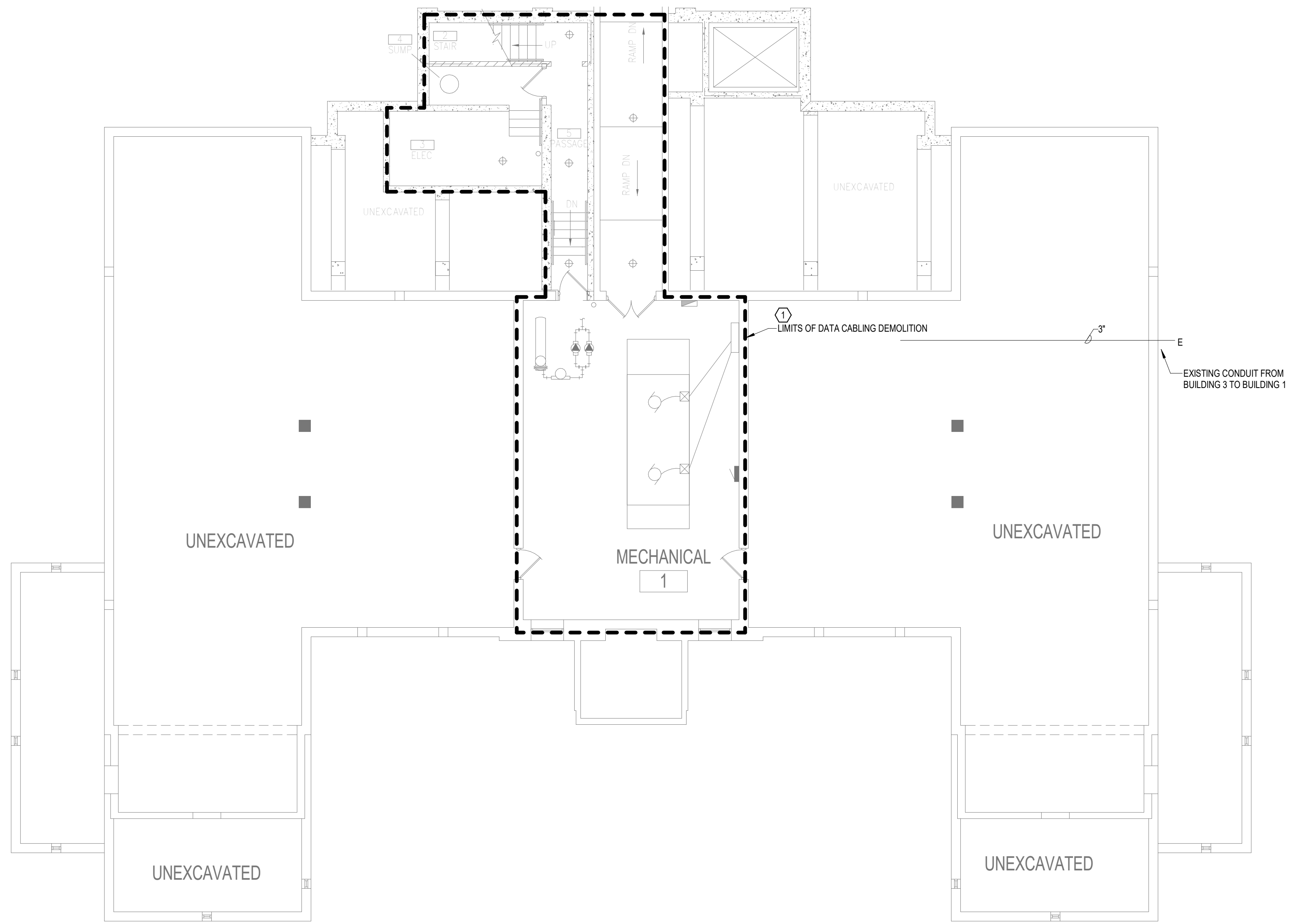
U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

GENERAL NOTES:
A. REFER TO GENERAL DEMOLITION NOTES ON SHEET 1000 FOR ADDITIONAL DEMOLITION SCOPE.

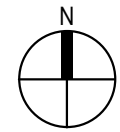
SHEET NOTES:
1. REMOVE AND REPLACE EXISTING DATA CABLE. REMOVE ALL EXISTING DATA CABLES AND JACKS THROUGHOUT THIS AREA. REPLACE CABLES AND JACKS 1 FOR 1, AS REQUIRED BY THE NEW WORK PLANS. REFER TO NEW WORK PLANS FOR SERVING COMMUNICATIONS ROOM LOCATION AND NEW CABLING ROUTES.

BIM 360/21102.001 - VA St Cloud EHRM Infrastructure Upgrades 656-235 B03.T_R21.rvt 5/11/2022 3:09:23 PM

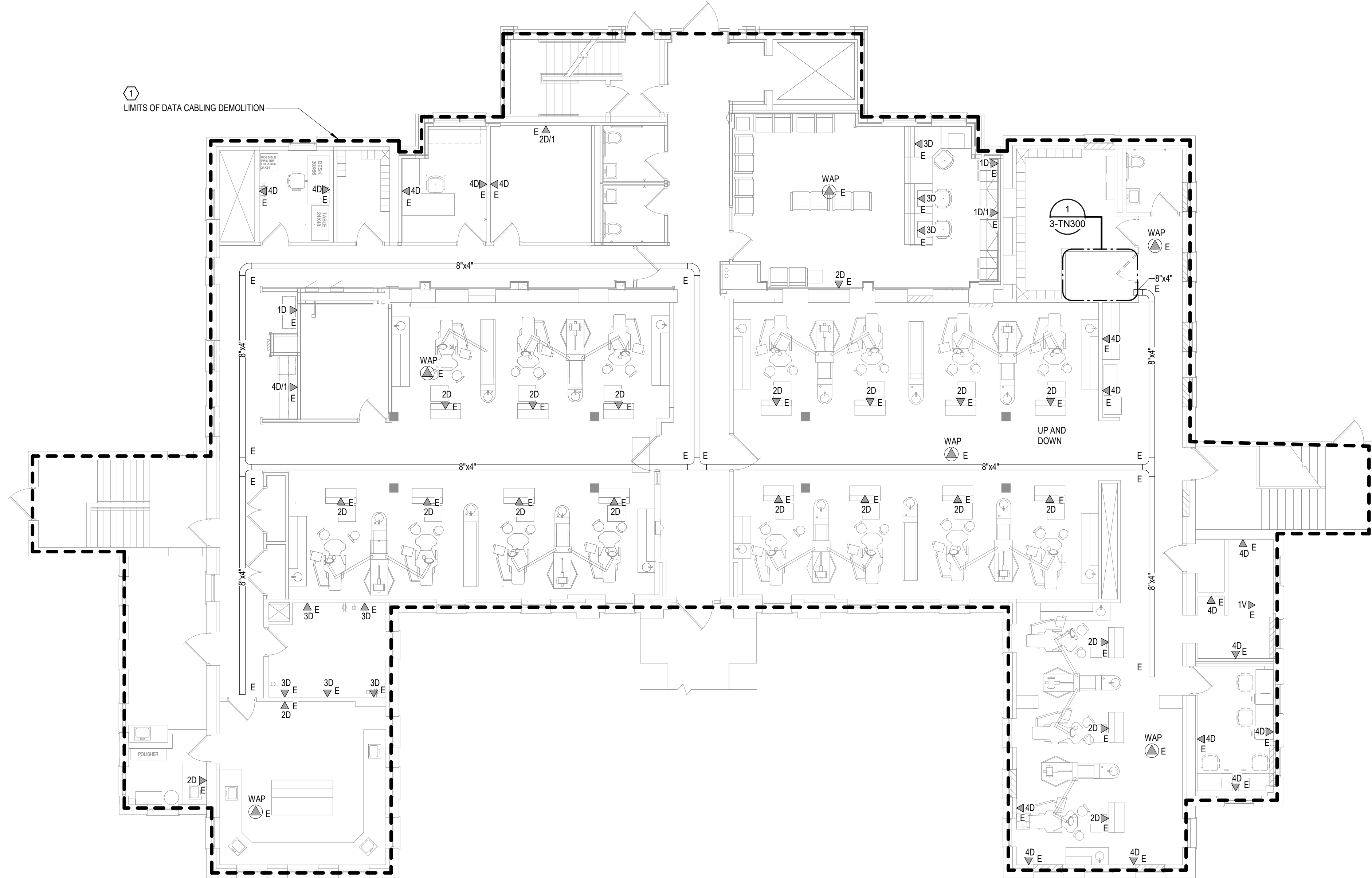
1 BASEMENT FLOOR PLAN - TELECOM - DEMOLITION
1/8" = 1'-0"



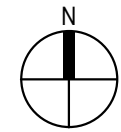
0 4' 8' 16'



2 FIRST LEVEL FLOOR PLAN - TELECOM - DEMOLITION
1/8" = 1'-0"



0 4' 8' 16'



No.	REVISION	DATE

CONSULTANT

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Omaha, NE 68134

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www.specializedeng.com

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Anderson Engineering of Minnesota, LLC | Proj # 16305

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Bicsi
Nathan Timm
BICS1 ID # 346555
EXPIRES 12-31-24

DRAWING TITLE
**BASEMENT & FIRST FLOOR
PLANS - TELECOM -
DEMOLITION**

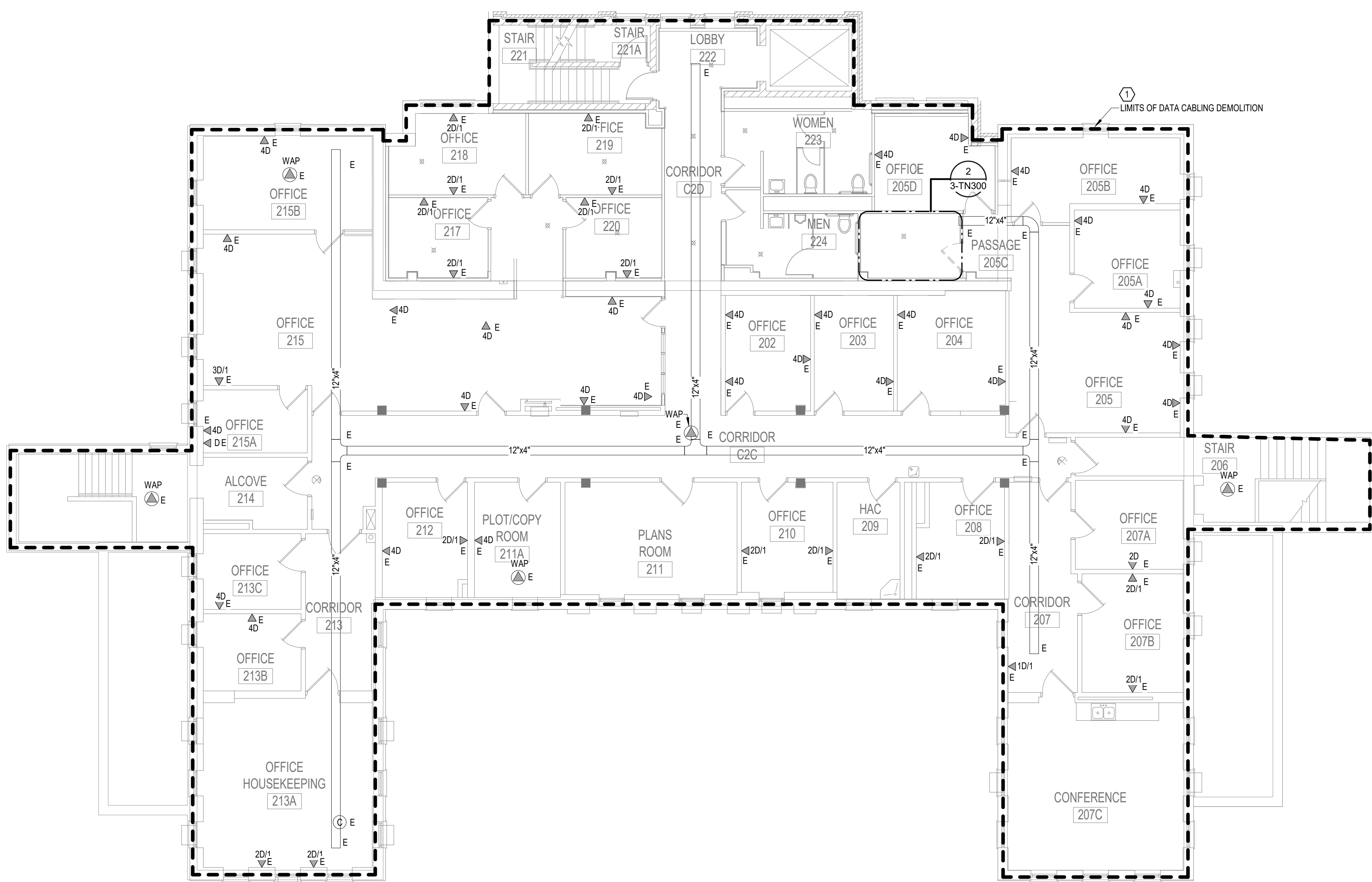
PROJECT FILE EHRM INFRASTRUCTURE UPGRADES	DATE 03/30/2022
BUILDING No 3	CHECKED BY KSB
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWN SSK
PROJECT NO 656-21-235	DRAWING NO. 3-TD100
FULLY SPRINKLERED	DWG. OF

VA

**U.S. Department
of Veterans Affairs**
Veterans Health
Administration
St. Cloud VA
Health Care System

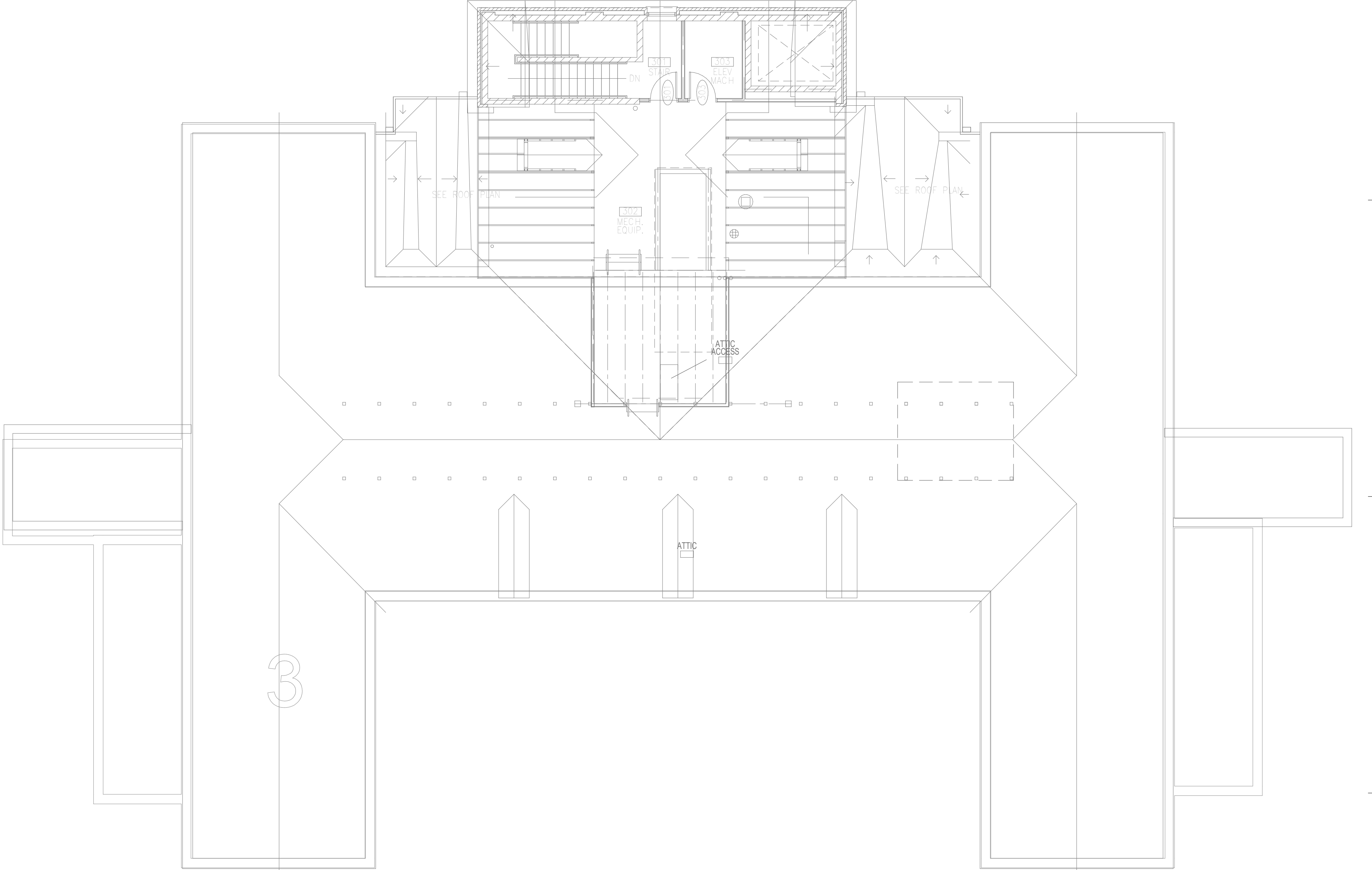
GENERAL NOTES:
A. REFER TO GENERAL DEMOLITION NOTES ON SHEET T000 FOR ADDITIONAL DEMOLITION SCOPE.

SHEET NOTES:
1. REMOVE AND REPLACE EXISTING DATA CABLE: REMOVE ALL EXISTING DATA CABLES AND JACKS THROUGHOUT THIS AREA. REPLACE CABLES AND JACKS 1 FOR 1, AS REQUIRED BY THE NEW WORK PLANS. REFER TO NEW WORK PLANS FOR SERVING COMMUNICATIONS ROOM LOCATION AND NEW CABLING ROUTES.



1 SECOND FLOOR PLAN - TELECOM - DEMOLITION
1/8" = 1'-0"

0 4' 8' 16'



2 THIRD FLOOR PLAN - TELECOM - DEMOLITION
1/8" = 1'-0"

0 4' 8' 16'

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No	REVISION	DATE

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Nathan Timm
BICS I ID # 346555
Expires 12-31-24
Nathan M. Timm

DRAWING TITLE

**SECOND & THIRD FLOOR
PLANS - TELECOM -
DEMOLITION**

PROJECT TITLE

**EHRM INFRASTRUCTURE
UPGRADES**

DATE: 03/30/2022
PLOT SCALE:
PROJECT NO: 656-21-235
DRAWING NO: 3-TD120

BUILDING No: 3
CHECKED BY: KSB
DRAWN: SSK
FULLY SPRINKLERED

LOCATION: VA MEDICAL CENTER
ST. CLOUD, MN 56303

DWG. OF

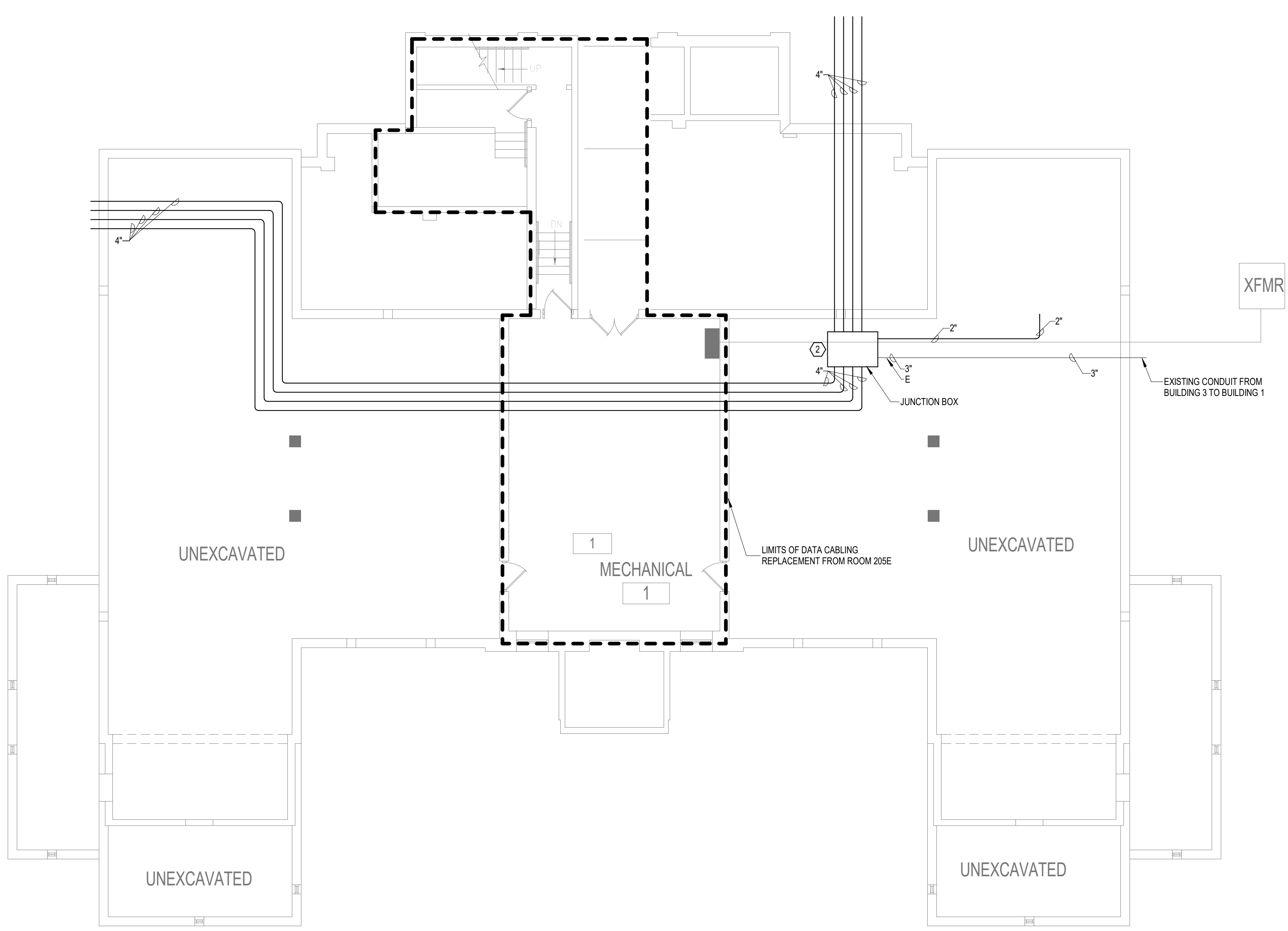
VA

**U.S. Department
of Veterans Affairs**
Veterans Health
Administration
St. Cloud VA
Health Care System

GENERAL NOTES:
A. REFER TO GENERAL NOTES ON SHEET T000 FOR ADDITIONAL SCOPE.

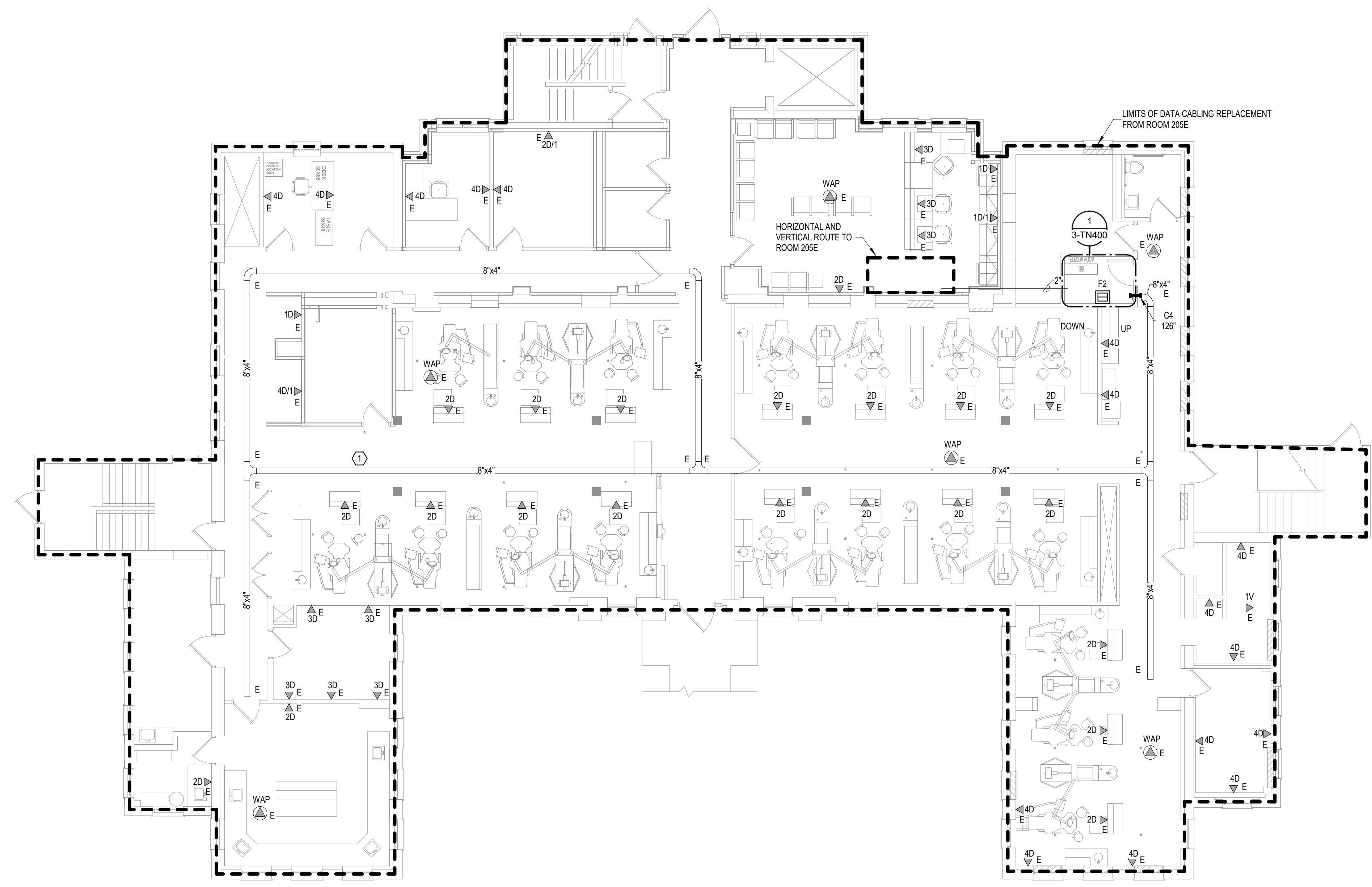
SHEET NOTES:

1. CONTRACTOR TO PROVIDE NEW WIRE BASKET, AS NEEDED, TO MAINTAIN A 50% OR LESS FILL OF THE CABLE TRAY SYSTEM FOR THE FLOOR. THE NEW WIRE BASKET WILL MATCH THE SIZE AND DISTANCE, EITHER BESIDE OR BELOW THE EXISTING CABLE TRAY, TO MATCH THE EXISTING TELECOM CABLE TRAY.
2. PROVIDE JUNCTION BOX TO CONNECT FIBER CONDUIT ENTRY TO EXTEND CONDUIT PATHWAY TO THE NEW TELECOM ROOM.



1 BASEMENT FLOOR PLAN - TELECOMMUNICATIONS
1/8" = 1'-0"

0 4' 8' 16'



2 FIRST LEVEL FLOOR PLAN - TELECOMMUNICATIONS
1/8" = 1'-0"

0 4' 8' 16'

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BICS1 ID # 346555
EXPIRES 12-31-24

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BASEMENT & FIRST FLOOR PLANS - TELECOMMUNICATIONS

PROJECT FILE

EHRM INFRASTRUCTURE UPGRADES

DATE: 03/30/2022
PLOT SCALE:
PROJECT NO: 656-21-235
DRAWING NO: 3-TN100

BUILDING No: 3
CHECKED BY: KSB
DRAWN: SSK
FULLY SPRINKLERED

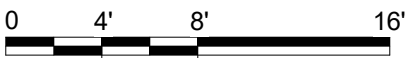
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303

DWG. OF

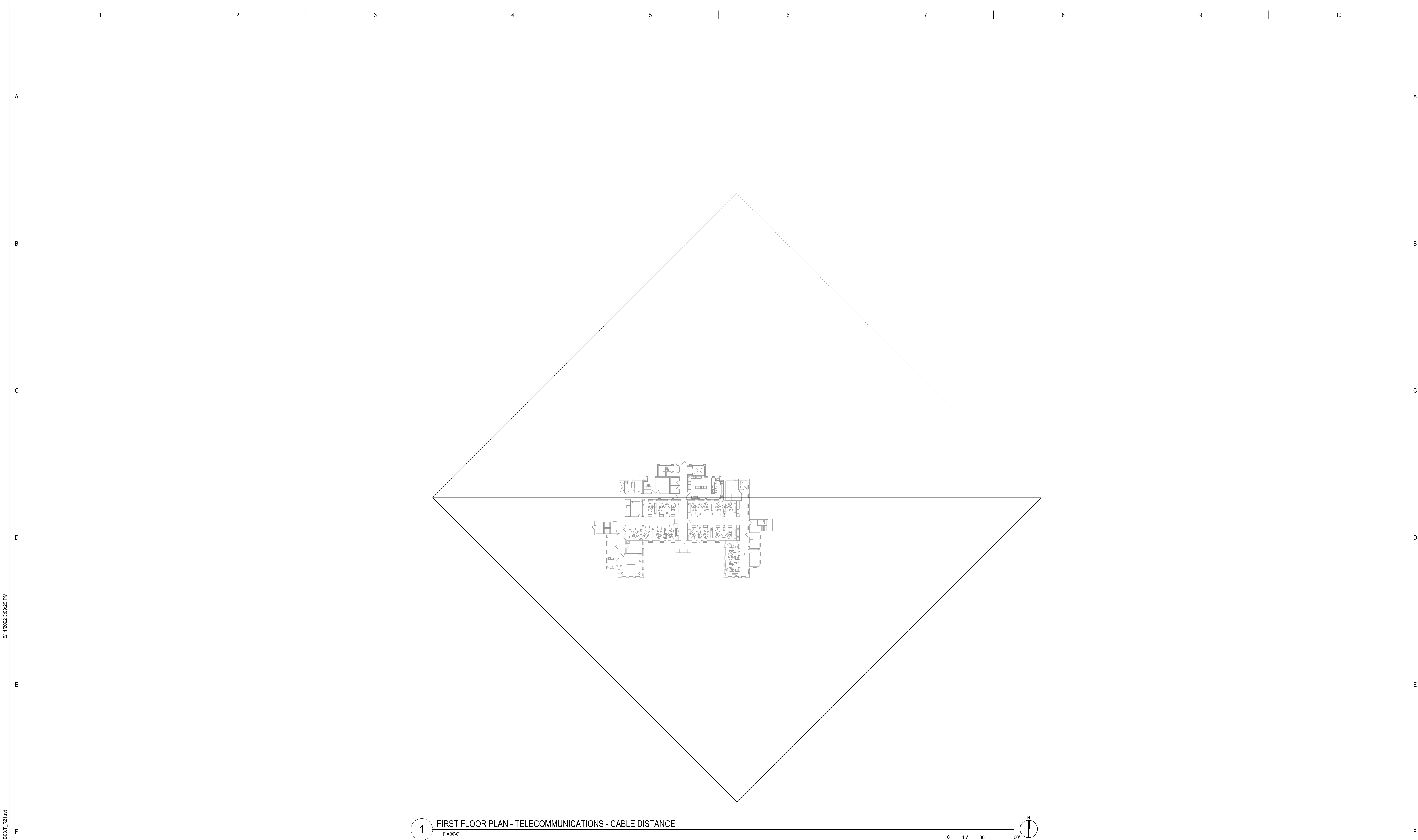
VA

U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

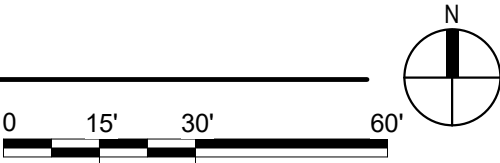
2 THIRD FLOOR PLAN - TELECOMMUNICATIONS
1/8" = 1'-0"



DATE 03/30/2022			U.S. Department of Veterans Affairs Veterans Health Administration <i>St. Cloud VA Health Care System</i>
PLOT SCALE			
PROJECT NO. 656-21-235			
ISSUING NO. 3-TN120			
DWG. OF			



1 FIRST FLOOR PLAN - TELECOMMUNICATIONS - CABLE DISTANCE
1" = 30'-0"



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BICS ID # 346555

EXPIRES 12-31-24

Signature

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DRAWING TITLE

FIRST FLOOR PLAN -
TELECOM - CABLE DISTANCE

PROJECT TITLE
EHRM INFRASTRUCTURE
UPGRADES

BUILDING NO.
3

CHECKED BY
KSB

DRAWN
SSK

LOCATION
VA MEDICAL CENTER
ST. CLOUD, MN 56303

DATE
03/30/2022

PLOT SCALE

PROJECT NO.
656-21-235

DRAWING NO.
3-TN210

FULLY
SPRINKLERED

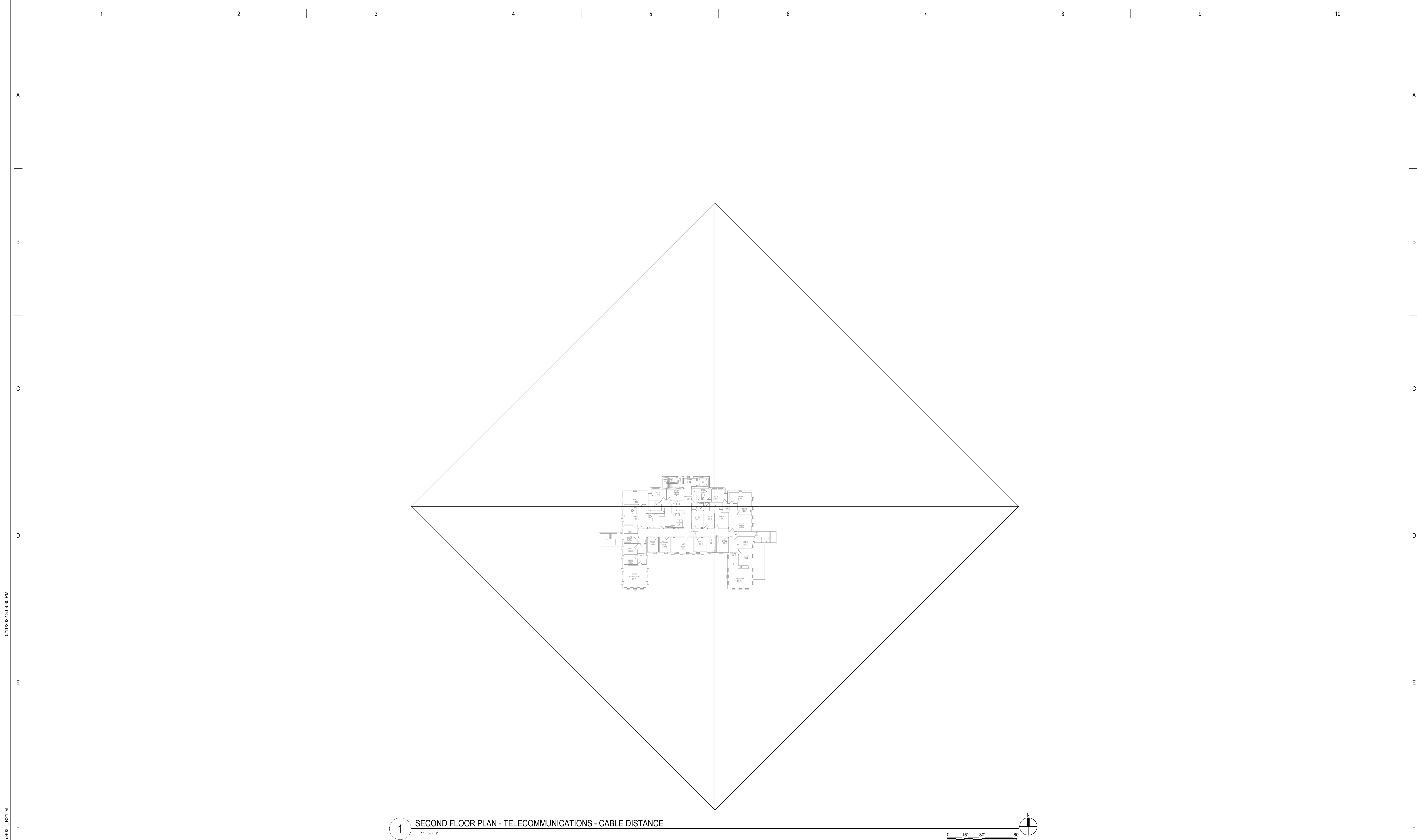
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of Veterans Affairs

Veterans Health
Administration

St. Cloud VA
Health Care System



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Nathan M. Timm

DRAWING TITLE

SECOND FLOOR PLAN -
TELECOM - CABLE DISTANCE

PROJECT TITLE

EHRM INFRASTRUCTURE
UPGRADES

BUILDING NO.
3

CHECKED BY
KSB

DRAWN
SSK

DATE
03/30/2022

PLOT SCALE

PROJECT NO.
656-21-235

DRAWING NO.
3-TN220

LOCATION
VA MEDICAL CENTER
ST. CLOUD, MN 56303

FULLY
SPRINKLERED

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of Veterans Affairs

Veterans Health
Administration

St. Cloud VA
Health Care System

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Nathan Timm

BICS1 ID # 346555

EXPIRES 12-31-24

Signature

Nathan M. Timm

DRAWING TITLE

ENLARGED PLANS -
TELECOMMUNICATIONS -
DEMO

PROJECT TITLE

EHRM INFRASTRUCTURE
UPGRADES

DATE

03/30/2022

PLOT SCALE

PROJECT NO.

656-21-235

DRAWING NO.

3-TN300

BUILDING NO.

3

CHECKED BY

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DRAWN

SSK

LOCATION

VA MEDICAL CENTER
ST. CLOUD, MN 56303

FULLY
SPRINKLERED

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VA

U.S. Department
of Veterans Affairs

Veterans Health
Administration

St. Cloud VA
Health Care System

GENERAL NOTES:

A. REFER TO GENERAL DEMOLITION NOTES ON SHEET T000 FOR ADDITIONAL DEMOLITION SCOPE.

SHEET NOTES:

1. EXISTING TELECOMMUNICATIONS CAGE AND RACK SHALL BE INCLUDED WITHIN THE SCOPE OF DEMOLITION. EXISTING CABLING AND ASSOCIATED OUTLETS SHALL BE REMOVED AND REPLACED 1 FOR 1 AND REFEED FROM DISTRIBUTION EQUIPMENT LOCATED WITHIN THE NEW TELECOMMUNICATIONS ROOM. REFER TO GENERAL CABLING NOTES FOR APPROXIMATE QUANTITIES. REFER TO NEW WORK PLANS FOR SERVING COMMUNICATIONS ROOM LOCATION AND NEW CABLING ROUTES.

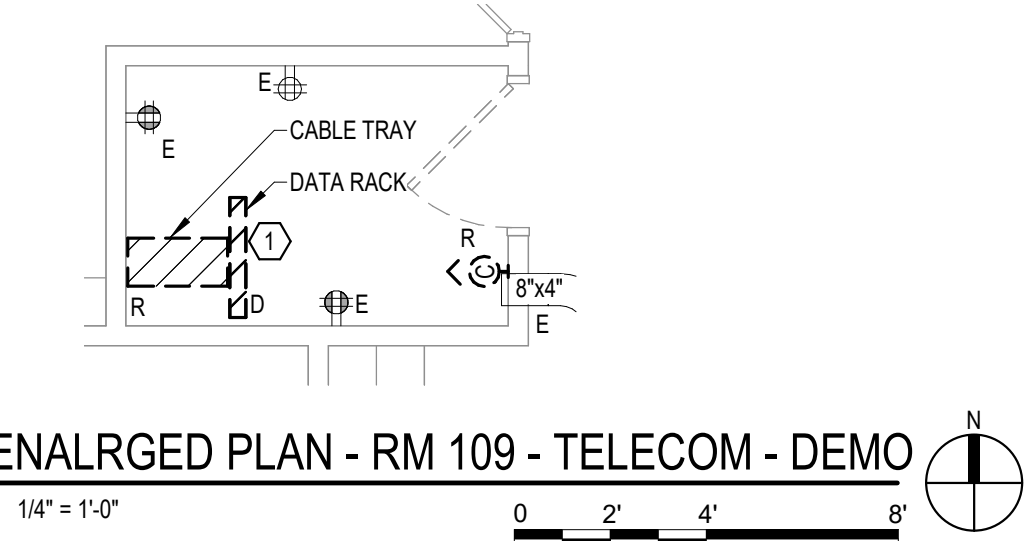
CABLING NOTE:

CABLING NOTES:

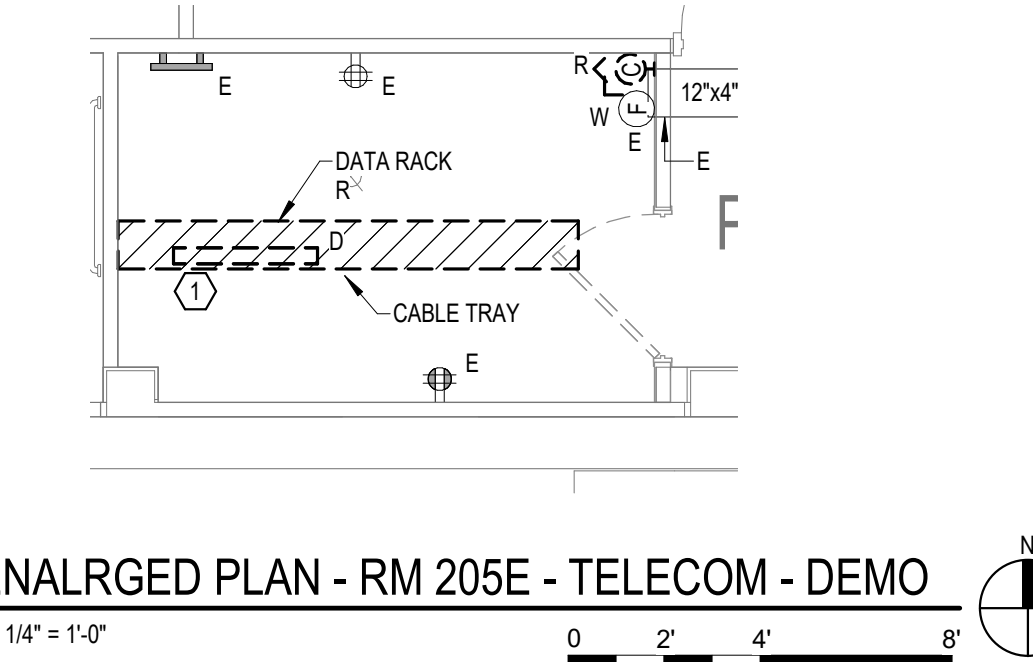
A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.

1. ROOM 109	2. ROOM 205E
EXISTING CABLE COUNT	EXISTING CABLE COUNT
DATA (CAT6): 0	DATA (CAT6): 0
DATA (CAT5e): 185	DATA (CAT5e): 192
DATA (CAT5): 0	DATA (CAT5): 0
DATA (CAT3): 0	DATA (CAT3): 0
CABLE RELOCATION COUNT	CABLE RELOCATION COUNT
DATA (CAT6): 0	DATA (CAT6): 0
DATA (CAT5e): 0	DATA (CAT5e): 0
DATA (CAT5): 0	DATA (CAT5): 0
DATA (CAT3): 0	DATA (CAT3): 0
EXISTING CABLE TO REMAIN	EXISTING CABLE TO REMAIN
DATA (CAT6): 0	DATA (CAT6): 0
DATA (CAT5e): 0	DATA (CAT5e): 0
DATA (CAT5): 0	DATA (CAT5): 0
DATA (CAT3): 0	DATA (CAT3): 0
FINAL CABLE COUNT	FINAL CABLE COUNT
DATA (CAT6): 0	DATA (CAT6): 0
DATA (CAT5e): 0	DATA (CAT5e): 0
DATA (CAT5): 0	DATA (CAT5): 0
DATA (CAT3): 0	DATA (CAT3): 0

1 ENLARGED PLAN - RM 109 - TELECOM - DEMO



2 ENLARGED PLAN - RM 205E - TELECOM - DEMO



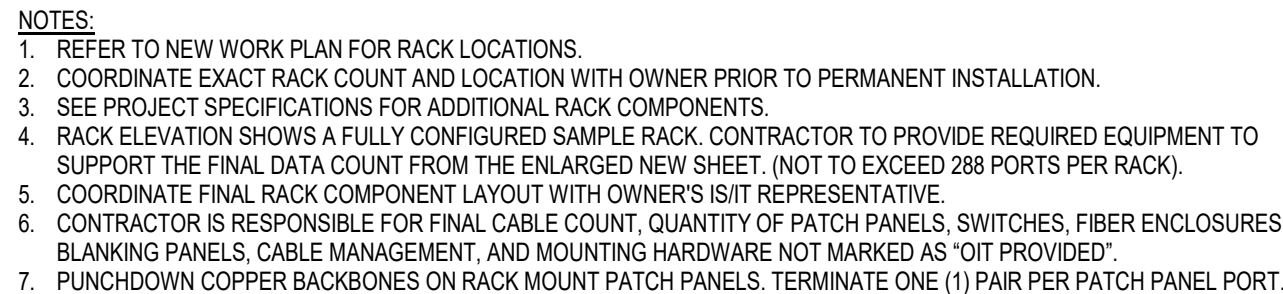
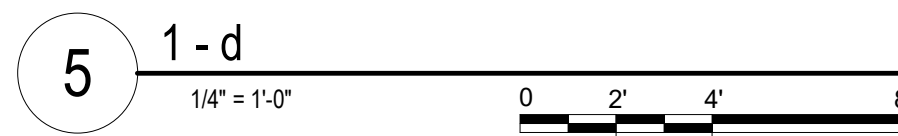
CABLING NOTES:
A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE.
B. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.

1. ROOM 109
EXISTING CABLE COUNT
DATA (CAT6): 0
DATA (CAT5e): 185
DATA (CAT5): 0
DATA (CAT3): 0

CABLE RELOCATION COUNT
DATA (CAT6): 0
DATA (CAT5e): 0
DATA (CAT5): 0
DATA (CAT3): 0

EXISTING CABLE TO REMAIN
DATA (CAT6): 0
DATA (CAT5e): 0
DATA (CAT5): 0
DATA (CAT3): 0

FINAL CABLE COUNT
DATA (CAT6A): 185
DATA (CAT6): 0

[illegible]

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Veterans Health Administration
St. Cloud VA Health Care System

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1 2 3 4 5 6 7 8 9 10

A

B

C

D

E

F

A

B

C

D

E

F

GENERAL NOTES:

A. REFER TO GENERAL NOTES ON SHEET T000 FOR ADDITIONAL SCOPE.

CABLING NOTE:

CABLING NOTES:

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.

1. ROOM 205E

EXISTING CABLE COUNT
DATA (CAT6): 0
DATA (CAT6a): 182
DATA (CAT5): 0
DATA (CAT3): 0

CABLE RELOCATION COUNT

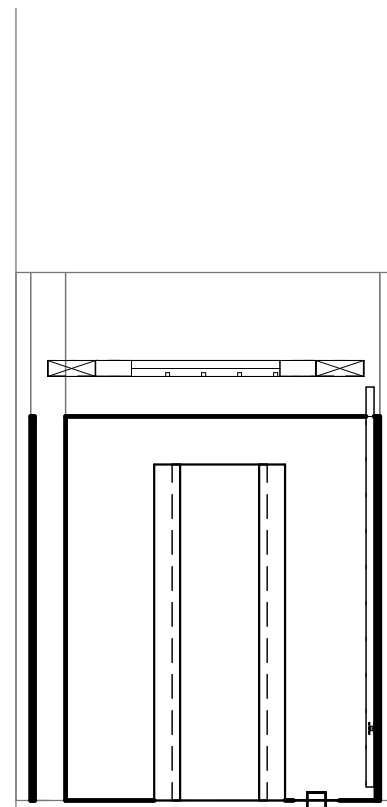
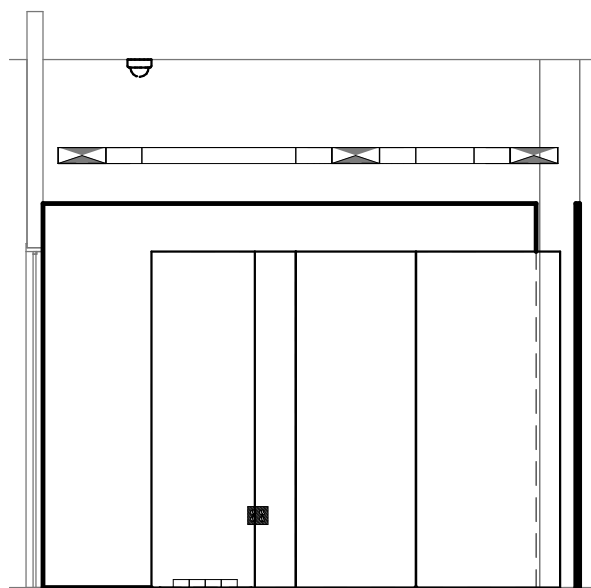
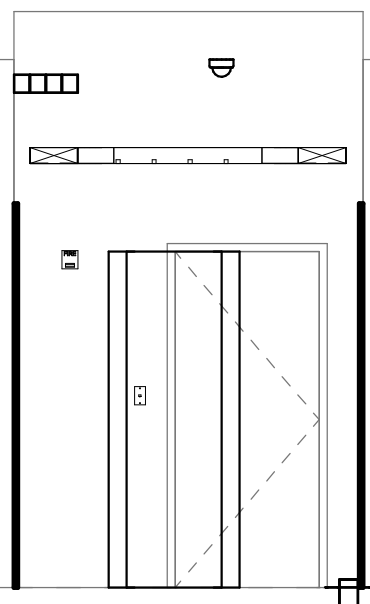
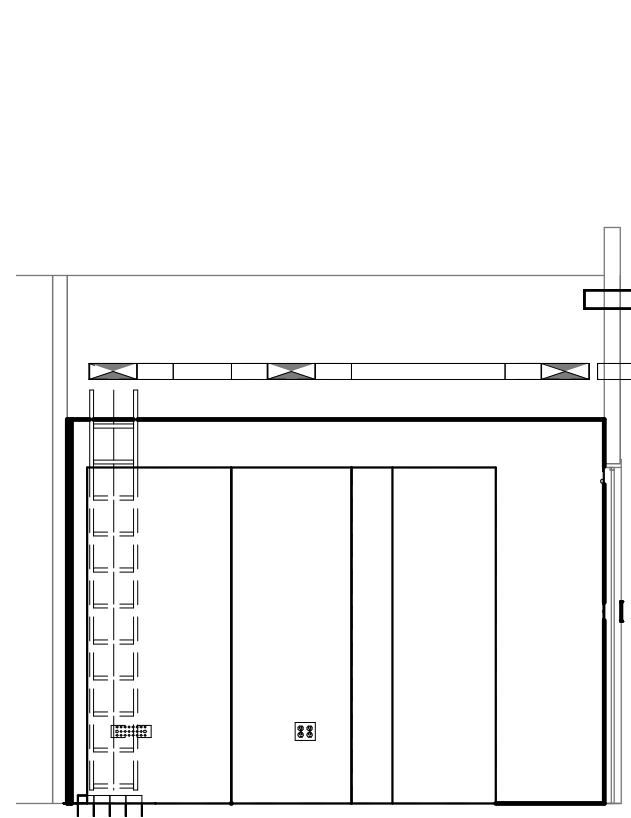
DATA (CAT6): 0
DATA (CAT6a): 185 FROM ROOM 109
DATA (CAT5): 0
DATA (CAT3): 0

EXISTING CABLE TO REMAIN

DATA (CAT6): 0
DATA (CAT6a): 0
DATA (CAT5): 0
DATA (CAT3): 0

FINAL CABLE COUNT

DATA (CAT6a): 182
DATA (CAT5): 0

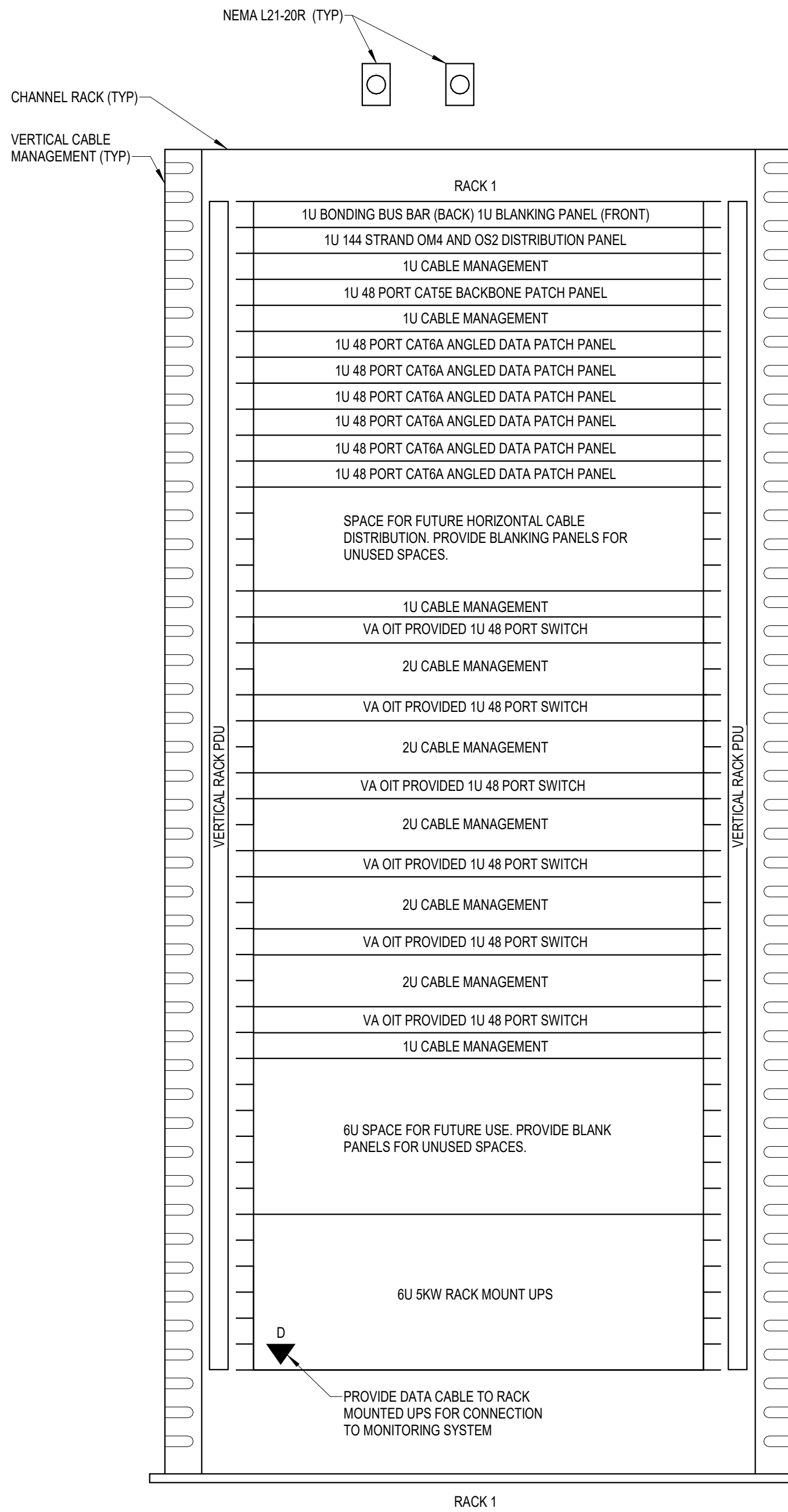


2 2 - a
1/4" = 1'-0"

3 2 - b
1/4" = 1'-0"

4 2 - c
1/4" = 1'-0"

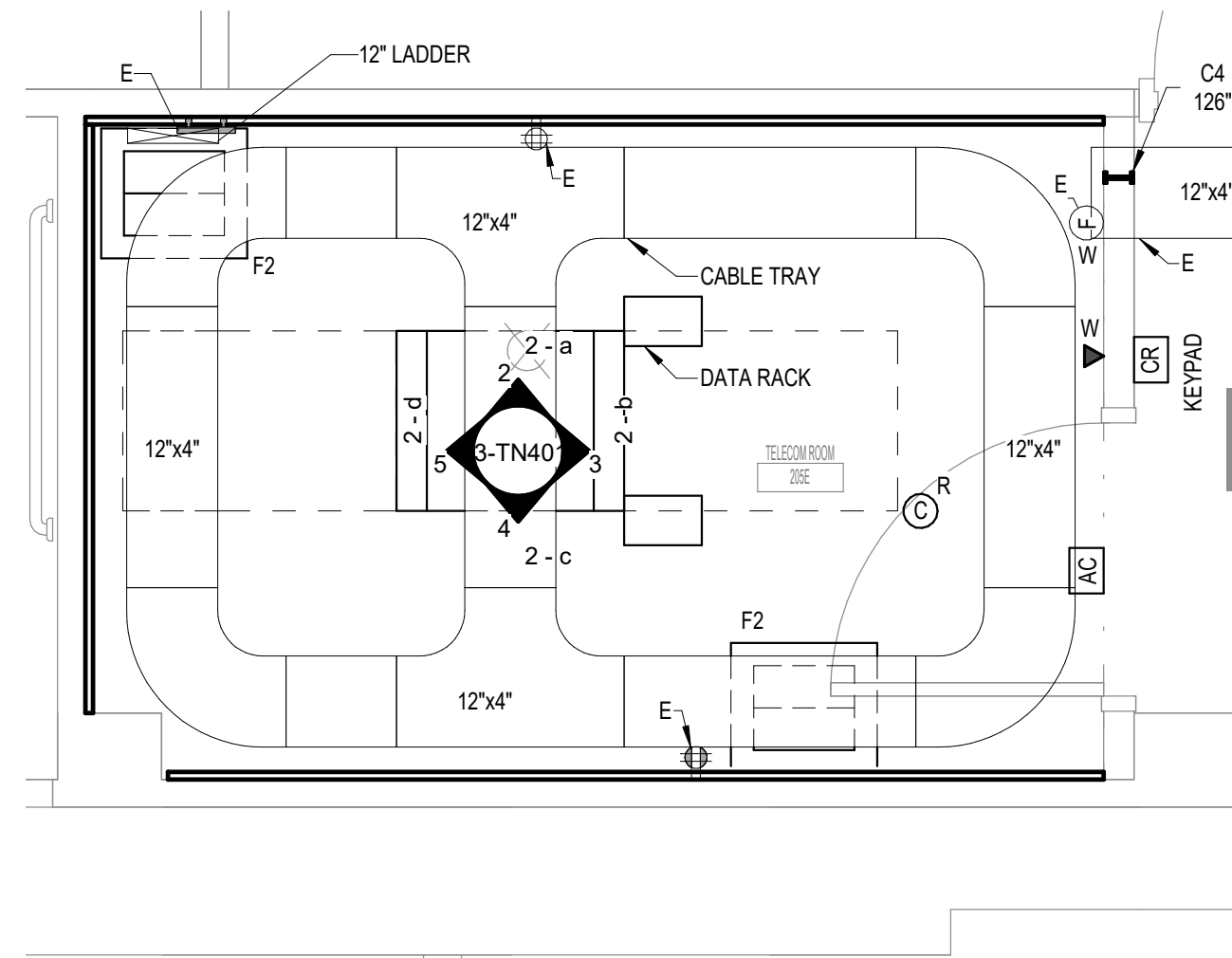
5 2 - d
1/4" = 1'-0"



NOTES:

- REFER TO NEW WORK PLAN FOR RACK LOCATIONS.
- COORDINATE EXACT RACK COUNT AND LOCATION WITH OWNER PRIOR TO PERMANENT INSTALLATION.
- SEE PROJECT SPECIFICATIONS FOR ADDITIONAL RACK COMPONENTS.
- RACK ELEVATION SHOWS A FULLY CONFIGURED SAMPLE RACK. CONTRACTOR TO PROVIDE REQUIRED EQUIPMENT TO SUPPORT THE FINAL DATA COUNT FROM THE ENLARGED NEW SHEET (NOT TO EXCEED 288 PORTS PER RACK).
- COORDINATE FINAL RACK COMPONENT LAYOUT WITH OWNER'S IS/IT REPRESENTATIVE.
- CONTRACTOR IS RESPONSIBLE FOR FINAL CABLE COUNT, QUANTITY OF PATCH PANELS, SWITCHES, FIBER ENCLOSURES, BLANKING PANELS, CABLE MANAGEMENT, AND MOUNTING HARDWARE NOT MARKED AS 'NOT PROVIDED'.
- PUNCHDOWN COPPER BACKBONES ON RACK MOUNT PATCH PANELS. TERMINATE ONE (1) PAIR PER PATCH PANEL PORT.

6 COMMUNICATIONS - TYPICAL ONE RACK ELEVATION WITH RACK MOUNT UPS - TR 205E
NO SCALE



1 ENLARGED PLAN - TR 205E - TELECOM - CABLE TRAY AND DATA
1/2" = 1'-0"

No	REVISION	DATE

CONSULTANT

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Nathan Timm
BICS ID # 346555
Expires 12-31-24

Nathan M. Timm

DRAWING TITLE

ENLARGED PLANS -
TELECOMMUNICATIONS

PROJECT FILE

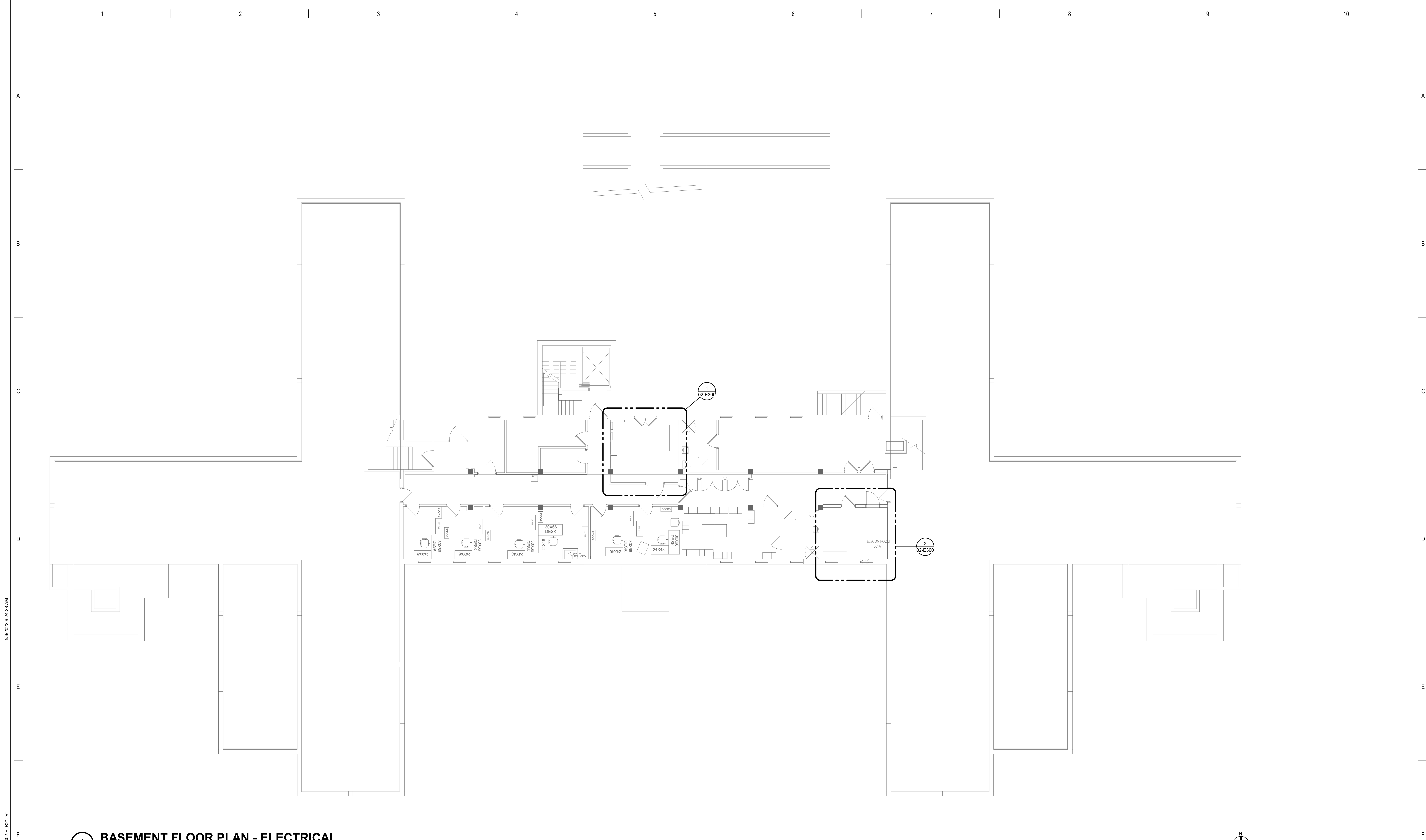
EHRM INFRASTRUCTURE UPGRADES

DATE: 03/30/2022
PLOT SCALE:
PROJECT NO: 656-21-235
DRAWING NO: 3-TN401

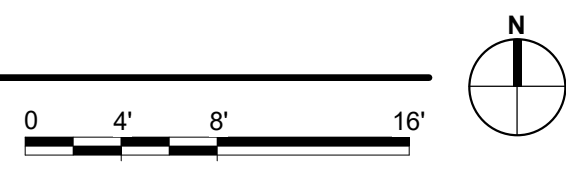
BUILDING No: 3
CHECKED BY: KSB
DRAWN: SSK
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303
FULLY SPRINKLERED
DWS OF

VA

U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System



1 BASEMENT FLOOR PLAN - ELECTRICAL
1/8" = 1'-0"



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No	REVISION	DATE
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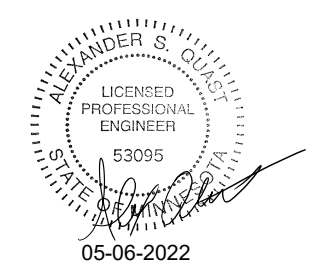


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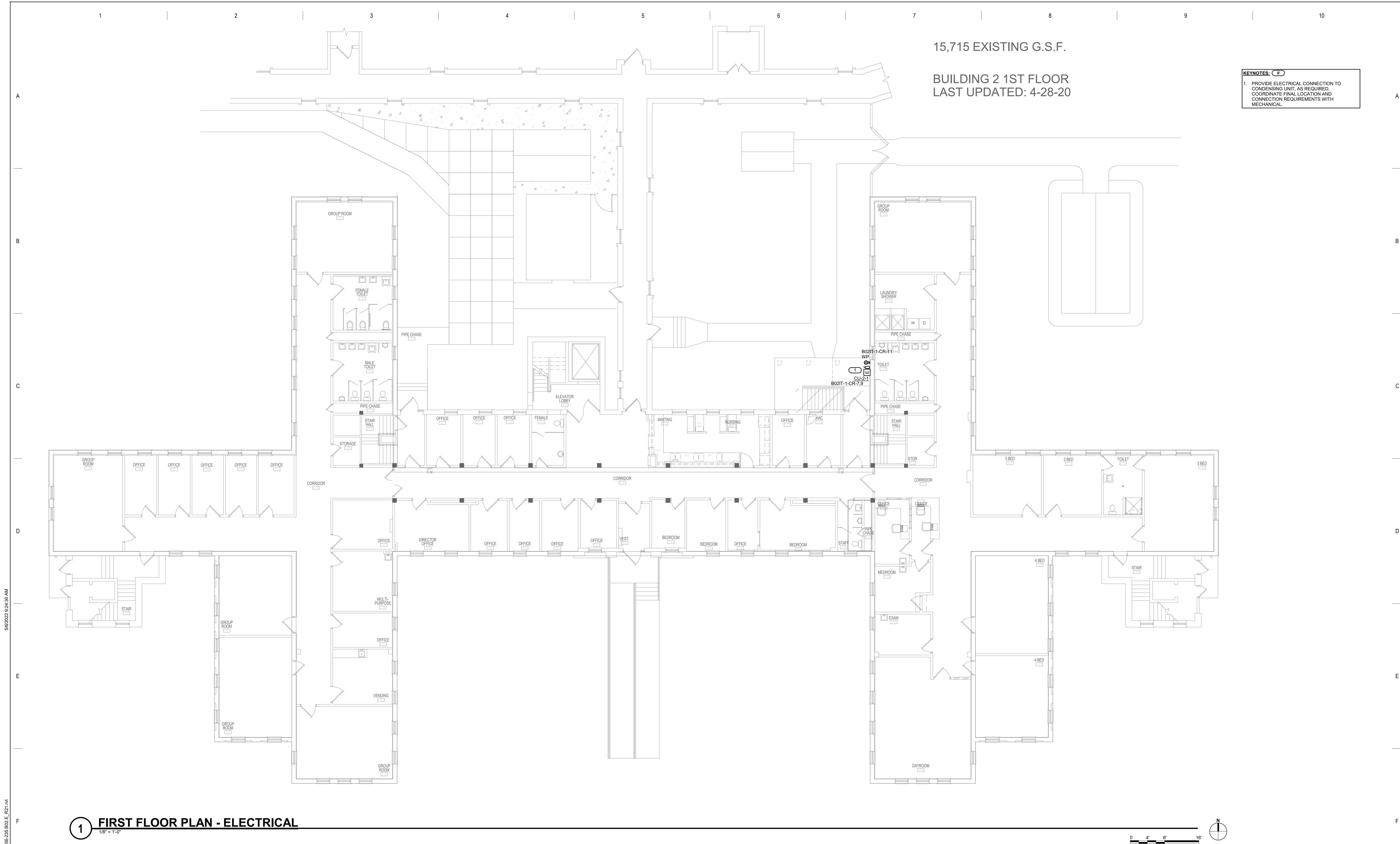
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**BASEMENT FLOOR PLAN -
ELECTRICAL**

PROJECT TITLE		DATE: 03/30/2022	
EHRM INFRASTRUCTURE UPGRADES		PLOT SCALE	
		PROJECT NO. 656-21-235	
BUILDING NO 2	CHECKED BY TBD	DRAWN GJL	DRAWING NO 02-E200
LOCATION: VA MEDICAL CENTER ST.CLOUD, MN 56303		FULLY SPRINKLERED	
		DWG. OF	



**U.S. Department
of Veterans Affairs**
Veterans Health
Administration
St. Cloud VA
Health Care System



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No.	REVISION	DATE
1	100% CD	03/30

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REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL
05-06-2022

DRAWING TITLE

FIRST FLOOR PLAN - ELECTRICAL

PROJECT FILE

EHRM INFRASTRUCTURE UPGRADES

DATE: 03/30/2022
PLOT SCALE:
PROJECT NO: 656-21-235
DRAWING NO: 02-E201

BUILDING No: 2
CHECKED BY: TBD
DRAWN: GJL
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303
FULLY SPRINKLERED
DWS OF

VA

U.S. Department of Veterans Affairs
Veterans Health Administration
St. Cloud VA Health Care System

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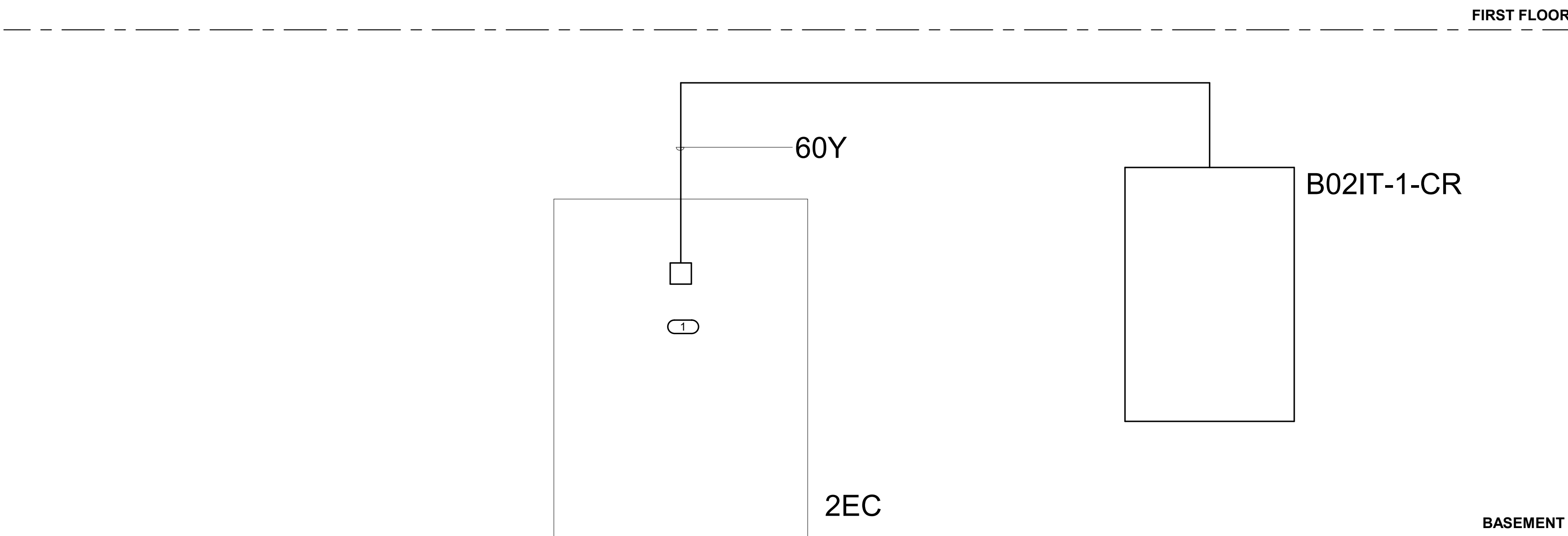
- SHEET NOTES:**
- REFER TO TECHNOLOGY PLANS FOR IT ROOM LAYOUT AND RACK LAYOUT/DETAILS.
 - REFER TO SHEET 0-GE400 DETAIL FOR LAYOUT & ONE-LINE OF RACK.
- KEYNOTES: (#)**
- INDOOR UNIT TO BE POWERED BY OUTDOOR UNIT. COORDINATE EXACT LOCATION WITH M.C.
 - CONNECT SMOKE DETECTOR TO NEAREST EXISTING SLG.
 - COORDINATE FINAL LOCATION OF RECEPTACLE L21-20R WITH TELECOM CONTRACTOR. PROVIDE 3/4"X4" #12 #12 GND TO PANEL FOR EACH RECEPTACLE.
 - PROVIDE EATON BLADEUPS, 5KW, 120/208V, 3-PHASE, 4-WIRE RACK MOUNTED UPS FOR EACH RACK TOWER.
 - PROVIDE APC/AP8861 RPDU RACK PDU 2G WITH L21-20P CORD, (120/208V, 3-PHASE, 20A, ZERO U, 5.7 KW, 208V, (36) C13 (6) C19 (2) 5-20R OUTLETS. PROVIDE TWO PER RACK, MOUNTED PER MANUFACTURER'S REQUIREMENTS.
 - VERIFY EXACT CIRCUIT AVAILABILITY IN PANEL AND REARRANGE BREAKERS TO ALLOW 3 CONSECUTIVE SPACES.

<div>100% CD</div> <div>No</div>		<div>REVISION</div> <div>DATE</div>	<div>CONSULTANT</div> <div><div>ASTSES</div><div>SPECIALIZED ENGINEERING SOLUTIONS</div><div>10360 Ellison Circle Omaha, NE 68134</div><div>Phone: 402.991.5520 www.specializedeng.com</div></div>	<div>ARCHITECT/ENGINEER OF RECORD</div> <div>ANDERSON</div> <div>13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16305</div>	<div>STAMP</div> <div><div>REGISTERED PROFESSIONAL ENGINEER ELECTRICAL NO. 00000</div><div>05-06-2022</div></div>	<div>DRAWING TITLE</div> <div>ELECTRICAL ENLARGED PLANS</div>	<div>PROJECT TITLE</div> <div>EHRM INFRASTRUCTURE UPGRADES</div> <div>BUILDING NO. 2</div> <div>CHECKED BY TBD</div> <div>DRAWN GJL</div> <div>LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303</div>	<div>DATE</div> <div>03/30/2022</div> <div>PLOT SCALE</div> <div>PROJECT NO.</div> <div>656-21-235</div> <div>DRAWING NO.</div> <div>02-E300</div> <div>FULLY SPRINKLERED</div> <div>DWG. OF</div>	<div>U.S. Department of Veterans Affairs</div> <div>Veterans Health Administration</div> <div>St. Cloud VA Health Care System</div>
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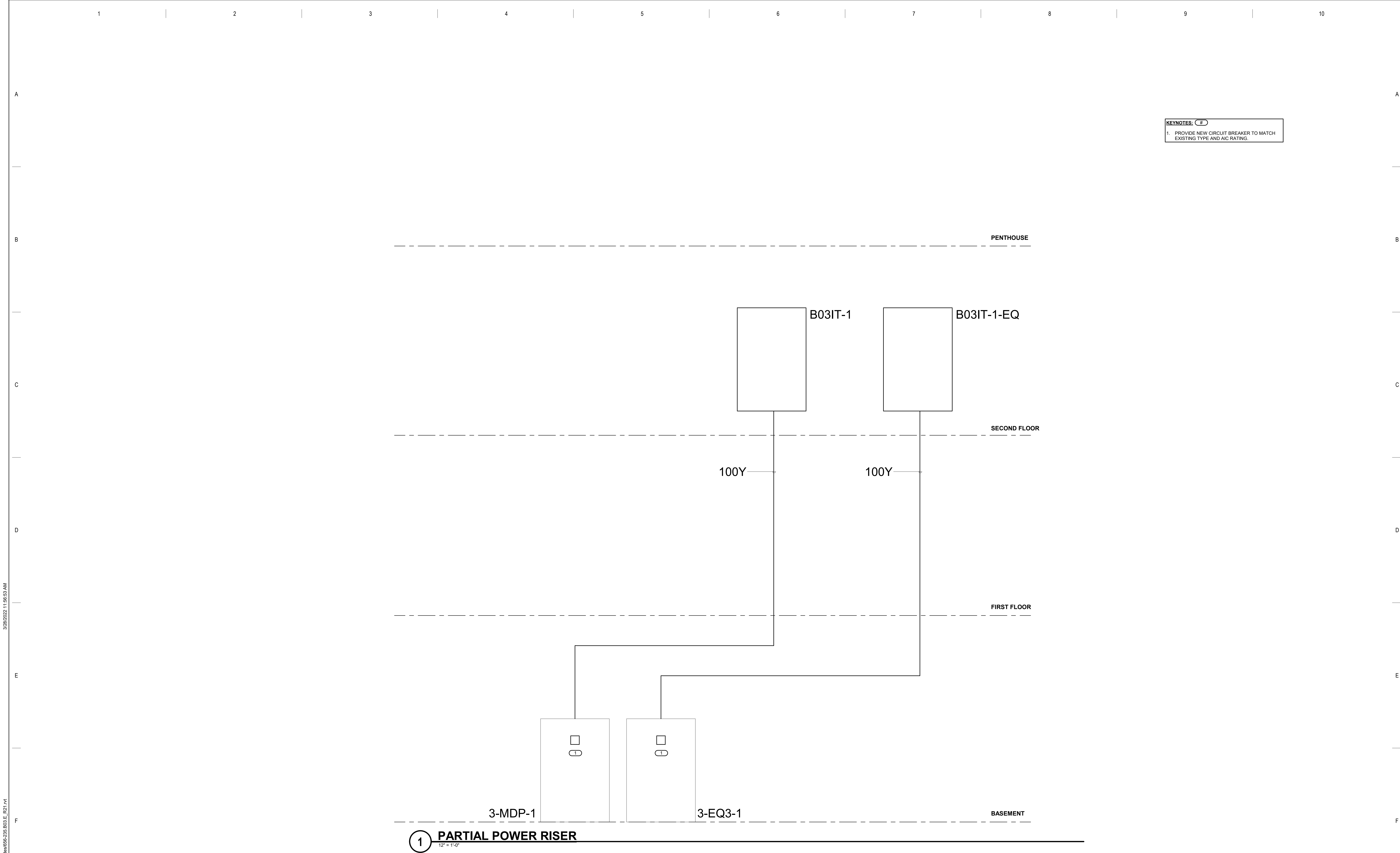
1 PARTIAL POWER RISER



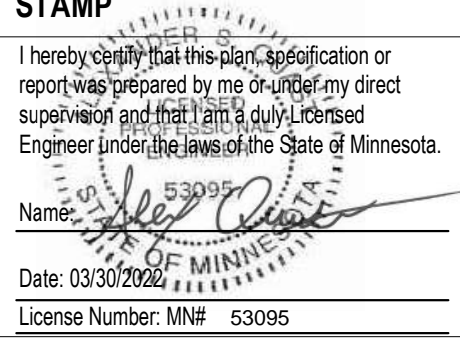




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A circular professional engineer seal for Alexander S. Chao, State of Tennessee. The seal contains the text: ALEXANDER S. CHAO, LICENSED PROFESSIONAL ENGINEER, 53095, and STATE OF TENNESSEE. A signature is written across the seal, and the date 05-06-2022 is printed below it.

VA |  **U.S. Department
of Veterans Affairs**
Veterans Health
Administration
St. Cloud VA
Health Care System



<div>100% CD</div> <div>REVISION</div>		<div>03/30</div> <div>DATE</div>	<div>CONSULTANT</div> <div> SPECIALIZED ENGINEERING SOLUTIONS</div> <div>10360 Ellipse Circle Omaha, NE 68134 Phone: 402.991.5520 www.specializedeng.com</div>		<div>ARCHITECT/ENGINEER OF RECORD</div> <div> ANDERSON</div> <div>13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Anderson Engineering of Minnesota, LLC Proj # 16305</div>		<div>STAMP</div> <div><p>I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Engineer practicing in the State of Minnesota. Name: <i>John J. Anderson</i> Date: 03/30/2022 License Number: MNE 53095</p></div>		<div>DRAWING TITLE</div> <div>ELECTRICAL RISER DIAGRAMS</div>		<div>PROJECT TITLE</div> <div>EHRM INFRASTRUCTURE UPGRADES</div> <div>BUILDING No: 3 CHECKED BY: TBD DRAWN: GJL LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303</div>		<div>DATE</div> <div>03/30/2022</div> <div>PLOT SCALE</div> <div>PROJECT NO:</div> <div>656-21-235</div> <div>DRAWING NO:</div> <div>03-E400</div> <div>FULLY SPRINKLERED</div> <div>DWG. OF</div>		<div> </div> <div>U.S. Department of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System</div>	
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CONSULTANT

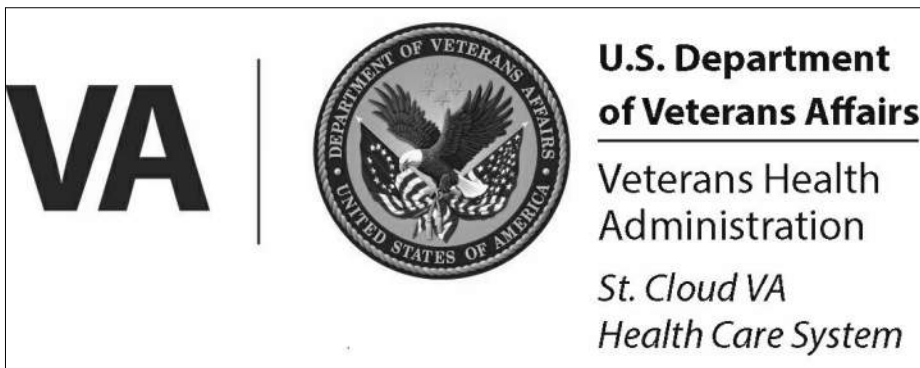
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1	<p>STAMP</p> <p>I hereby certify that this plan, specification or report was prepared by me or under <u>my</u> direct supervision and that I am a duly Licensed Engineer Under the laws of the State of Minnesota.</p> <p>Name: <u>Jeffrey A. Olson</u></p> <p>Date: <u>03/30/2008</u></p> <p>License Number: MN# <u>53095</u></p>
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PROJECT TITLE		DATE	
EHRM INFRASTRUCTURE UPGRADES		03/30/2022	
		PLOT SCALE	
		PROJECT NO.	
		656-21-235	
BUILDING NO	CHECKED BY	DRAWN	DRAWING NO
3	TBD	GJL	03-E500
LOCATION		FULLY SPRINKLERED	
VA MEDICAL CENTER ST. CLOUD, MN 56303		DWG. OF	



FIELD VERIFICATION NOTES

1. THE HVAC CONTRACTOR SHALL VISIT THE SITE **PRIOR TO BID** TO FIELD VERIFY ALL EXISTING CONDITIONS WHICH MAY AFFECT THEIR BID. THE FOLLOWING ITEMS SHALL BE VERIFIED.
- A. EXACT PLACEMENT, SIZE, CAPACITY, MANUFACTURER AND CONDITION OF ALL EXISTING HVAC EQUIPMENT WITHIN SCOPE OF WORK, WHETHER EXPLICITLY SHOWN OR NOT.

B. SIZE AND LOCATION OF ALL EXISTING DUCTWORK.

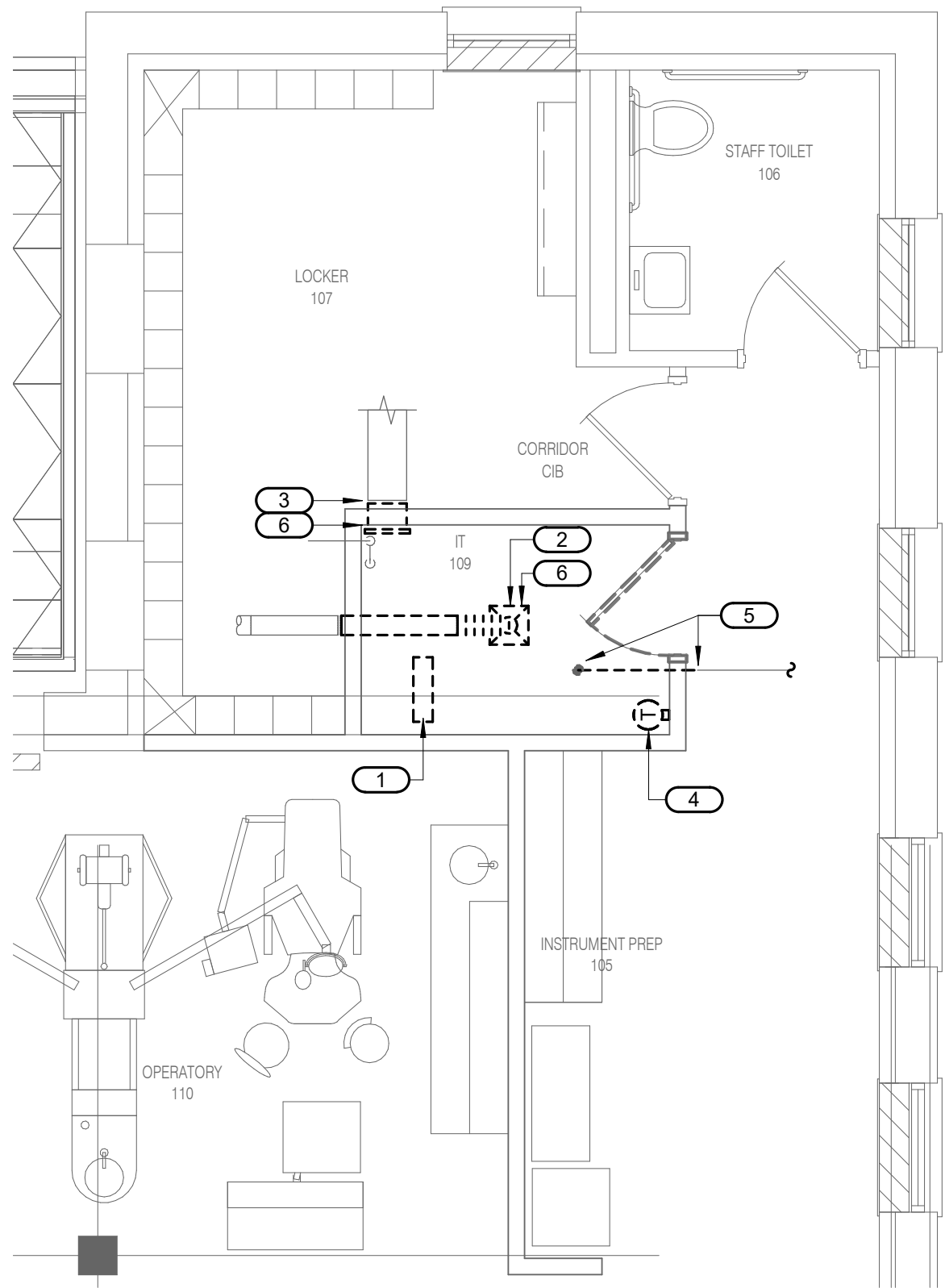
C. SIZE AND LOCATION OF ALL EXISTING GRILLES, REGISTERS, AND DIFFUSERS.

D. SIZE AND LOCATION OF ALL EXISTING THERMOSTATIC CONTROL DEVICES.

E. SIZE AND LCOATION OF ALL EXISTING PLUMBING AND HYDRONIC PIPING.
2. ALL REFERENCES ON THESE DRAWINGS TO EXISTING EQUIPMENT, DUCTWORK, DIFFUSERS, THERMOSTATS AND PIPING ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL THESE ITEMS PRIOR TO BID AND INCLUDE IN THEIR BID ANY AND ALL AMOUNTS REQUIRED TO ACCOMMODATE EXISTING CONDITIONS.
3. NO ALLOWANCES WILL BE MADE AFTER THE PROJECT HAS BEEN AWARDED FOR FAILURE TO VERIFY EXISTING CONDITIONS.
4. ANY DISCREPANCIES WHICH MAY AFFECT THE CONTRACTORS BID SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND ARCHITECT FOR DIRECTION.

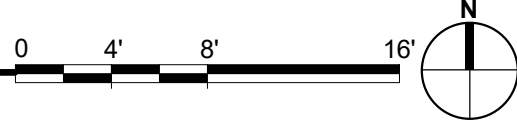
KEYNOTES 1/03-M101:

1. EXISTING DATA RACK LOCATION. UNIT TO BE DEMOLISHED BY OTHERS.
2. EXISTING SUPPLY AIR DIFFUSER AND DUCTWORK. REMOVE BACK TO LOCATION AS SHOWN AND CAP. COORDINATE WALL PATCHING WITH GENERAL CONTRACTOR.
3. EXISTING RETURN AIR GRILLE AND DUCTWORK. REMOVE BACK TO LOCATION AS SHOWN AND CAP. COORDINATE WALL PATCHING WITH GENERAL CONTRACTOR.
4. REMOVE AND DISPOSE OF EXISTING THERMOSTATS AND ASSOCIATED WIRING.
5. REMOVE EXISTING SPRINKLER HEAD AND BRANCH LINE BACK TO LOCATION SHOWN FOR RE-ROUTING. COORDINATE WALL PATCHING WITH GENERAL CONTRACTOR.
6. CONTRACTOR TO PRE-MEASURE EXISTING AIRFLOWS FOR TERMINAL UNIT.



1

FIRST FLOOR DEMOLITION - MECHANICAL



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NAME

DATE: 03/30/2022

LICENSE NUMBER: MNE

PROFESSIONAL ENGINEER

MINNESOTA

DRAWING TITLE

FIRST FLOOR DEMOLITION - MECHANICAL

PROJECT TITLE

EHRM INFRASTRUCTURE UPGRADES

BUILDING NO: 3

CHECKED BY: RDL

DATE: 03/30/2022

DRAWN: JCL

DRAWING NO: 03-M101

LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303

FULLY SPRINKLERED

DWG. OF

U.S. Department of Veterans Affairs

Veterans Health Administration

St. Cloud VA Health Care System

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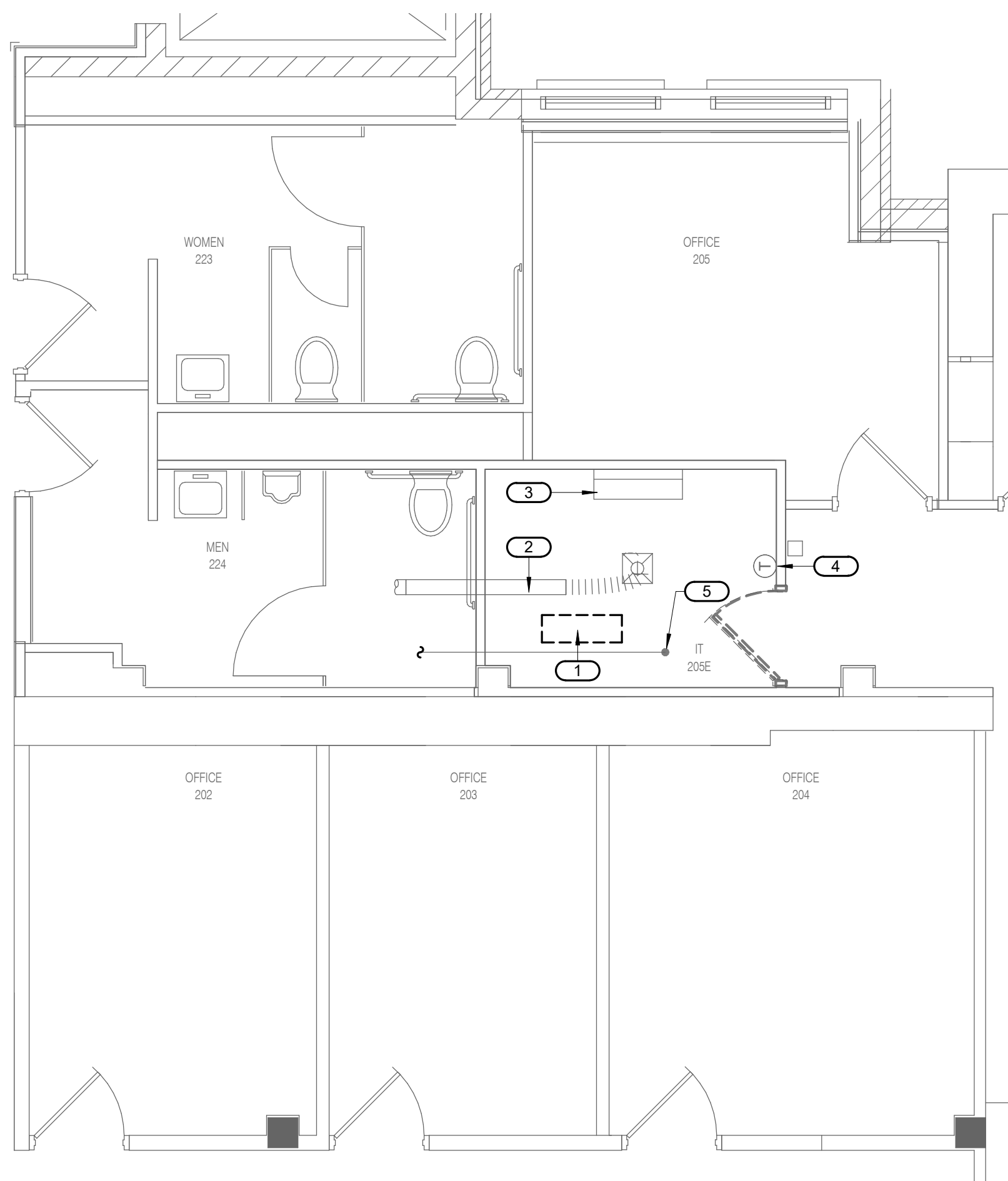
A
B
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FIELD VERIFICATION NOTES

- THE HVAC CONTRACTOR SHALL VISIT THE SITE **PRIOR TO BID** TO FIELD VERIFY ALL EXISTING CONDITIONS WHICH MAY AFFECT THEIR BID. THE FOLLOWING ITEMS SHALL BE VERIFIED.
 - EXACT PLACEMENT, SIZE, CAPACITY, MANUFACTURER AND CONDITION OF ALL EXISTING HVAC EQUIPMENT WITHIN SCOPE OF WORK, WHETHER EXPLICITLY SHOWN OR NOT.
 - SIZE AND LOCATION OF ALL EXISTING DUCTWORK.
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KEYNOTES 1/03-M102:

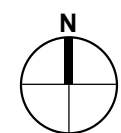
- EXISTING DATA RACK UNIT TO BE DEMOLISHED BY OTHERS.
- EXISTING DIFFUSER AND DUCTWORK TO REMAIN.
- EXISTING SPLIT SYSTEM COOLING UNIT TO REMAIN.
- EXISTING THERMOSTAT TO REMAIN.
- EXISTING FIRE SPRINKLER HEAD AND BRANCH LINE TO REMAIN.



1 SECOND FLOOR DEMOLITION - MECHANICAL

1/4" = 1'-0"

0 4' 8' 16'



No	REVISION	DATE
100% CD		03/30

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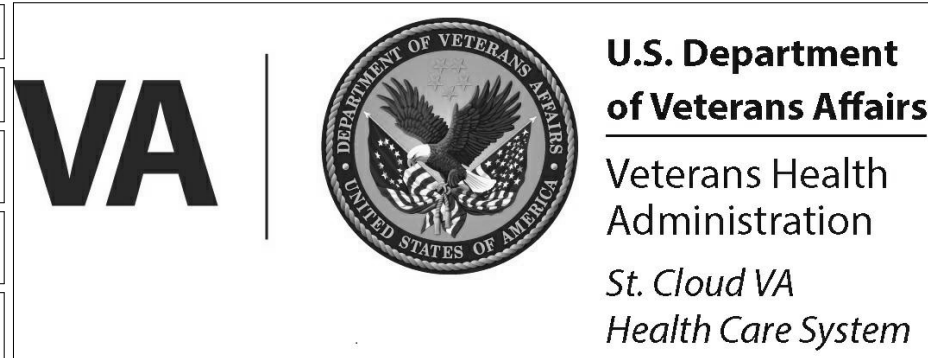
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Date: 03/30/2022
License Number: MNE

DRAWING TITLE
SECOND FLOOR DEMOLITION - MECHANICAL

PROJECT TITLE EHRM INFRASTRUCTURE UPGRADES	DATE 03/30/2022
BUILDING No 3	CHECKED BY RDL
DRAWN JCL	DRAWING NO. 03-M102
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	FULLY SPRINKLERED DWS OF



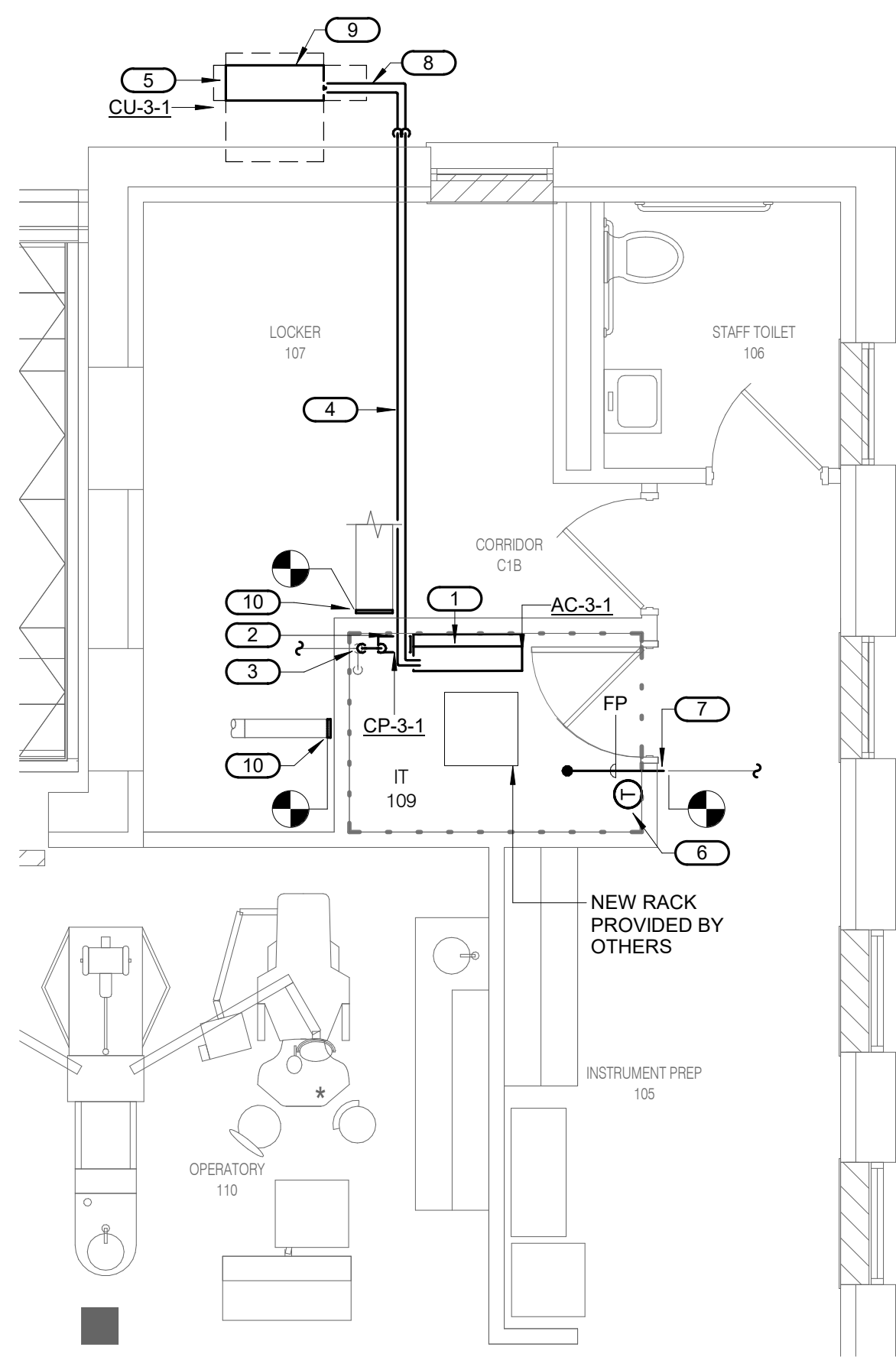
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FIELD VERIFICATION NOTES

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 - SIZE AND LOCATION OF ALL EXISTING DUCTWORK.
 - SIZE AND LOCATION OF ALL EXISTING GRILLES, REGISTERS, AND DIFFUSERS.
 - SIZE AND LOCATION OF ALL EXISTING THERMOSTATIC CONTROL DEVICES.
 - SIZE AND LCOATION OF ALL EXISTING PLUMBING AND HYDRONIC PIPING.
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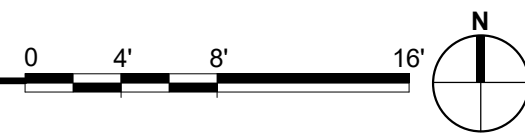
KEYNOTES 1/03-M201:

- NEW WALL-MOUNTED SPLIT SYSTEM AC UNIT AC-3-1.
- PROVIDE NEW CONDENSATE PUMP.
- ROUTE 1" CONDENSATE LINE TO FLOOR DRAIN IN MECHANICAL ROOM 1 APPROXIMATELY 50 FEET WEST AND 25 FEET SOUTH.
- ROUTE REFRIGERANT PIPING TO NEW AIR-COOLED CONDENSING UNIT.
- NEW AIR-COOLED CONDENSING UNIT CU-3-1 ON GRADE. PROVIDE CONCRETE PAD.
- PROVIDE NEW THERMOSTAT.
- EXTEND FIRE SPRINKLER LINE AND PROVIDE NEW SPRINKLER HEAD.
- REFER TO 1/0-GM400 FOR REFRIGERANT PIPING DETAIL.
- REFER TO 3/0-GM401 FOR UNIT MOUNTING DETAIL.
- CONTRACTOR TO REBALANCE SYSTEM AS REQUIRED FOLLOWING COMPLETION OF WORK.



1 FIRST FLOOR - MECHANICAL - IT 109

1/4" = 1'-0"



No	REVISION	DATE
100% CD		03/30

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Name:	
Date: 03/30/2022	
License Number: MNE	

DRAWING TITLE	
FIRST FLOOR - MECHANICAL	

PROJECT TITLE	EHRM INFRASTRUCTURE UPGRADES
DATE	03/30/2022
PLOT SCALE	
PROJECT NO.	656-21-235
DRAWING NO.	03-M201
BUILDING NO.	3
CHECKED BY	RDL
DRAWN	JCL
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303
FULLY SPRINKLERED	
DWG. OF	

VA		U.S. Department of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System
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FIELD VERIFICATION NOTES

1. THE HVAC CONTRACTOR SHOULD VISIT THE SITE **PRIOR TO BID** TO FIELD VERIFY ALL EXISTING CONDITIONS WHICH MAY AFFECT THEIR BID. THE FOLLOWING ITEMS SHALL BE VERIFIED.
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EXACT PLACEMENT, SIZE, CAPACITY, MANUFACTURER AND CONDITION OF ALL EXISTING HVAC EQUIPMENT WITHIN SCOPE OF WORK, WHETHER EXPLICITLY SHOWN OR NOT.
- B.

SIZE AND LOCATION OF ALL EXISTING DUCTWORK.
- C.

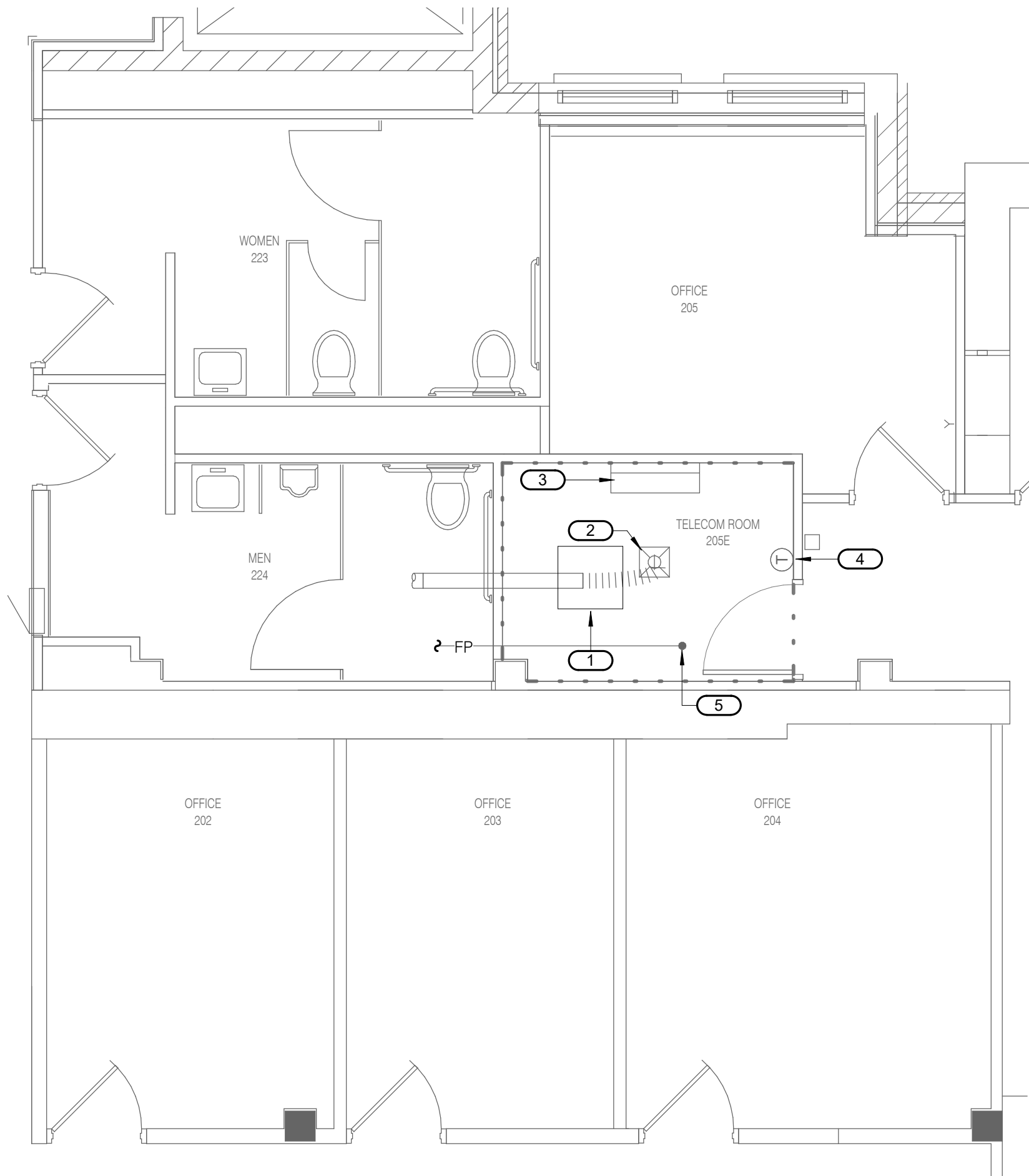
SIZE AND LOCATION OF ALL EXISTING GRILLES, REGISTERS, AND DIFFUSERS.
- D.

SIZE AND LOCATION OF ALL EXISTING THERMOSTATIC CONTROL DEVICES.
- E.

SIZE AND LOCATION OF ALL EXISTING PLUMBING AND HYDRONIC PIPING.
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KEYNOTES 103-M202:

1. NEW RACK LOCATION PROVIDED BY OTHERS.
2. EXISTING SUPPLY DIFFUSER AND DUCTWORK. ADJUST DUCTWORK AS NEEDED TO ACCOMMODATE NEW RACK LAYOUT. FIELD VERIFY REQUIREMENTS.
3. EXISTING SPIT SYSTEM COOLING UNIT TO REMAIN.
4. EXISTING THERMOSTAT TO REMAIN.
5. EXISTING FIRE SPRINKLER HEAD AND BRANCH LINE. ADJUST AS NEEDED TO ACCOMMODATE NEW RACK LAYOUT. FIELD VERIFY REQUIREMENTS.



1

SECOND FLOOR REMODEL - MECHANICAL - TELECOM 205E



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PROFESSIONAL
ENGINEER
STATE OF MN
175
2021

Name:
Date: 03/30/2022
License Number: MNE

DRAWING TITLE
SECOND FLOOR REMODEL -
MECHANICAL

PROJECT TITLE EHRM INFRASTRUCTURE UPGRADES	DATE 03/30/2022
BUILDING NO. 3	CHECKED BY RDL
DRAWN JCL	DRAWING NO. 03-M202
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	FULLY SPRINKLERED DWS OF

VA

U.S. Department
of Veterans Affairs
Veterans Health
Administration
St. Cloud VA
Health Care System