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Branch Panel:TN-15-101

Location: TR 101
Supply From: 15MDP
Mounting: SURFACE
Enclosure: NEMA 1

METER - MAIN BUS
A.I.C. Rating: 20KA
Mains Type: SHUNT TRIP
Mains Rating: 100 A
MCB Rating: 100 A

Volts: 208Y/120V
Phases: 3
Wires: 4

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	3 RACK	60 A	3	5000 0	5000 0			0	20 A SPARE	2
3								0	20 A SPARE	4
5						5000 0		0	20 A SPARE	6
7	SPARE	20 A	1	0 0				0	20 A SPARE	8
9	SPARE	20 A	1		0 0			0	20 A SPARE	10
11	SPARE	20 A	1			0 0		0	20 A SPARE	12
13	SPARE	20 A	1	0 0				0	20 A SPARE	14
15	SPARE	20 A	1		0 0			0	20 A SPARE	16
17	SPARE	20 A	1			0 0		0	20 A SPARE	18
19	SPARE	20 A	1	0 0				0	20 A SPARE	20
21	SPARE	20 A	1		0 0			0	20 A SPARE	22
23	SPARE	20 A	1			0 0		0	20 A SPARE	24
25	SPARE	20 A	1	0 0				0	20 A SPARE	26
27	SPARE	20 A	1		0 0			0	20 A SPARE	28
29	SPARE	20 A	1			0 0		0	20 A EPO BUTTON	30
31	SPARE	20 A	1	0 0				0	20 A SPARE	32
33	REC	20 A	1		360 0			0	20 A SPARE	34
35	REC	20 A	1			360 0		0	20 A SPARE	36
37	SPD	20 A	3	0 0				1	20 A SPARE	38
39					0 0			1	20 A SPARE	40
41						0 0		1	20 A SPARE	42
Total Load:				5000	5360	5360				
Total Amps:				41.7 A	44.7 A	44.7 A				
Panel Totals								Panel Totals		
Total Conn. Load:				15720 VA				Total Conn.: 43.7 A		

Branch Panel:TC-15-101

Location: TR 101
Supply From: 15OSDP1
Mounting: SURFACE
Enclosure: NEMA 1

METER - MAIN BUS
A.I.C. Rating: 20KA
Mains Type: SHUNT TRIP
Mains Rating: 100 A
MCB Rating: 100 A

Volts: 208Y/120V
Phases: 3
Wires: 4

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	3 RACK	60 A	3	5000 2642	5000 2642			0	40 A HVAC - CU	2
3								0	40 A HVAC - AC	4
5						5000 120		2	15 A	6
7	SPARE	20 A	1	0 120						8
9	SPARE	20 A	1		0 0			1	20 A SPARE	10
11	SPARE	20 A	1			0 0		1	20 A SPARE	12
13	SPARE	20 A	1	0 0				1	20 A SPARE	14
15	SPARE	20 A	1		0 0			1	20 A SPARE	16
17	SPARE	20 A	1			0 0		1	20 A SPARE	18
19	SPARE	20 A	1	0 0				1	20 A SPARE	20
21	SPARE	20 A	1		0 0			1	20 A SPARE	22
23	SPARE	20 A	1			0 0		1	20 A SPARE	24
25	SPARE	20 A	1	0 0				1	20 A SPARE	26
27	SPARE	20 A	1		0 100			1	20 A LIGHTS	28
29	SPARE	20 A	1			0 0		1	20 A EPO BUTTON	30
31	SPARE	20 A	1	0 0				1	20 A MAG LOCK CONTROLLER	32
33	REC	20 A	1		360 0			1	20 A SPARE	34
35	REC	20 A	1			360 0		1	20 A SPARE	36
37	SPD	20 A	3	0 0				1	20 A SPARE	38
39					0 0			1	20 A SPARE	40
41						0 0		1	20 A SPARE	42
Total Load:				7762	8102	5480				
Total Amps:				64.7 A	67.5 A	45.7 A				
Panel Totals								Panel Totals		
Total Conn. Load:				21344 VA				Total Conn.: 59.3 A		

GENERAL NOTES

1. CONTRACTOR TO PROVIDE ALL NEW BREAKERS AS SHOWN.

2. CONTRACTOR TO PROVIDE REMOTE SPD'S FOR ALL PANELS. PROVIDE SPD MANUFACTURE RECOMMENDED 3 POLE CIRCUIT BREAKER.

3. CONTRACTOR TO PROVIDE REMOTE METERS PER SPECS FOR ALL PANELS. REMOTE METER TO METER MAIN BUS.

KEYED NOTES

TN-15-101

TC-15-101

Revisions:

Date:

CONSULTANT

Ross & Baruzzini

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STATE OF MISSOURI
BRUCE K. MOELLENDORFF
E-21712
Professional Engineer
05-04-2022

Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title

BUILDING 15 - ELECTRICAL SCHEDULE

Approved: Project Director

Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title

CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES

Location
3200 VINE ST., CINCINNATI, OH

Issue Date
04-MAY-2022

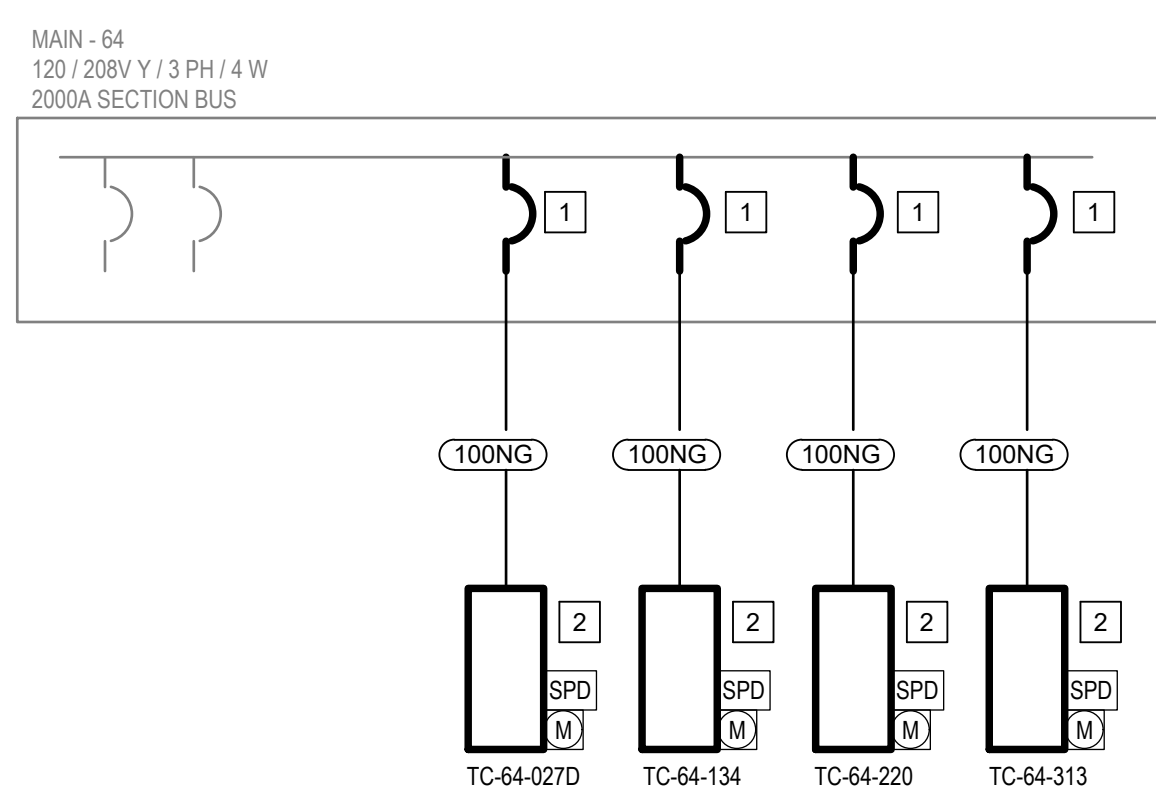
Checked
BKM

Drawn
CB

Project Number
539-21-701

Building Number
C15

Drawing Number
EP-641-C.15



1 PANEL MAIN BUILDING 64 DIAGRAM

Scale: NOT TO SCALE

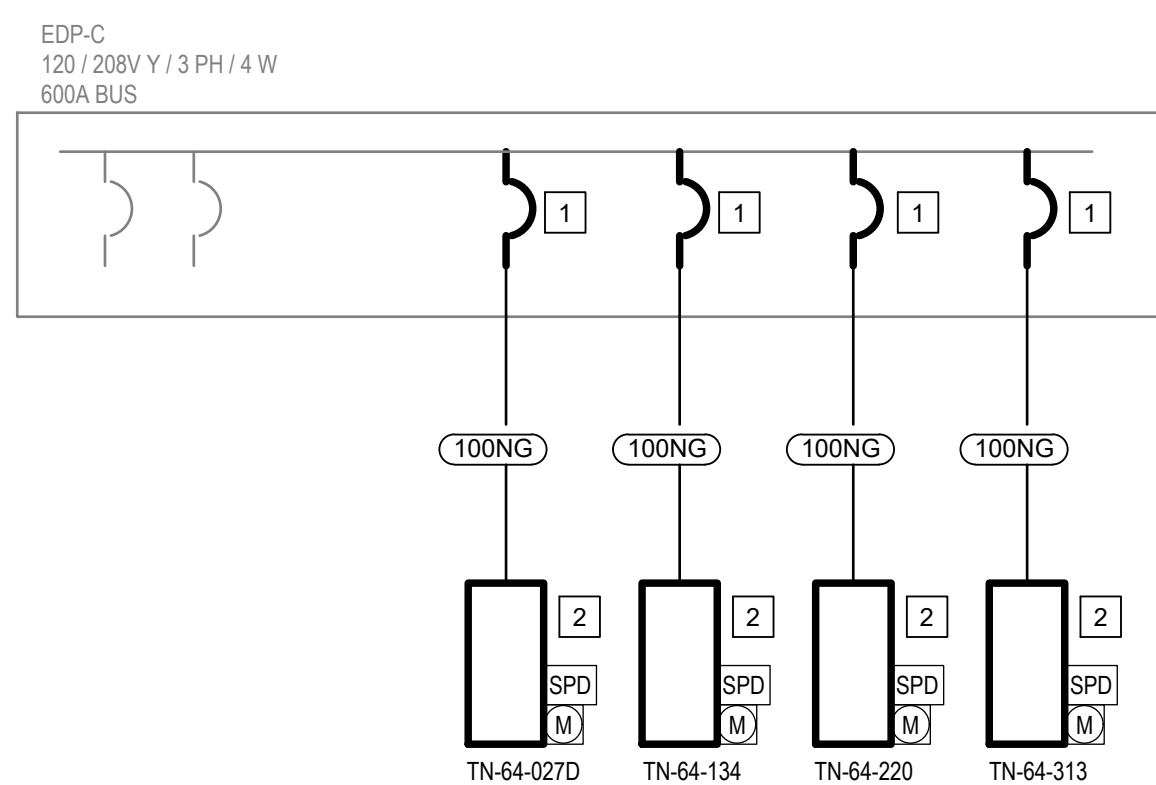
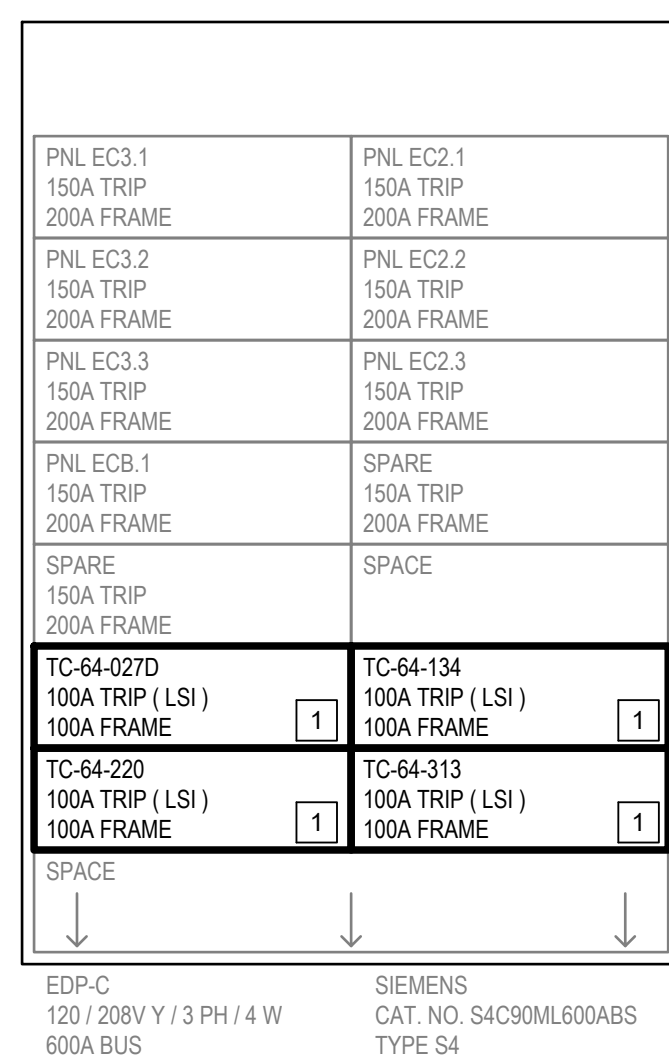
XXXX		NUMBER OF SETS	CURRENT CARRYING CONDUCTORS PER SET		NEUTRAL CONDUCTORS PER SET		GROUND CONDUCTOR PER SET		CONDUIT PER SET		NOTES
MARK			NUMBER	SIZE	NUMBER	SIZE	NUMBER	SIZE	NUMBER	SIZE	
40NG	1	3	#8	1	#6	1	#10	3/4"	-		
40NG+1	1	3	#6	1	#4	1	#8	1"	-		
40NG+2	1	3	#4	1	#2	1	#4	1 1/4"	-		
60NG1	1	2	#6	1	#6	1	#10	1"	-		
60NG	1	3	#6	1	#6	1	#10	1"	-		
100NG	1	3	#3	1	#2	1	#8	1 1/4"	-		
100NG+1	1	3	#2	1	#1	1	#6	1 1/4"	-		
100NG+2	1	3	#1	1	1/0	1	#4	1 1/2"	-		
100NG+3	1	3	1/0	1	2/0	1	#4	1 1/2"	-		
150NG	1	3	1/0	3	2/0	1	#6	1 1/2"	-		
225NG	1	3	4/0	1	4/0	1	#4	2 1/2"	-		
E225NG	1	3	4/0	1	4/0	1	#2	2 1/2"	-	EXISTING	
400G	2	3	3/0			1	#3	2"	-		
400NG	1	3	500MCM	1	500MCM	1	#3	3"	-		
E400NG	1	3	500MCM	1	500MCM	1	#3	-	-	IN EXISTING 3" CONDUIT	
500NG	2	3	4/0	1	4/0	1	#2	3"	-		
E500NG	2	3	4/0	1	4/0	1	#2	3"	-	EXISTING	
800NG	2	3	600MCM	1	600MCM	1	1/0	4"	-		

GENERAL NOTES

1. REFER TO TECHNOLOGY DRAWINGS FOR TR GROUNDING REQUIREMENTS.
2. CONTRACTOR TO PROVIDE REMOTE SPD'S FOR ALL PANELS. PROVIDE SPD MANUFACTURE RECOMMENDED 3 POLE CIRCUIT BREAKER. PROVIDE ALL WIRING AND CONDUIT FOR SPD'S.
3. CONTRACTOR TO PROVIDE METERS PER SPECS FOR ALL PANELS.

KEYED NOTES

- 1 PROVIDE NEW CIRCUIT BREAKER IN EXISTING SWITCHBOARD. MATCH EXISTING KAIC RATING.
- 2 PROVIDE NEW PANELBOARD, SPD, METER, AND FEEDER TO PANELBOARD.



2 PANEL EDP-C BUILDING 64 DIAGRAM

Scale; NOT TO SCALE

[illegible]

CONSULTANT

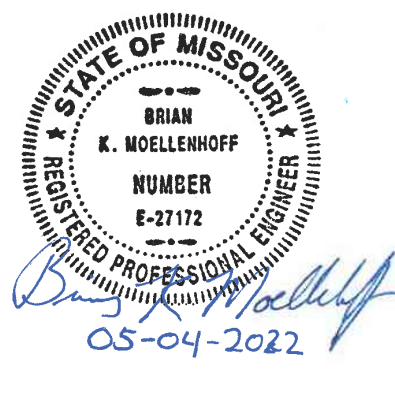
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Construction
and Facilities
Management



U.S. Department
of Veterans Affairs

Drawing Title

BUILDING 64 - ELECTRICAL DIAGRAMS

Approved: Project Director

Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location	3200 VINE ST., CINCINNATI, OH
----------	-------------------------------

Issue Date
04-MAY-2022

Checked

BKM

Drawn

CB

Project Number

539-21-701

Building Number
FT 64

Drawing Number

EP-650-FT.64

Branch Panel: TN-64-220

Location: BUILDING 64 - 220
Supply From: BUILDING 64 - MAIN
Mounting: SURFACE
Enclosure: NEMA 1

METER - MAIN BUS
A.I.C. Rating: 20KA
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A SHUNT TRIP

Volts: 208Y/120V
Phases: 3
Wires: 4

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	2 RACK	30 A	3	3333	0		1	20 A	SPARE	2		
3					3333	0		1	20 A	SPARE	4	
5						3333	0		1	20 A	SPARE	6
7	SPARE	20 A	1	0	0		1	20 A	SPARE	8		
9	SPARE	20 A	1		0	0	1	20 A	SPARE	10		
11	SPARE	20 A	1			0	0	1	20 A	SPARE	12	
13	SPARE	20 A	1	0	0		1	20 A	SPARE	14		
15	SPARE	20 A	1		0	0	1	20 A	SPARE	16		
17	SPARE	20 A	1			0	0	1	20 A	SPARE	18	
19	SPARE	20 A	1	0	0		1	20 A	SPARE	20		
21	SPARE	20 A	1		0	0	1	20 A	SPARE	22		
23	SPARE	20 A	1			0	0	1	20 A	SPARE	24	
25	SPARE	20 A	1	0	0		1	20 A	SPARE	26		
27	SPARE	20 A	1		0	0	1	20 A	SPARE	28		
29	SPARE	20 A	1			0	0	1	20 A	EPO BUTTON	30	
31	SPARE	20 A	1	0	0		1	20 A	SPARE	32		
33	REC	20 A	1		360	0		1	20 A	SPARE	34	
35	REC	20 A	1			360	0	1	20 A	SPARE	36	
37	SPD	20 A	3	0	0		1	20 A	SPARE	38		
39					0	0	1	20 A	SPARE	40		
41						0	0	1	20 A	SPARE	42	
Total Load:				3333	3693	3693						
Total Amps:				27.8 A	30.8 A	30.8 A						
Panel Totals										Panel Totals		
Total Conn. Load: 10719 VA										Total Conn.: 29.8 A		

Branch Panel: TN-64-313

Location: BUILDING 64 - 313
Supply From: BUILDING 64 - MAIN
Mounting: SURFACE
Enclosure: NEMA 1

METER - MAIN BUS
A.I.C. Rating: 20KA
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A SHUNT TRIP

Volts: 208Y/120V
Phases: 3
Wires: 4

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	2 RACK	30 A	3	3333	0		1	20 A	SPARE	2		
3					3333	0		1	20 A	SPARE	4	
5						3333	0		1	20 A	SPARE	6
7	SPARE	20 A	1	0	0		1	20 A	SPARE	8		
9	SPARE	20 A	1		0	0	1	20 A	SPARE	10		
11	SPARE	20 A	1			0	0	1	20 A	SPARE	12	
13	SPARE	20 A	1	0	0		1	20 A	SPARE	14		
15	SPARE	20 A	1		0	0	1	20 A	SPARE	16		
17	SPARE	20 A	1			0	0	1	20 A	SPARE	18	
19	SPARE	20 A	1	0	0		1	20 A	SPARE	20		
21	SPARE	20 A	1		0	0	1	20 A	SPARE	22		
23	SPARE	20 A	1			0	0	1	20 A	SPARE	24	
25	SPARE	20 A	1	0	0		1	20 A	SPARE	26		
27	SPARE	20 A	1		0	0	1	20 A	SPARE	28		
29	SPARE	20 A	1			0	0	1	20 A	EPO BUTTON	30	
31	SPARE	20 A	1	0	0		1	20 A	SPARE	32		
33	REC	20 A	1		360	0		1	20 A	SPARE	34	
35	REC	20 A	1			360	0	1	20 A	SPARE	36	
37	SPD	20 A	3	0	0		1	20 A	SPARE	38		
39					0	0	1	20 A	SPARE	40		
41						0	0	1	20 A	SPARE	42	
Total Load:				3333	3693	3693						
Total Amps:				27.8 A	30.8 A	30.8 A						
Panel Totals										Panel Totals		
Total Conn. Load: 10719 VA										Total Conn.: 29.8 A		

Branch Panel: TC-64-220

Location: BUILDING 64 - 220
Supply From: EDP-C
Mounting: SURFACE
Enclosure: NEMA 1

METER - MAIN BUS
A.I.C. Rating: 20KA
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A SHUNT TRIP

Volts: 208Y/120V
Phases: 3
Wires: 4

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	2 RACK	30 A	3	3333	2642		2	40 A	HVAC - CU / AC	2		
3					3333	2642		1	20 A	SPARE	4	
5						3333	0		1	20 A	SPARE	6
7	SPARE	20 A	1	0	0		1	20 A	SPARE	8		
9	SPARE	20 A	1		0	0	1	20 A	SPARE	10		
11	SPARE	20 A	1			0	0	1	20 A	SPARE	12	
13	SPARE	20 A	1	0	0		1	20 A	SPARE	14		
15	SPARE	20 A	1		0	0	1	20 A	SPARE	16		
17	SPARE	20 A	1			0	0	1	20 A	SPARE	18	
19	SPARE	20 A	1	0	0		1	20 A	SPARE	20		
21	SPARE	20 A	1		0	0	1	20 A	SPARE	22		
23	SPARE	20 A	1			0	0	1	20 A	SPARE	24	
25	SPARE	20 A	1	0	0		1	20 A	SPARE	26		
27	SPARE	20 A	1			0	100	1	20 A	LIGHTS	28	
29	SPARE	20 A	1			0	0	1	20 A	EPO BUTTON	30	
31	SPARE	20 A	1	0	0		1	20 A	MAG LOCK CONTROLLER	32		
33	REC	20 A	1		360	0		1	20 A	SPARE	34	
35	REC	20 A	1			360	0	1	20 A	SPARE	36	
37	SPD	20 A	3	0	0		1	20 A	SPARE	38		
39					0	0	1	20 A	SPARE	40		
41						0	0	1	20 A	SPARE	42	
Total Load:				5975	6435	3693						
Total Amps:				49.8 A	53.6 A	30.8 A						
Panel Totals										Panel Totals		
Total Conn. Load: 16103 VA										Total Conn.: 44.7 A		

Branch Panel: TC-64-313

Location: BUILDING 64 - 313
Supply From: EDP-C
Mounting: SURFACE
Enclosure: NEMA 1

METER - MAIN BUS
A.I.C. Rating: 20KA
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A SHUNT TRIP

Volts: 208Y/120V
Phases: 3
Wires: 4

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	2 RACK	30 A	3	3333	2642		2	40 A	HVAC - CU / AC	2		
3					3333	2642		1	20 A	SPARE	4	
5						3333	0		1	20 A	SPARE	6
7	SPARE	20 A	1	0	0		1	20 A	SPARE	8		
9	SPARE	20 A	1		0	0	1	20 A	SPARE	10		
11	SPARE	20 A	1			0	0	1	20 A	SPARE	12	
13	SPARE	20 A	1	0	0		1	20 A	SPARE	14		
15	SPARE	20 A	1		0	0	1	20 A	SPARE	16		
17	SPARE	20 A	1			0	0	1	20 A	SPARE	18	
19	SPARE	20 A	1	0	0		1	20 A	SPARE	20		
21	SPARE	20 A	1		0	0	1	20 A	SPARE	22		
23	SPARE	20 A	1			0	0	1	20 A	SPARE	24	
25	SPARE	20 A	1	0	0		1	20 A	SPARE	26		
27	SPARE	20 A	1			0	100	1	20 A	LIGHTS	28	
29	SPARE	20 A	1			0	0	1	20 A	EPO BUTTON	30	
31	SPARE	20 A	1	0	0		1	20 A	MAG LOCK CONTROLLER	32		
33	REC	20 A	1		360	0		1	20 A	SPARE	34	
35	REC	20 A	1			360	0	1	20 A	SPARE	36	
37	SPD	20 A	3	0	0		1	20 A	SPARE	38		
39					0	0	1	20 A	SPARE	40		
41						0	0	1	20 A	SPARE	42	
Total Load:				5975	6435	3693						
Total Amps:				49.8 A	53.6 A	30.8 A						
Panel Totals										Panel Totals		
Total Conn. Load: 16103 VA										Total Conn.: 44.7 A		

GENERAL NOTES

1. CONTRACTOR TO PROVIDE ALL NEW BREAKERS AS SHOWN.

2. CONTRACTOR TO PROVIDE REMOTE SPD'S FOR ALL PANELS. PROVIDE SPD MANUFACTURE RECOMMENDED 3 POLE CIRCUIT BREAKER.

3. CONTRACTOR TO PROVIDE REMOTE METERS PER SPECS FOR ALL PANELS. REMOTE METER TO METER MAIN BUS.

KEYED NOTES

TN-64-027D TC-64-027D

TN-64-134 TC-64-134

Revisions:

Date:

CONSULTANT

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Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

BUILDING 64 - ELECTRICAL SCHEDULE

Approved: Project Director

Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title

CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES

Location

3200 VINE ST., CINCINNATI, OH

Issue Date

04-MAY-2022

Checked

BKM

Drawn

CB

Project Number

539-21-701

Building Number

FT 64

Drawing Number

EP-652-FT.64



GENERAL NOTES

- REFER TO TECHNOLOGY DRAWINGS FOR TR GROUNDING REQUIREMENTS.
- CONTRACTOR TO PROVIDE REMOTE SPD'S FOR ALL PANELS. PROVIDE SPD MANUFACTURE RECOMMENDED 3 POLE CIRCUIT BREAKER. PROVIDE ALL WIRING AND CONDUIT FOR SPD'S.
- CONTRACTOR TO PROVIDE METERS PER SPECS FOR ALL PANELS.

KEYED NOTES

- 1 PROVIDE NEW CIRCUIT BREAKER IN EXISTING SWITCHBOARD. MATCH KAIC RATING
- 2 PROVIDE NEW PANELBOARD, SPD, METER, AND FEEDER TO PANELBOARD.

Branch Panel:TN-PK-

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	1 RACK	20 A	3	1667 1352			2	20 A	HVAC - VC / AC	2
3					1667 1352					4
5						1667 -	1	20 A	SPARE	6
7	SPARE	20 A	1	0 0			1	20 A	SPARE	8
9	SPARE	20 A	1		0 0		1	20 A	SPARE	10
11	SPARE	20 A	1			0 0	1	20 A	SPARE	12
13	SPARE	20 A	1	0 0			1	20 A	SPARE	14
15	SPARE	20 A	1		0 0		1	20 A	SPARE	16
17	SPARE	20 A	1			0 0	1	20 A	SPARE	18
19	SPARE	20 A	1	0 0			1	20 A	SPARE	20
21	SPARE	20 A	1		0 0		1	20 A	SPARE	22
23	SPARE	20 A	1			0 0	1	20 A	SPARE	24
25	SPARE	20 A	1	0 0			1	20 A	SPARE	26
27	SPARE	20 A	1		0 100		1	20 A	LIGHTS	28
29	REC	20 A	1			360 0	1	20 A	EPO BUTTON	30
31	REC	20 A	1	360 0			1	20 A	MAG LOCK CONTROLLER	32
33	REC	20 A	1		360 0		1	20 A	SPARE	34
35	REC	20 A	1			360 0	1	20 A	SPARE	36
37	SPD	20 A	3	0 0 0			1	20 A	SPARE	38
39					0 0		1	20 A	SPARE	40
41						0 0	1	20 A	SPARE	42

		Total Load: 3379		3479		2387	
		Total Amps: 28.2 A		29.0 A		19.9 A	
Panel Totals				Panel Totals			
Total Conn. Load: 9245 VA				Total Conn.: 25.7 A			

[illegible]

Ross & Baruzzini

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VA U.S. Department
of Veterans Affairs

BUILDING PK - ELECTRICAL SCHEDULE AND DIAGRAMS

Approved: Project Director

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location	3200 VINE ST., CINCINNATI, OH
----------	-------------------------------

Issue Date	04-MAY-2022
------------	-------------

Checked

Drawn	
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Project Number
539-21-701

Building Number
PK

Drawing Number

EP-660-C.PK



GENERAL NOTES

1. REFER TO TECHNOLOGY DRAWINGS FOR TR GROUNDING REQUIREMENTS.
2. CONTRACTOR TO PROVIDE REMOTE SPD'S FOR ALL PANELS. PROVIDE SPD MANUFACTURE RECOMMENDED 3 POLE CIRCUIT BREAKER. PROVIDE ALL WIRING AND CONDUIT FOR SPD'S.
3. CONTRACTOR TO PROVIDE METERS PER SPECS FOR ALL PANELS.

KEYED NOTES

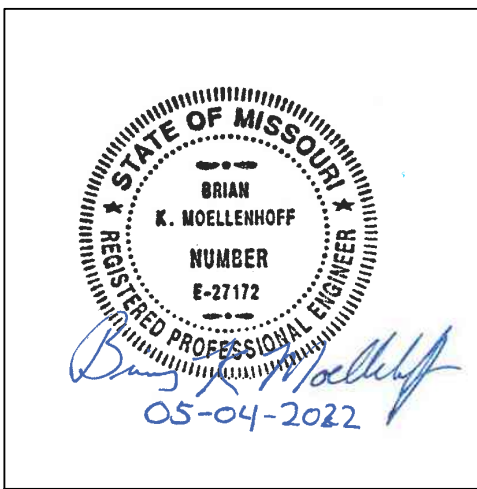
- 1 PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD. MATCH KAIC RATING.
- 2 PROVIDE NEW SPLIT BREAKER (CUTLER HAMMER BD2020 A2020) RELOCATE EXISTING CIRCUITS TO ALLOW FOR NEW 2 POLE BREAKER. (EXISTING PANEL HAS 1 SPACE)
- 3 PROVIDE NEW PANELBOARD, SPD, METER, AND FEEDER TO PANELBOARD.

[illegible]

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Construction
and Facilities
Management



U.S. Department
of Veterans Affairs

Drawing Title	
BUILDING TB - ELECTRICAL SCHEDULE AND DIAGRAMS	
Approved: Project Director	

Phase	100% CONSTRUCTION DOCUMENTS
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FULLY SPRINKLERED

Project Title	CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
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Location	3200 VINE ST., CINCINNATI, OH
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Issue Date	04-MAY-2022
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Checked
BKM

M DES	Project Number 539-21-701
	Building Number ET TB

Drawing Number

EP-665-C.TB



GENERAL NOTES

1. REFER TO TECHNOLOGY DRAWINGS FOR TR GROUNDING REQUIREMENTS.
2. CONTRACTOR TO PROVIDE REMOTE SPD'S FOR ALL PANELS. PROVIDE SPD MANUFACTURE RECOMMENDED 3 POLE CIRCUIT BREAKER. PROVIDE ALL WIRING AND CONDUIT FOR SPD'S.
3. CONTRACTOR TO PROVIDE METERS PER SPECS FOR ALL PANELS.

KEYED NOTES

- 1 PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD. MATCH KAIC RATING.
- 2 PROVIDE NEW PANELBOARD, SPD, METER, AND FEEDER TO PANELBOARD.

Branch Panel:TN-TB-105ACONSULTANT

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of Veterans Affairs

Drawing Title

BUILDING TE - ELECTRICAL SCHEDULE AND DIAGRAMS

Approved: Project Director

Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location	3200 VINE ST., CINCINNATI, OH
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Issue Date	04-MAY-2022
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BKM

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Project Number

539-21-701

Building Number

Drawing Number

EP-670-C.TE



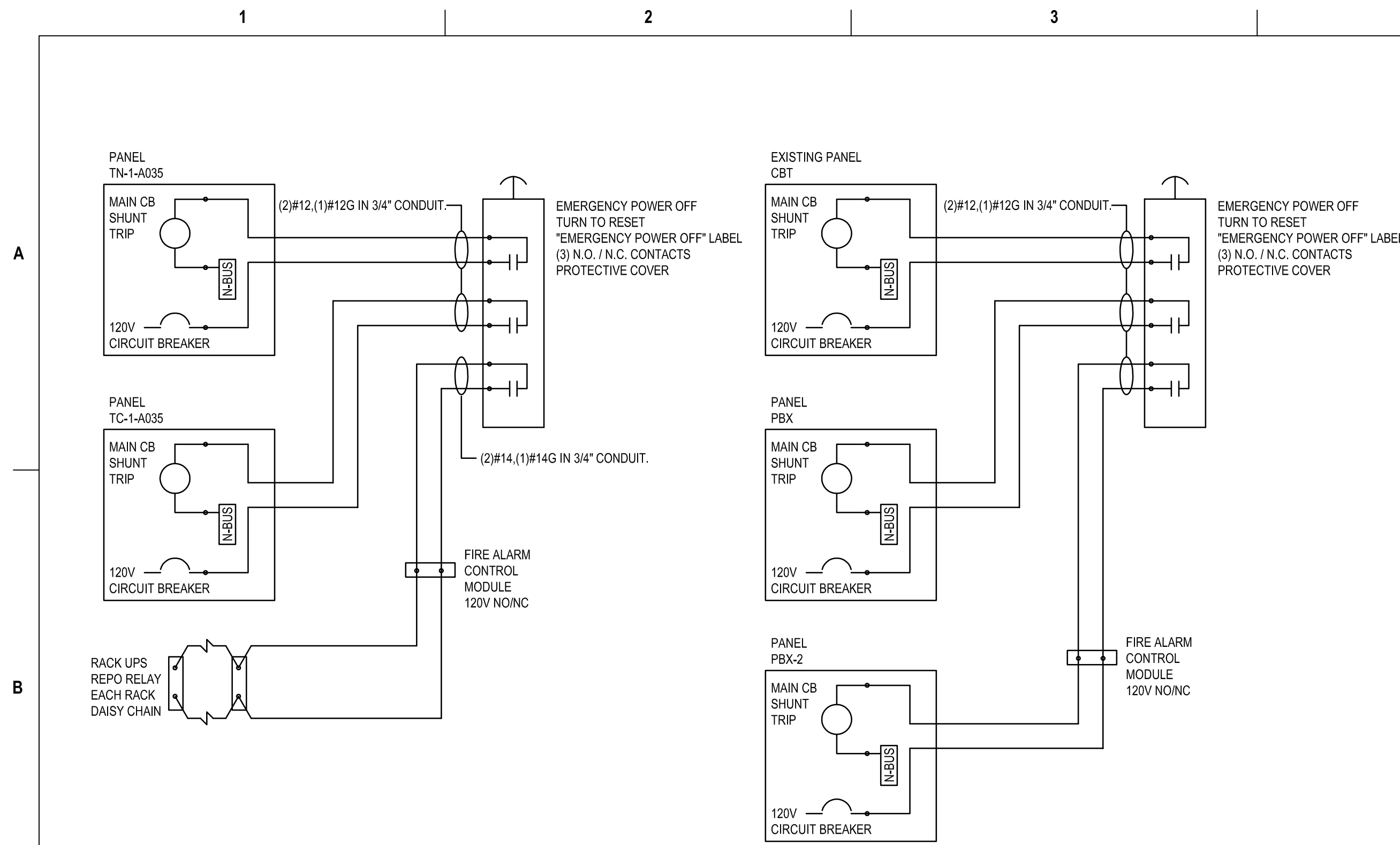
GENERAL NOTES

PULLBOX DETAIL GENERAL NOTES:

- SEE CONDUIT FEEDER ROUTE SCHEDULE FOR FURTHER DETAIL.
- TN AND TC FEEDERS SHALL BE KEPT IN SEPARATE CONDUITS AND SEPARATE PULLBOXES.

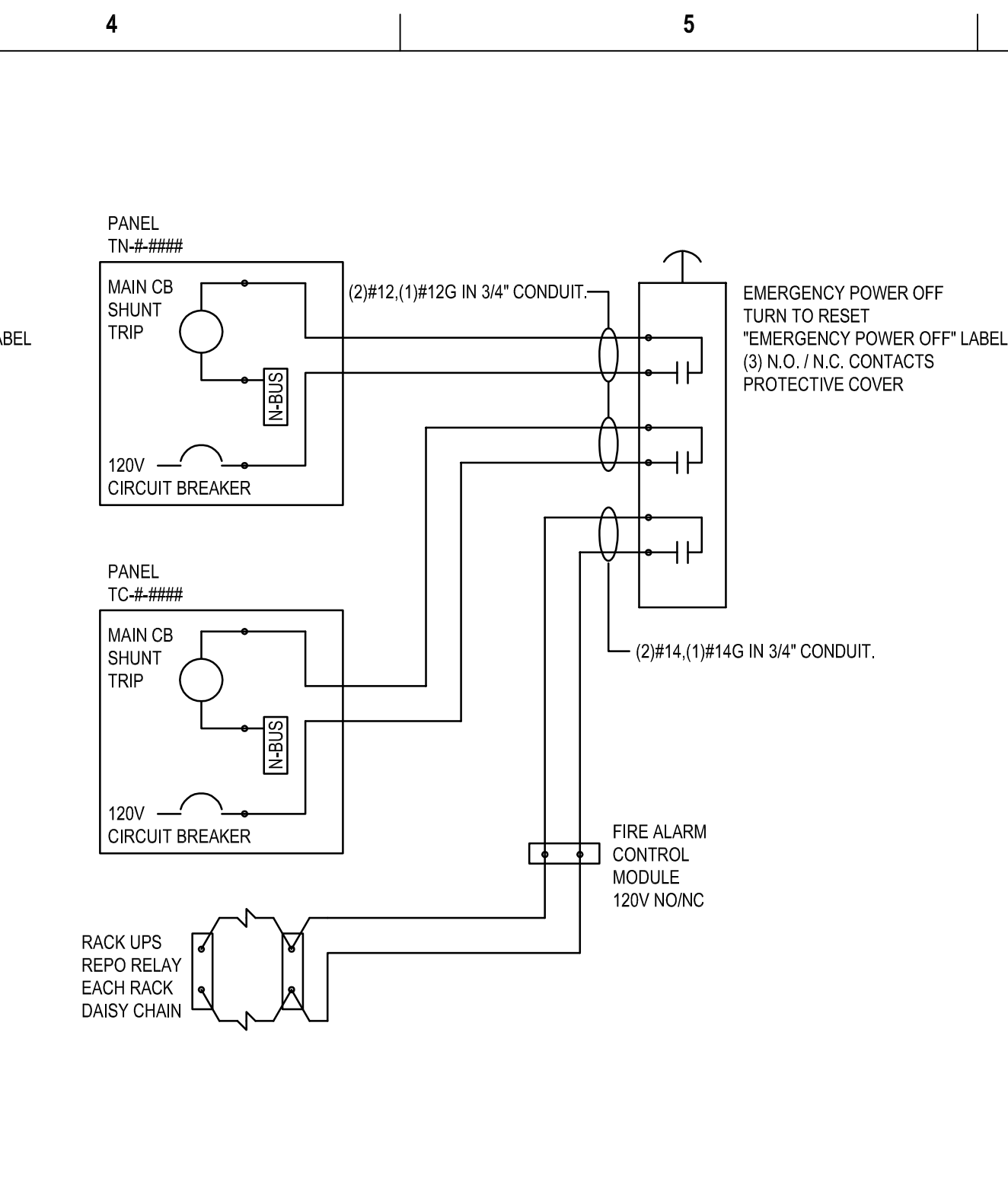
KEYED NOTES

- ROUTE INCOMING (15) OF (17) TC PANEL FEEDERS FROM DISTRIBUTION BOARD TC-1-008 OVERHEAD TO EAST PULLBOX. (C236A AND C3006 FEEDERS NOT INCLUDED)
- (15) OF (17) TC PANEL FEEDERS ROUTE FROM EAST TO SOUTH PULLBOX AND DOWN THROUGH SOUTH PULLBOX TO SUB-BASEMENT. (C236A AND C3006 FEEDERS NOT INCLUDED)
- (8) TC PANEL FEEDERS TO RISER 106-1 FOR TR'S A144A, A311A, AND 4TH THROUGH 9TH FLOOR TR'S.
- (10) OF (17) TN PANEL FEEDERS FOR RISER 101-1 ROUTE UP FROM SUB-BASEMENT TO PULLBOX.
- (8) TN PANEL FEEDERS TO RISER 106-1 FOR TR'S A144A, A311A, AND 4TH THROUGH 9TH FLOOR TR'S.
- (2) TN PANEL FEEDERS FOR ROOMS C236A AND C3006. ROUTE FROM SOUTH TO EAST PULLBOX AND FEED OVERHEAD TO RISER 105-1.
- GENERATOR CONTROL WIRING. 1 INCH CONDUIT FROM NEW ATS TO PARALLEL GEAR FEEDS DOWN TO SUB-BASEMENT ADJACENT TO PULLBOX.
- BOTH TC-1-C008 AND TN-1-A023 SHALL BE TOP-FED WITH (2) 4 INCH CONDUITS INCOMING POWER FEEDERS. SEE CONDUIT FEEDER ROUTE SCHEDULE FOR FURTHER DETAIL.
- TC-1-C008 SHALL HAVE (17) CONDUIT FEEDERS FOR SERVING PANELS FED OUT TOP AND ROUTED OVERHEAD. NOT ALL CONDUITS SHOWN IN DETAIL.
- TN-1-A023 SHALL HAVE (15) CONDUITS FEEDERS FOR SERVING PANELS FED OUT OF BOTTOM AND ROUTED IN SUB-BASEMENT. TN PANELS FOR A0005 AND A2006A ARE FED FROM DPLF.
- PROVIDE (2) WALL-MOUNT PULL BOXES ON SOUTH WALL OF A/C SHAFT. ONE PULL BOX SHALL BE USED FOR THE TN PANEL FEEDERS AND THE OTHER PULL BOX SHALL BE USED FOR THE TC PANEL FEEDERS. SEE CONDUIT ROUTE FEEDER SCHEDULE (EP-617).
- PROVIDE (2) WALL-MOUNT PULL BOXES ON WEST WALL INSIDE A/C SHAFT. ONE PULL BOX SHALL BE USED FOR THE TN PANEL FEEDERS AND THE OTHER PULL BOX SHALL BE USED FOR THE TC PANEL FEEDERS. CONDUIT RISER 101-1 SHALL ROUTE DOWN FROM THESE PULL BOXES INTO SUB-BASEMENT. SEE CONDUIT ROUTE FEEDER SCHEDULE (EP-617).



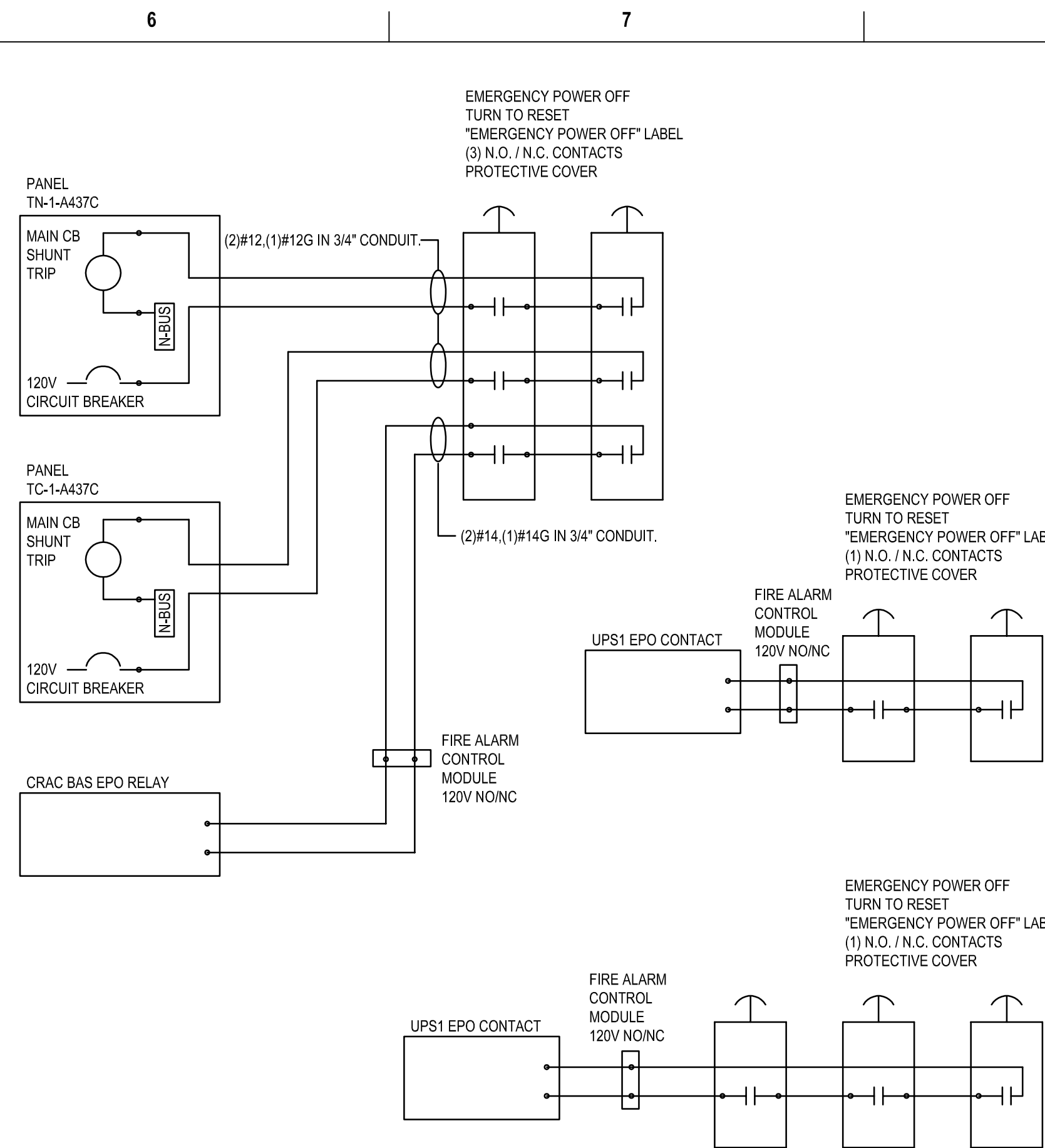
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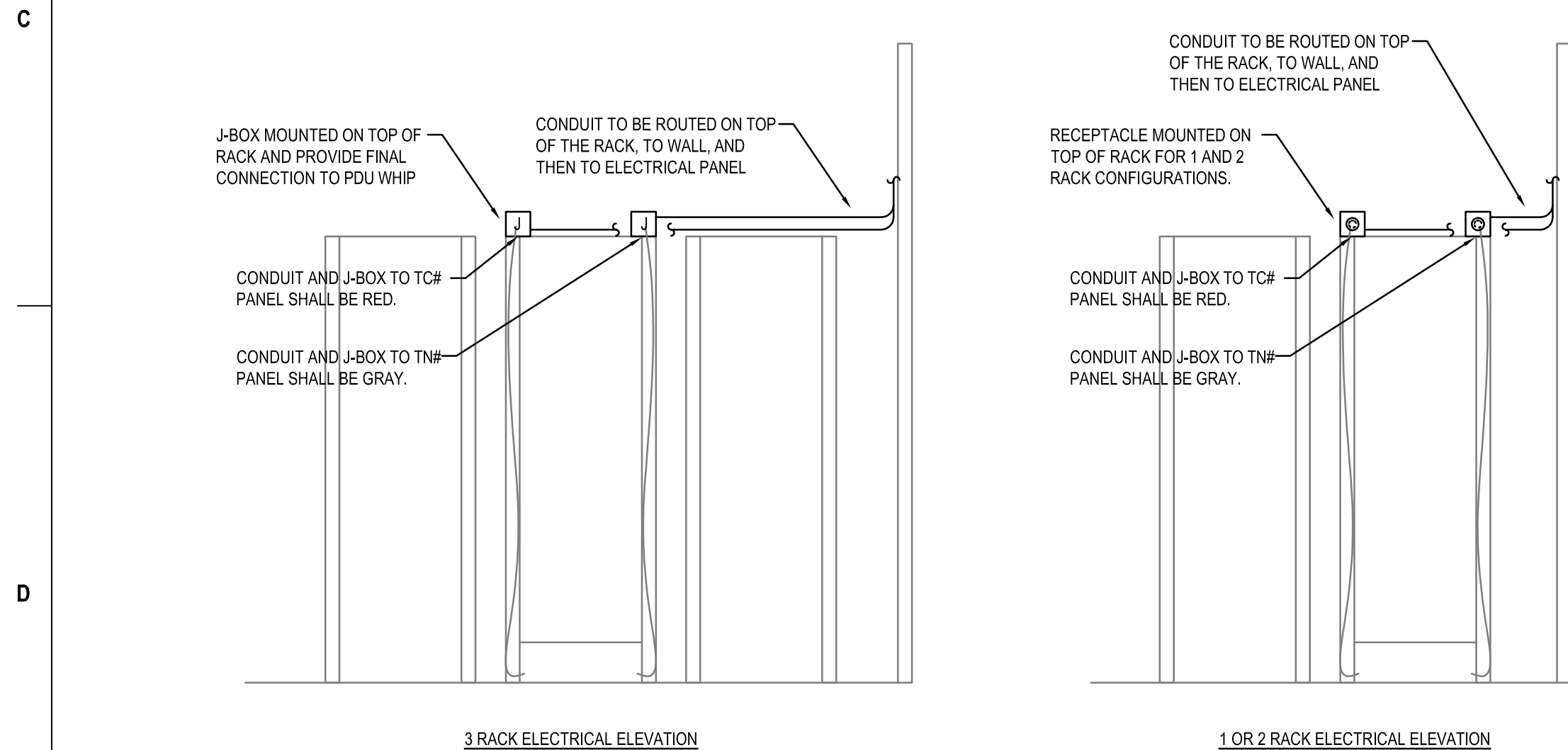
2 TYPICAL EPO DIAGRAM

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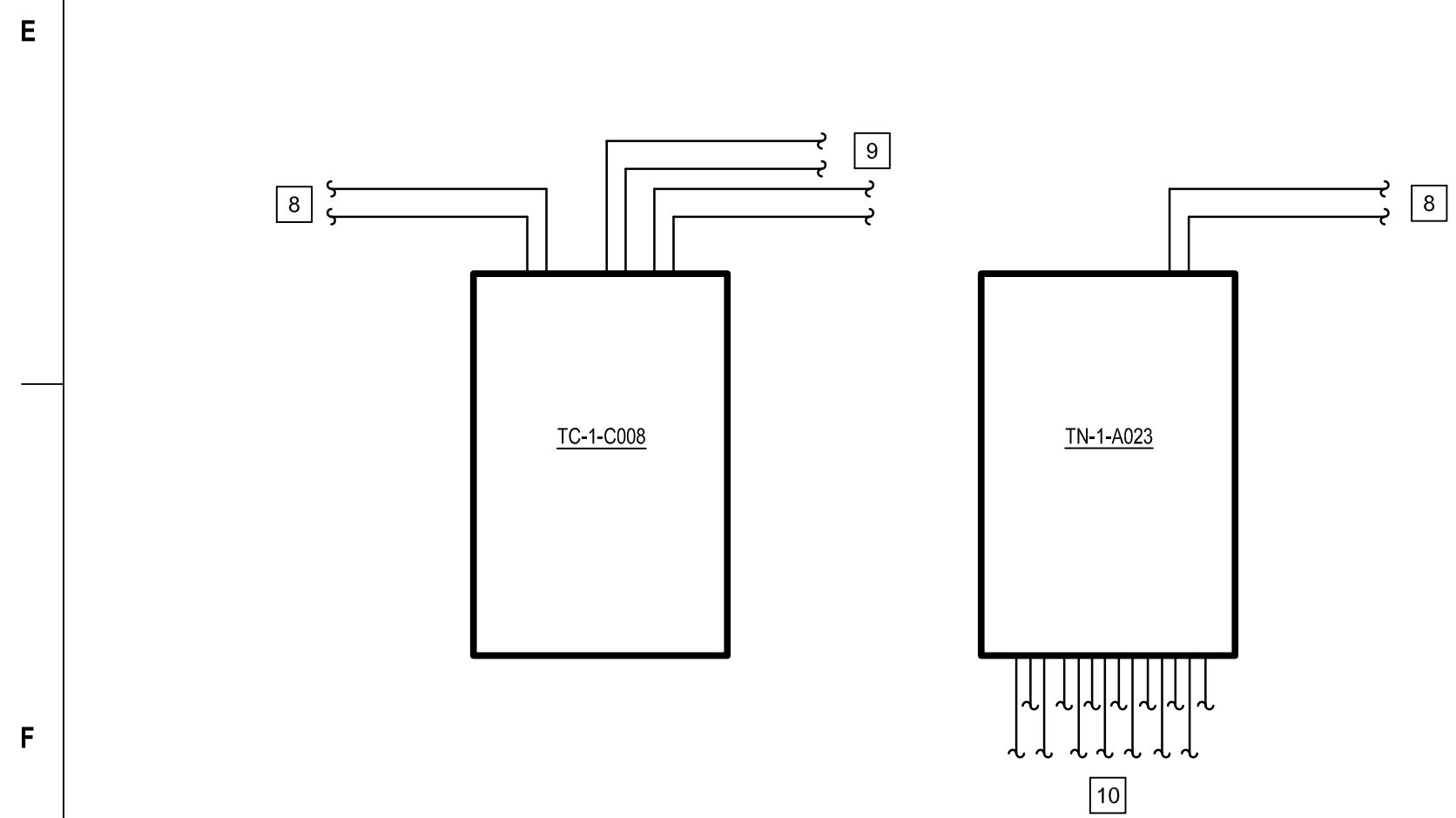
5 A437C EPO DIAGRAM

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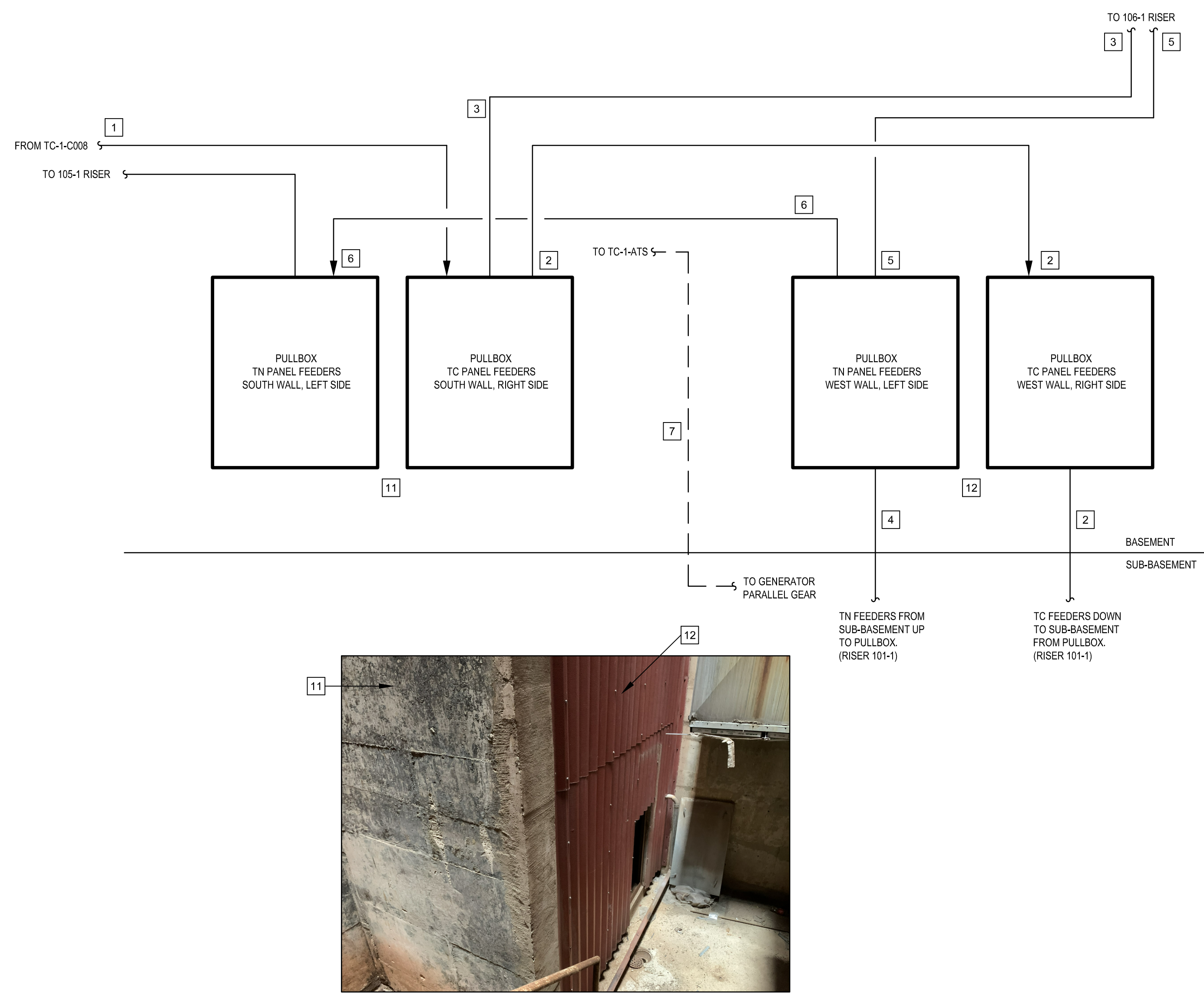
3 RACK ELECTRICAL ELEVATION

Scale: NOT TO SCALE



5 TN/TC PANEL DETAIL

Scale: NOT TO SCALE



4 BASEMENT AREA 4 - PULLBOXES DETAIL

Scale: NOT TO SCALE

Revisions:	Date:

CONSULTANT

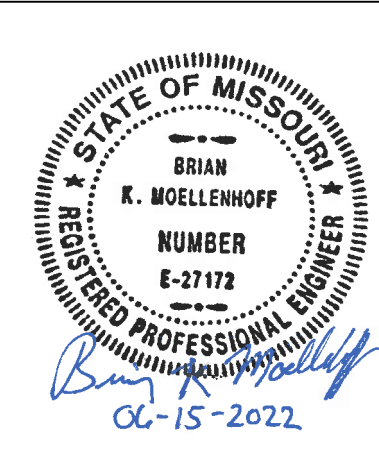
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Construction
and Facilities
Management

VA

U.S. Department
of Veterans Affairs

Drawing Title

ELECTRICAL DIAGRAM

Approved: Project Director

Phase

100% CONSTRUCTION
DOCUMENTS

FULLY SPRINKLERED

Project Title

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location

3200 VINE ST., CINCINNATI, OH

Issue Date

15-JUNE-2022

Checked

BKM

Drawn

CB

Project Number

539-21-701

Building Number

Drawing Number
















EP-680

TECHNOLOGY - GENERAL INFORMATION AND LEGEND

GENERAL NOTES

1. THE INFORMATION ON THIS SHEET APPLIES TO ALL OF THE TECHNOLOGY AND LOW VOLTAGE SYSTEMS REPRESENTED IN THIS SET OF DRAWINGS.
2. THESE DRAWINGS ARE COMPLEMENTARY TO THE SPECIFICATIONS. ITEMS REQUIRED BY EITHER THESE DRAWINGS OR SPECIFICATIONS ARE BINDING AS THOUGH THEY ARE REQUIRED BY BOTH. THE CONTRACTOR SHALL REVIEW THE SPECIFICATIONS IN DETAIL AND USE IN CONJUNCTION WITH THESE DRAWINGS.
3. THE CONTRACTOR SHALL COMPLETE ALL WORK INCLUDED IN THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL PHYSICALLY SURVEY AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION TO MINIMIZE UNFORESEEN CONDITIONS.
5. THE SCALE OF DRAWINGS IS PROVIDED AS A REFERENCE. THE CONTRACTOR IS RESPONSIBLE FOR CABLE LENGTHS, PATHWAY SIZING, DIMENSIONS, MEASUREMENTS, QUANTITIES, ETC.
6. THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL ITEMS OF CASEWORK, CEILINGS, AND MILLWORK.
7. CONDUIT, CABLE TRAY, J-HOOKS, AND OTHER CABLE SUPPORTS ARE SHOWN IN APPROXIMATE LOCATIONS. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES PRIOR TO INSTALLATION. CABLING SHALL NOT BE INSTALLED FREE ABOVE INACCESSIBLE CEILINGS, IT SHALL BE INSTALLED IN CONDUIT EVEN IF NOT SPECIFICALLY SHOWN ON THE DRAWINGS.
8. COMPONENTS AND INSTALLATION SHALL COMPLY WITH NFPA 70 "NATIONAL ELECTRICAL CODE". CROSS REFERENCE AND COORDINATE WITH ELECTRICAL DRAWINGS.
9. COORDINATE ALL SERVICE REQUIREMENTS WITHIN ITEMS OF MILLWORK, CASEWORK AND CEILINGS.
10. DISCREPANCIES OR CONFLICTS BETWEEN DRAWINGS AND SPECIFICATIONS SHALL BE CALLED TO THE ATTENTION OF THE DESIGN TEAM. DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS NOT CALLED TO THE ATTENTION OF THE DESIGN TEAM SHALL BE DEEMED TO HAVE BEEN RESOLVED WITHIN THE BID OR PROPOSAL AND THE CONTRACTOR SHALL PERFORM THE WORK IN THE IN THE MANNER, GREATER QUANTITY, BETTER QUALITY, IN ACCORDANCE WITH THE DESIGN TEAM'S INTERPRETATION.

LEGEND

	DATA OUTLET; LETTER INDICATES AS FOLLOWS: N = JACK QUANTITY
	COMBINED VOICE&DATA OUTLET; LETTER INDICATES AS FOLLOWS: N = JACK QUANTITY
	FLOOR BOX - OVER-COUNTER; LETTER INDICATES AS FOLLOWS: N = JACK QUANTITY
	DATA OUTLET - CEILING MOUNTED; LETTER INDICATES AS FOLLOWS: N = JACK QUANTITY
	WIRELESS ACCESS POINT
	EZ PATH FIRESTOP PENETRATION
	ELECTRICAL PANEL BOARD.
	TMGB - TELECOM MAIN GROUND BUS BAR
	BASKET CABLE TRAY
	NURSE'S CALL MASTER STATION MTD ON NURSE'S COUNTER TOP
	NURSE CALL TERMINAL CABINET
	NURSE CALL STATION. 2= DUPLICATE FACILITIES FOR TWO BEDS. D= DUTY STATION. E= MTD 6'-0" AFF FOR SHOWER LOCATION, MTD 4'-6" AFF FOR TUB LOCATION, MTD 3'-0" AFF FOR TOILET LOCATION. P= PSYCHIATRIC CORRIDOR STATION WITH KEY SWITCH. S= AUDIO VISUAL MALL STATION MTD 5'-0" AFF UNLESS OTHERWISE NOTED. U= UTILITY CALL STATION, MTD 5'-0" AFF UNLESS OTHERWISE NOTED.
	NURSE CALL STATION. 2= NURSE'S CALL DOME LIGHT. MTD 6" ABOVE DOOR. D= CORRIDOR DOME LIGHT. I= AUXILIARY INTERSECTIONAL DOME LIGHT.
	TELEPHONE TERMINAL CABINET
	TELEPHONE BACKBOARD (WALL MOUNTED)

ROUGH-IN AND SUPPORT NOTES

1. PROVIDE ALL BACKBOX AND CONDUIT ROUGH-IN AS INDICATED ON THE LEGENDS, FLOOR PLANS, RISER DIAGRAMS AND OTHER DRAWINGS. PROVIDE PULL STRINGS IN ALL CONDUITS. PROVIDE SMOOTH INSULATED BUSHINGS ON ALL CONDUITS.
2. PROVIDE ALL FLOOR AND WALL PENETRATIONS INCLUDING CONDUIT SLEEVES, FLOOR CORES, FLOOR BOXES, POKE-THRUS, CONDUITS, FIRE-RATED AND SMOKE-RATED SLEEVES. PROVIDE SPECIFIED FIRE RATED DEVICES PER THE NOTES ON THIS SHEET AND SPECIFICATION SECTIONS.
3. REFER TO THE ARCHITECTURAL ELEVATIONS AND DETAILS FOR THE EXACT HEIGHT AND PLACEMENT OF OUTLETS AND OTHER LOW VOLTAGE SYSTEM DEVICES PRIOR TO ROUGH-IN. ELECTRICAL CONTRACTOR TO LOCATE DATA OUTLET BACKBOX AT SAME HEIGHT AS CORRESPONDING ELECTRICAL OUTLET, EITHER BELOW OR ABOVE COUNTER, AT COUNTERTOP LOCATIONS. LOCATE ALL BACKBOXES AT FURNITURE LOCATIONS TO BE ACCESSIBLE AND TO MISS FURNITURE SUPPORT CHANNELS.
4. CONDUIT INSTALLED SHALL COMPLY WITH NEC REQUIREMENTS FOR CONDUIT INSTALLATION. PROVIDE PULLBOX ON CONDUIT RUNS EVERY 150', AFTER (2) 90 DEGREE BENDS AND AS OTHERWISE REQUIRED BY NEC.
5. ALL INTERIOR JUNCTION BOXES SHALL BE NEMA 1 RATED UNLESS OTHERWISE SPECIFIED. ALL EXTERIOR JUNCTION BOXES SHALL BE NEMA 4 RATED WITH HINGED COVERS UNLESS OTHERWISE SPECIFIED. USE MYERS HUB CONNECTORS AT EXTERIOR OR JUNCTION BOX LOCATIONS.
6. ELECTRICAL CONTRACTOR SHALL MOUNT THE DATA OUTLET AND ELECTRICAL OUTLET IN A RIGID BOX MOUNTING BRACKET TO ENSURE CONSISTENT SPACING THROUGHOUT.
7. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND VERIFYING PLACEMENT OF ALL OUTLETS, CONDUIT, FLOOR BOXES, POKE-THRUS, ETC. WITH THE FURNITURE OR EQUIPMENT SUPPLIER TO ENSURE PROPER PLACEMENT WITH INSTALLED DEVICES. ADDITIONAL CHARGES FOR RELOCATING OUTLETS, CONDUIT, FLOOR BOXES, ETC. NOT PROPERLY COORDINATED OR INSTALLED WILL NOT BE ACCEPTED.
8. PROVIDE GROUNDING PER THE GROUNDING DETAILS IN THE DRAWINGS AND SPECIFICATIONS.
9. PRIOR TO INSTALLING ANY ELECTRICAL CONNECTIONS IN THE TR'S, COORDINATE THE EXACT POWER RECEPTACLE TYPES, LOCATIONS, PANEL LOCATIONS AND CONDUIT ROUTING WITH THE CONSULTANT.
10. SUPPORT ALL CABLE TRAY FROM STRUCTURE AT A MINIMUM OF 8'-0" ON CENTER AND WITHIN 1'-0" OF EACH END WITH TWO 1/2" DIAMETER ALL THREAD RODS AND HANGER KITS. USE TRAPEZE HANGER FOR CABLE TRAY; DO NOT CENTER MOUNT OR WALL MOUNT TRAY. HANGER SHALL SUPPORT FULL WIDTH OF CABLE TRAY AND BE HUNG FROM CEILING WITH ALL THREAD RODS. FOR HORIZONTAL TEE'S AND 90 DEGREE TURNS, FIELD CUT AND FABRICATE. PROVIDE RADIAL SWEEPING TURNS.
11. COORDINATE CABLE TRAY INSTALLATION WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, DUCTWORK, CONDUITS, PIPING AND ALL OTHER TRADES PRIOR TO ORDERING AND INSTALLING.

ABBREVIATIONS

AC	ABOVE COUNTER
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
AER	AERIAL
A.W.G.	AMERICAN WIRE GAUGE
CC	CONTRACTOR FURNISHED AND INSTALLED
CER	CABLE ENTRANCE ROOM (ER NOT USED IN HEALTHCARE)
CLG	ABOVE CEILING
CMP	COMMUNICATIONS MULTIPURPOSE CABLE, PLENUM
CMR	COMMUNICATIONS MULTIPURPOSE CABLE, RISER
C.O.R.	CONTRACT OFFICER REPRESENTATIVE
DEMARC	DEMARICATION POINT
DEMO	DEMOLITION
DIAG	DIAGRAM
DISTR	DISTRIBUTION
(E)	EXISTING
EMT	ELECTRIC METAL TUBING
ELEC	ELECTRIC OR ELECTRICAL
ELEV	ELEVATION
EMER	EMERGENCY
F.O.C.	FIBER OPTIC CABLE
GFE	GOVERNMENT FURNISHED EQUIPMENT
GFCI	GOVERNMENT FURNISHED, CONTRACTOR INSTALLED (VC)
GFGI	GOVERNMENT FURNISHED AND INSTALLED (VV)
GIP	GALVANIZED IRON PIPE
GTB	GROUND TERMINAL BOX
HE	HEAD-END (PA, INTERCOM)
HDPE	HIGH DENSITY POLYETHYLENE
IMC	INTERMEDIATE METAL CONDUIT
ISP	INSIDE CABLE PLANT
IDF	INTERMEDIATE DISTRIBUTION FRAME (NOT USED)
-BOX	JUNCTION BOX
MDF	MAIN DISTRIBUTION FRAME (NOT USED)
MH	MAINTENANCE HOLE (FORMERLY MANHOLE)
MM	MULTI MODE
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
N	NEUTRAL
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
OFCP	OPTICAL FIBER CONDUCTIVE, PLENUM
OFCR	OPTICAL FIBER CONDUCTIVE, RISER
OFNP	OPTICAL FIBER NONCONDUCTIVE, PLENUM
OFNR	OPTICAL FIBER NONCONDUCTIVE, RISER
OSP	OUTSIDE CABLE PLANT
PB	PULL BOX
PR	PAIR
PVC	POLYVINYL CHLORIDE
RSC	RIGID STEEL CONDUIT
SM	SINGLE MODE
SP	SERVICE PROVIDER
STD	STANDARD
STP	SHIELDED TWISTED PAIR
TB	TERMINAL BLOCK
TR	TELECOMMUNICATIONS ROOM
TYP	TYPICAL
TZ	TELECOMMUNICATIONS ZONE
UG	UNDERGROUND
UGC	UNDERGROUND COMMUNICATIONS CABLE
UON	UNLESS OTHERWISE NOTED
UTP	UNSHIELDED TWISTED PAIR
VC	GOVERNMENT FURNISHED, CONTRACTOR INSTALLED (GFCI)
VV	GOVERNMENT FURNISHED AND INSTALLED (GFGI)
WP	WEATHERPROOF

PHASING PLAN

1. GENERAL CONSTRUCTION
- 1.1. DEMOLITION
- 1.1.1. THE CONTRACTOR SHALL COORDINATE WITH THE C.O.R. TO MAKE SAFE ALL THAT WILL NOT BE REMOVED DURING DEMOLITION.
- 1.1.2. EXISTING CABLES, MODULAR JACKS, FACEPLATES, AND PATCH CABLES MAY NOT BE REMOVED UNTIL AFTER CUT-OVER TO THE NEW CABLE SYSTEM IS COMPLETE. CUT-OVER MAY BE BY ZONE, FLOOR, BUILDING, ETC. AND SHALL BE COORDINATED WITH THE C.O.R. PRIOR TO WORK BEING PERFORMED.
- 1.1.3. EXISTING PATCH PANELS, PATCH CABLES, EQUIPMENT RACKS, ETC., MAY BE "FLOATED" DURING CONSTRUCTION AND REMOVED AFTER CUT-OVER IS COMPLETE.
- 1.2. CONSTRUCTION
- 1.1.1. CONTRACTOR SHALL INSTALL AND "BUILD-OUT" TR EQUIPMENT RACKS, CABLE TRAYS, AND FITTINGS TO THE EXTENT POSSIBLE. FINAL INSTALLATION MAY NOT BE COMPLETE UNTIL AFTER FINAL CUT-OVER OF THE CONSTRUCTION AREA IS COMPLETE.
- 1.1.2. INSTALL FIBER OPTIC BACKBONE RISER CABLES TO THE TR(S) IN CONSTRUCTION AREA.
- 1.1.3. INSTALL HORIZONTAL CATEGORY 6A CABLES FROM WORK AREAS TO THE TR(S) IN THE CONSTRUCTION AREA.
- 1.1.4. CONTRACTOR SHALL TEST AND CERTIFY 100% OF INSTALLED HORIZONTAL CABLES.
2. DATA CENTER CONSTRUCTION
- 2.1. DEMOLITION
- 2.1.1. REMOVAL OF EXISTING CABINETS AND ABANDONED CABLING WILL FOLLOW CUT-OVER TO NEW CABLE SYSTEMS AND RELOCATION OF EQUIPMENTS TO NEW CABINETS.
- 2.1.2. CONTRACTOR WILL REMOVE "OLD CABINETS" AS THEY ARE EMPTIED.
- 2.1.3. "OLD" CABINETS WILL BE MOVED TO A STAGING AREA FOR DISPOSAL. THE CONTRACTOR SHALL COORDINATE WITH THE C.O.R. PRIOR TO BEGINNING WORK.
- 2.2. CONSTRUCTION
- 2.2.1. CONTRACTOR SHALL INSTALL CABINETS, EQUIPMENT RACKS, CABLE TRAYS AND FITTINGS.
- 2.2.2. CONTRACTOR SHALL INSTALL BACKBONE CABLES FROM THE TR(S).
- 2.2.3. CONTRACTOR SHALL TEST AND CERTIFY 100% OF BACKBONE CABLE.
- 2.2.4. CONTRACTOR SHALL PROVIDE FIBER OPTIC PATCH CABLES PRIOR TO MOVING EQUIPMENT TO NEW CABINETS.
3. CLOSEOUT (COMMISSIONING)
- 3.0.1. CONTRACTOR SHALL PERFORM TESTING AND CERTIFICATION IN ACCORDANCE WITH SPECIFICATION 27 08 00.
- 3.0.2. CONTRACTOR SHALL PROVIDE TEST DOCUMENTATION AND AS-BUILT DRAWINGS AS SPECIFIED.

Revisions:	Date:

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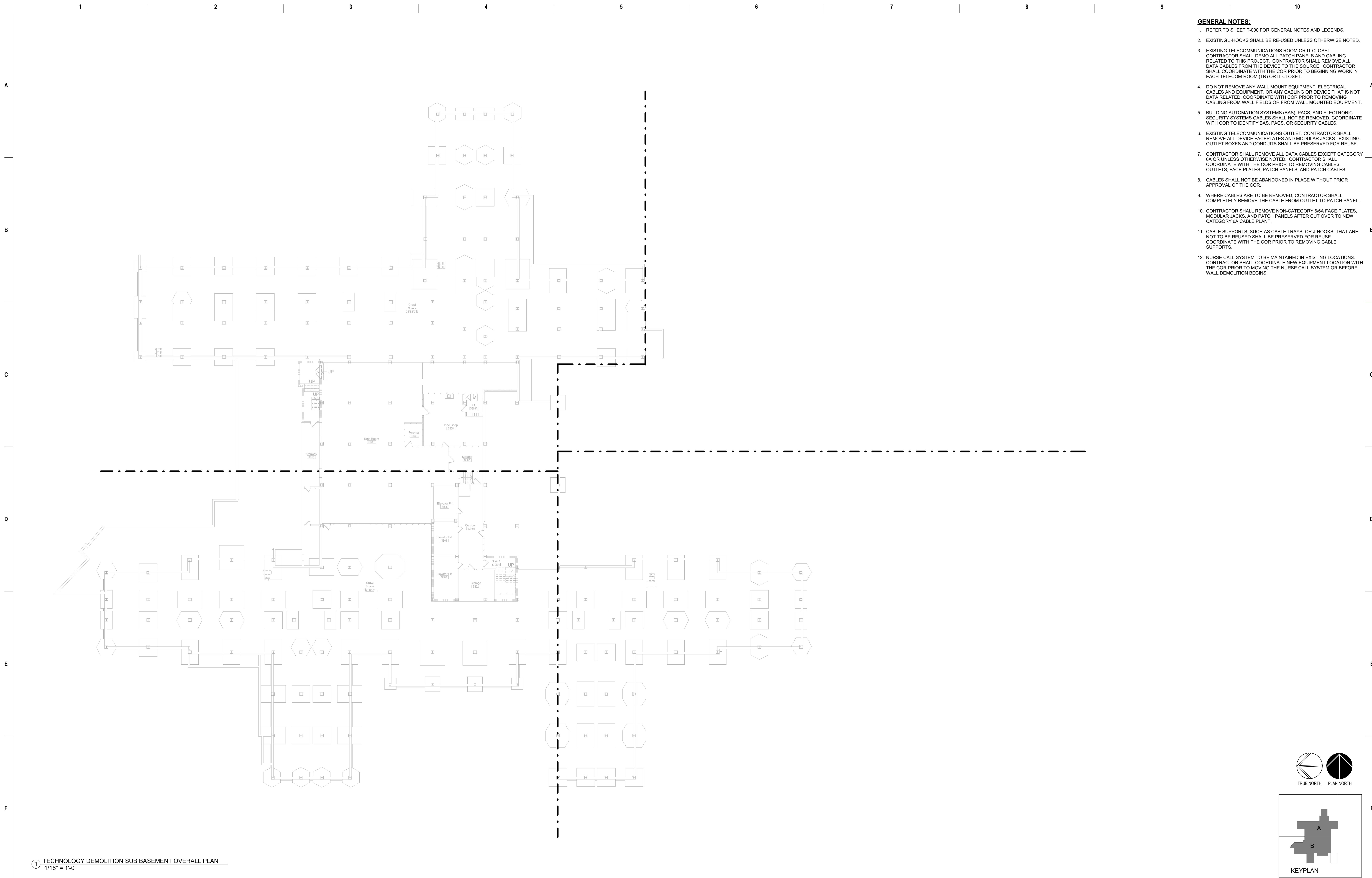
Drawing Title
TECHNOLOGY GENERAL INFORMATION
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title
CINNINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
Location
3200 VINE ST., CINNINNATI, OH
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Checked
RMJr
Drawn
VV

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539-21-701
Building Number

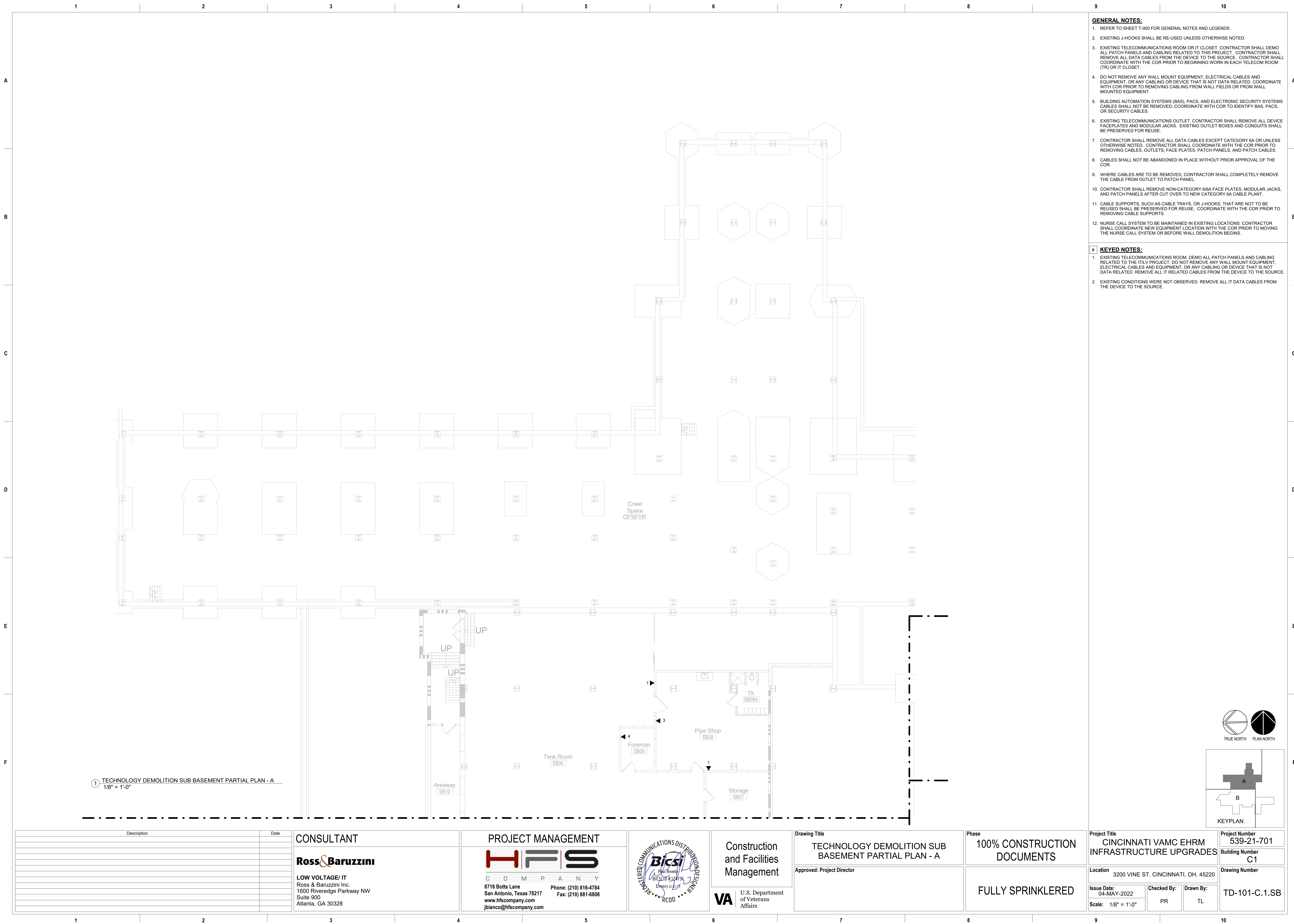
Drawing Number
T-000



- GENERAL NOTES:**
1. REFER TO SHEET T-000 FOR GENERAL NOTES AND LEGENDS.
 2. EXISTING J-HOOKS SHALL BE RE-USED UNLESS OTHERWISE NOTED.
 3. EXISTING TELECOMMUNICATIONS ROOM OR IT CLOSET.
CONTRACTOR SHALL DEMO ALL PATCH PANELS AND CABLING RELATED TO THIS PROJECT. CONTRACTOR SHALL REMOVE ALL DATA CABLES FROM THE DEVICE TO THE SOURCE. CONTRACTOR SHALL COORDINATE WITH THE COR PRIOR TO BEGINNING WORK IN EACH TELECOM ROOM (TR) OR IT CLOSET.
 4. DO NOT REMOVE ANY WALL MOUNT EQUIPMENT, ELECTRICAL CABLES AND EQUIPMENT, OR ANY CABLING OR DEVICE THAT IS NOT DATA RELATED. COORDINATE WITH COR PRIOR TO REMOVING CABLING FROM WALL FIELDS OR FROM WALL MOUNTED EQUIPMENT.
 5. BUILDING AUTOMATION SYSTEMS (BAS), PACS, AND ELECTRONIC SECURITY SYSTEMS CABLES SHALL NOT BE REMOVED. COORDINATE WITH COR TO IDENTIFY BAS, PACS, OR SECURITY CABLES.
 6. EXISTING TELECOMMUNICATIONS OUTLET. CONTRACTOR SHALL REMOVE ALL DEVICE FACEPLATES AND MODULAR JACKS. EXISTING OUTLET BOXES AND CONDUITS SHALL BE PRESERVED FOR REUSE.
 7. CONTRACTOR SHALL REMOVE ALL DATA CABLES EXCEPT CATEGORY 6A OR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE WITH THE COR PRIOR TO REMOVING CABLES, OUTLETS, FACE PLATES, PATCH PANELS, AND PATCH CABLES.
 8. CABLES SHALL NOT BE ABANDONED IN PLACE WITHOUT PRIOR APPROVAL OF THE COR.
 9. WHERE CABLES ARE TO BE REMOVED, CONTRACTOR SHALL COMPLETELY REMOVE THE CABLE FROM OUTLET TO PATCH PANEL.
 10. CONTRACTOR SHALL REMOVE NON-CATEGORY 6A FACE PLATES, MODULAR JACKS, AND PATCH PANELS AFTER CUT OVER TO NEW CATEGORY 6A CABLE PLANT.
 11. CABLE SUPPORTS, SUCH AS CABLE TRAYS, OR J-HOOKS, THAT ARE NOT TO BE REUSED SHALL BE PRESERVED FOR REUSE. COORDINATE WITH THE COR PRIOR TO REMOVING CABLE SUPPORTS.
 12. NURSE CALL SYSTEM TO BE MAINTAINED IN EXISTING LOCATIONS. CONTRACTOR SHALL COORDINATE NEW EQUIPMENT LOCATION WITH THE COR PRIOR TO MOVING THE NURSE CALL SYSTEM OR BEFORE WALL DEMOLITION BEGINS.

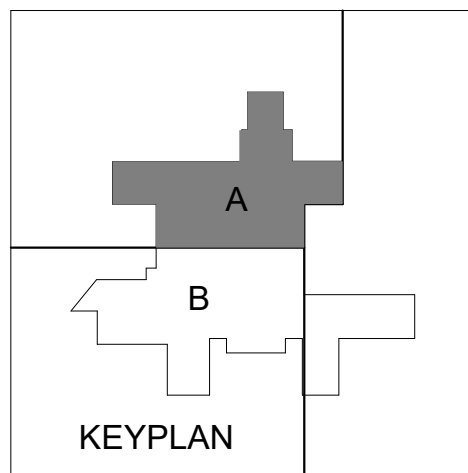
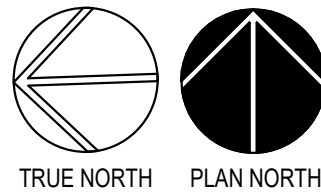
1 TECHNOLOGY DEMOLITION SUB BASEMENT OVERALL PLAN
1/16" = 1'-0"

Description		Date	CONSULTANT		PROJECT MANAGEMENT		Drawing Title		Phase		Project Title		Project Number	
			Ross & Baruzzini		HFS		TECHNOLOGY DEMOLITION SUB BASEMENT OVERALL PLAN		100% CONSTRUCTION DOCUMENTS		CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES		539-21-701	
			LOW VOLTAGE/ IT Ross & Baruzzini Inc. 1600 Riveredge Parkway NW Suite 900 Atlanta, GA 30328		C O M P A N Y 8718 Botts Lane San Antonio, Texas 78217 www.hfscorporation.com jbianco@hfscorporation.com		Approved: Project Director		FULLY SPRINKLERED		Location 3200 VINE ST. CINCINNATI, OH. 45220		Building Number C1	
											Issue Date: 04-MAY-2022		Drawing Number TD-100-C.1.SB	
											Scale: 1/16" = 1'-0"			
											Checked By: PR			
											Drawn By: TL			



- GENERAL NOTES:**
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 - EXISTING TELECOMMUNICATIONS ROOM OR IT CLOSET. CONTRACTOR SHALL DEMO ALL PATCH PANELS AND CABLING RELATED TO THIS PROJECT. CONTRACTOR SHALL REMOVE ALL DATA CABLES FROM THE DEVICE TO THE SOURCE. CONTRACTOR SHALL COORDINATE WITH THE COR PRIOR TO BEGINNING WORK IN EACH TELECOM ROOM (TR) OR IT CLOSET.
 - DO NOT REMOVE ANY WALL MOUNT EQUIPMENT. ELECTRICAL CABLES AND EQUIPMENT, OR ANY CABLING OR DEVICE THAT IS NOT DATA RELATED. COORDINATE WITH COR PRIOR TO REMOVING CABLING FROM WALL FIELDS OR FROM WALL MOUNTED EQUIPMENT.
 - BUILDING AUTOMATION SYSTEMS (BAS), PACS, AND ELECTRONIC SECURITY SYSTEMS CABLES SHALL NOT BE REMOVED. COORDINATE WITH COR TO IDENTIFY BAS, PACS, OR SECURITY CABLES.
 - EXISTING TELECOMMUNICATIONS OUTLET. CONTRACTOR SHALL REMOVE ALL DEVICE FACEPLATES AND MODULAR JACKS. EXISTING OUTLET BOXES AND CONDUITS SHALL BE PRESERVED FOR REUSE.
 - CONTRACTOR SHALL REMOVE ALL DATA CABLES EXCEPT CATEGORY 6A OR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE WITH THE COR PRIOR TO REMOVING CABLES, OUTLETS, FACE PLATES, PATCH PANELS, AND PATCH CABLES.
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- KEYED NOTES:**
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 - EXISTING CONDITIONS WERE NOT OBSERVED. REMOVE ALL IT DATA CABLES FROM THE DEVICE TO THE SOURCE.



Description	Date

CONSULTANT

Ross & Baruzzini

LOW VOLTAGE/ IT
Ross & Baruzzini Inc.
1600 Riveredge Parkway NW
Suite 900
Atlanta, GA 30328

PROJECT MANAGEMENT

HFS

C O M P A N Y
8718 Botts Lane
San Antonio, Texas 78217
www.hfscorporation.com
Phone: (210) 816-4784
Fax: (210) 881-6808
jbianco@hfscorporation.com



Construction
and Facilities
Management



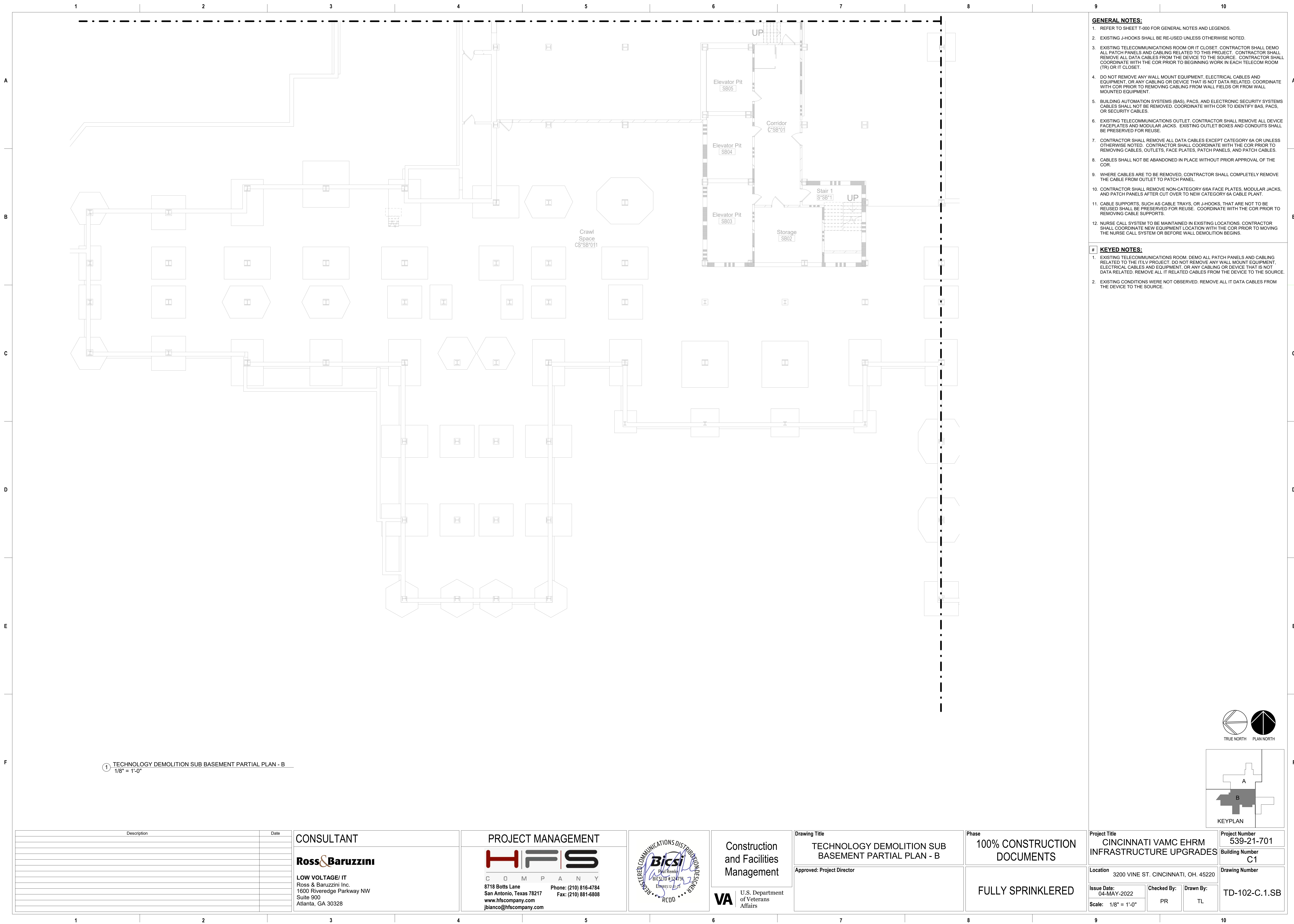
U.S. Department
of Veterans
Affairs

Drawing Title
TECHNOLOGY DEMOLITION SUB BASEMENT PARTIAL PLAN - A
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

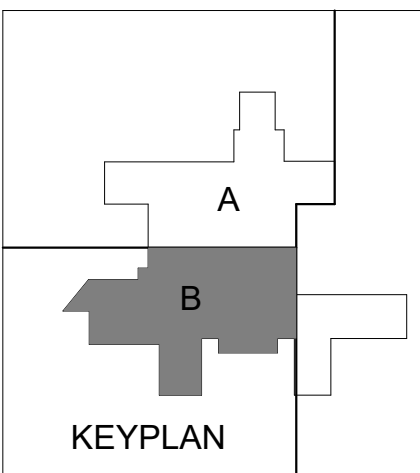
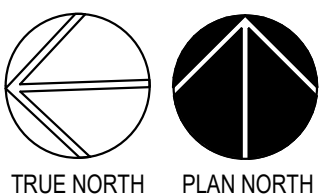
Project Title
CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
Location
3200 VINE ST. CINCINNATI, OH. 45220
Issue Date:
04-MAY-2022
Scale:
1/8" = 1'-0"
Checked By:
PR
Drawn By:
TL

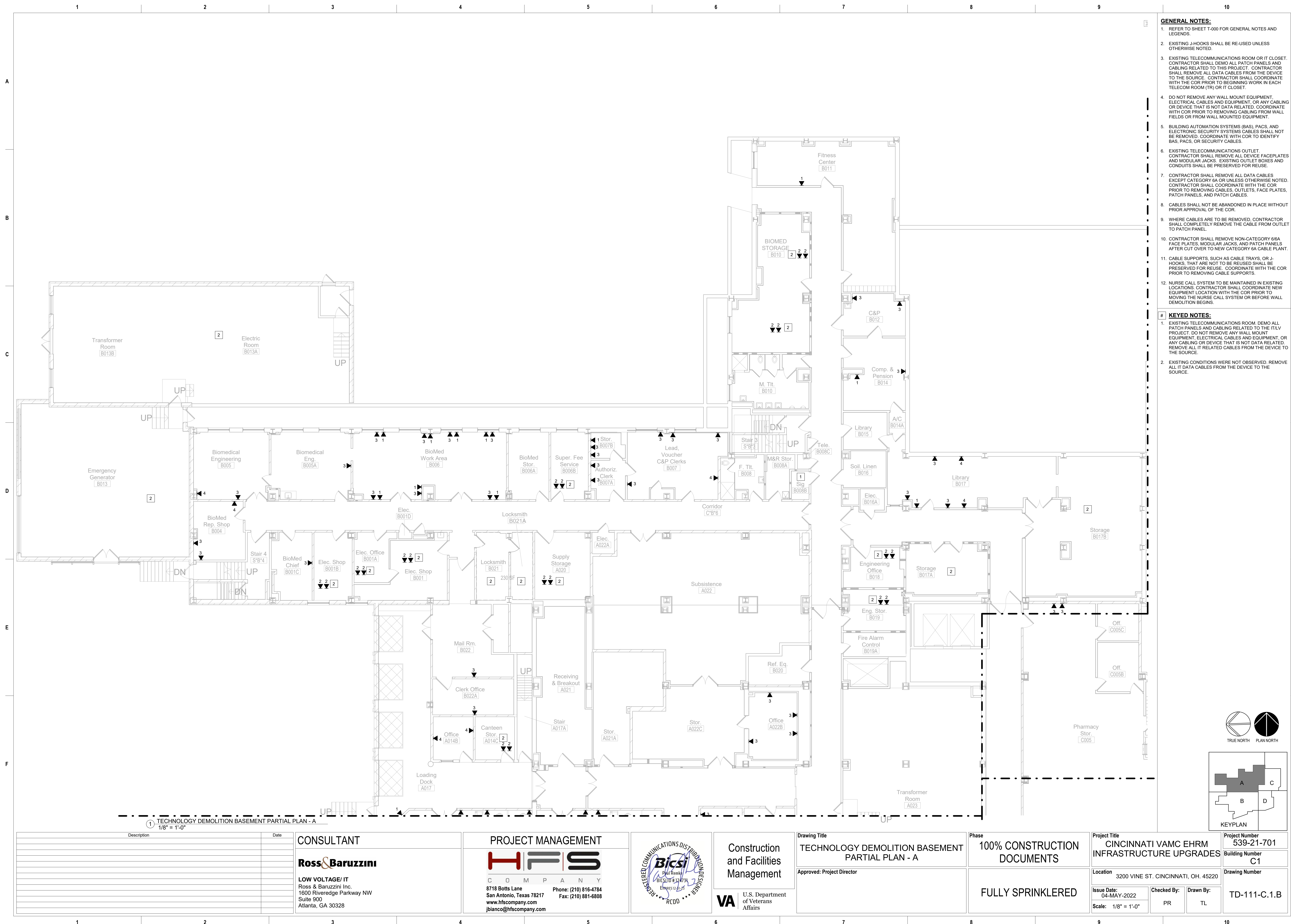
Project Number
539-21-701
Building Number
C1
Drawing Number
TD-101-C.1.SB



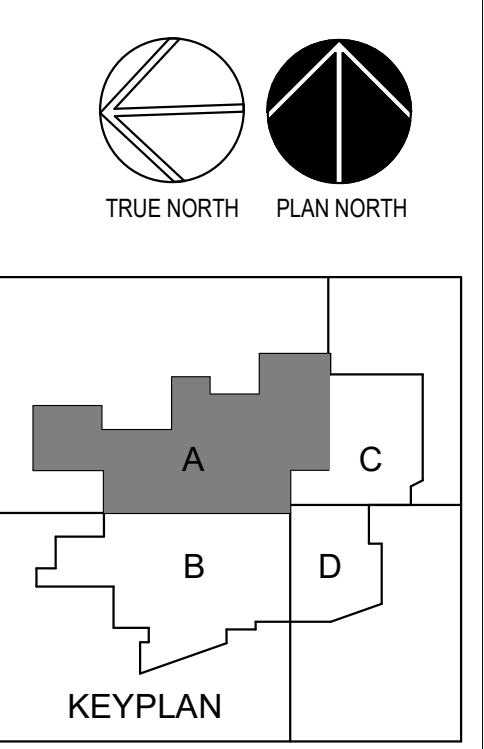
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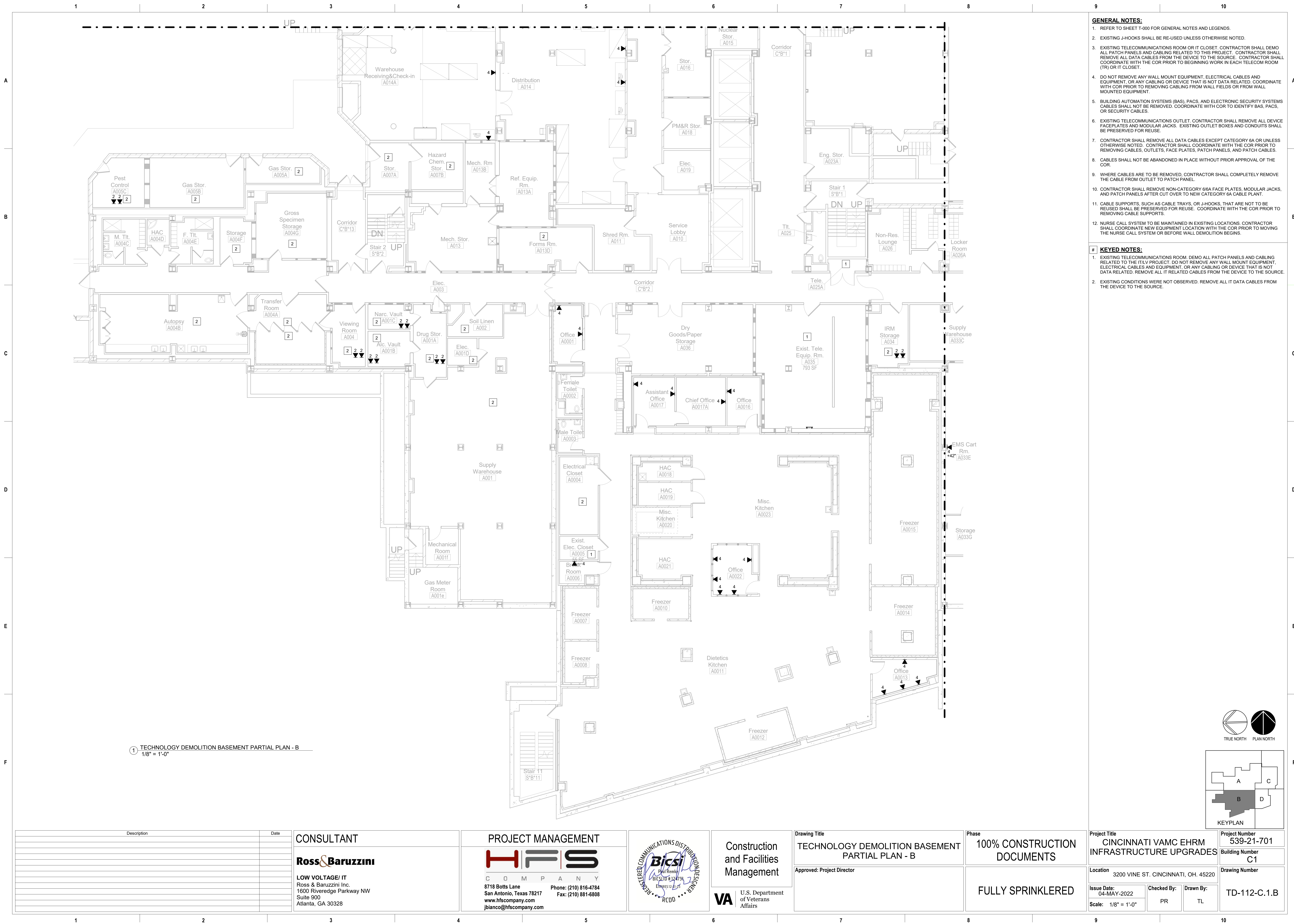


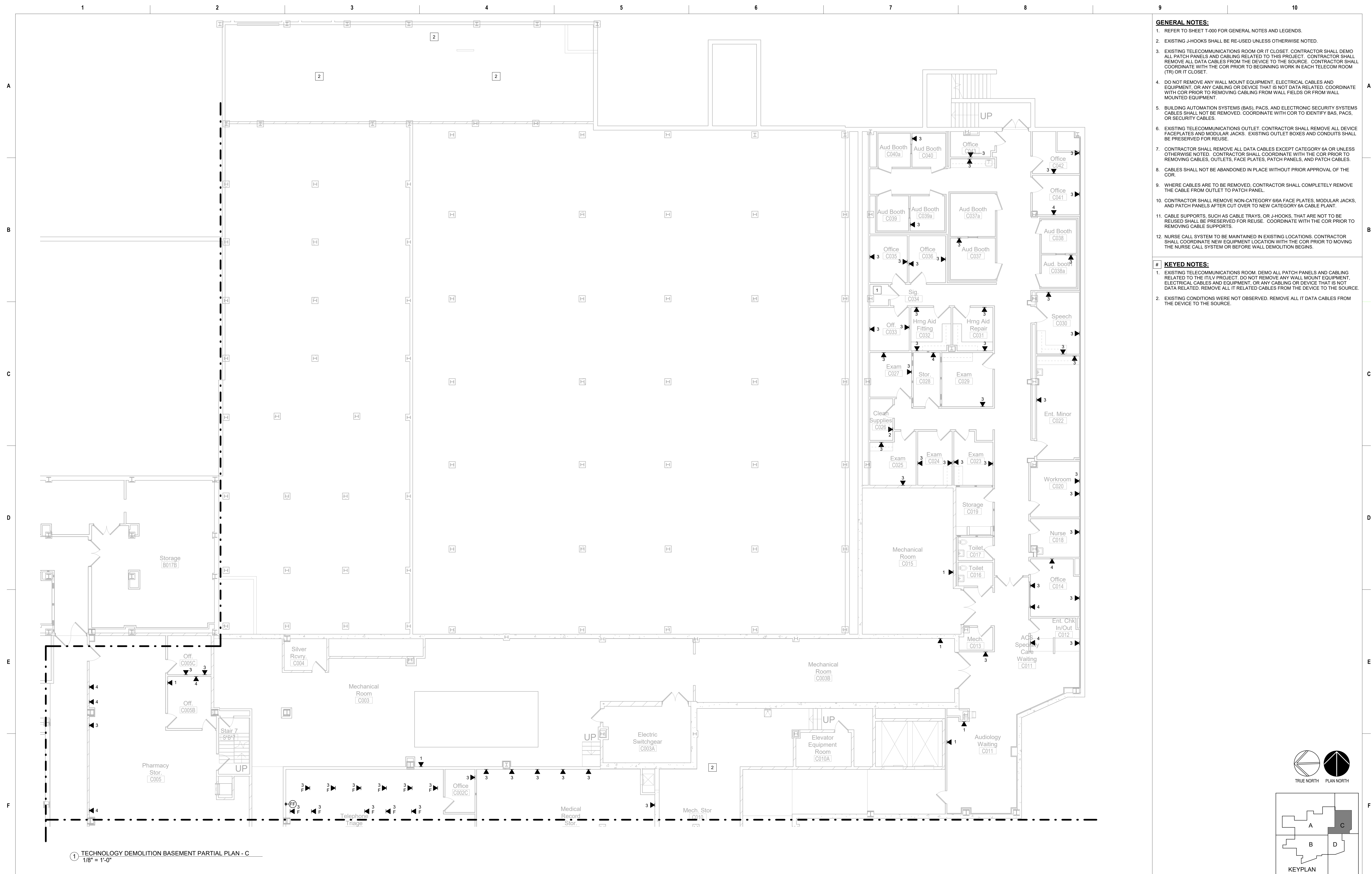




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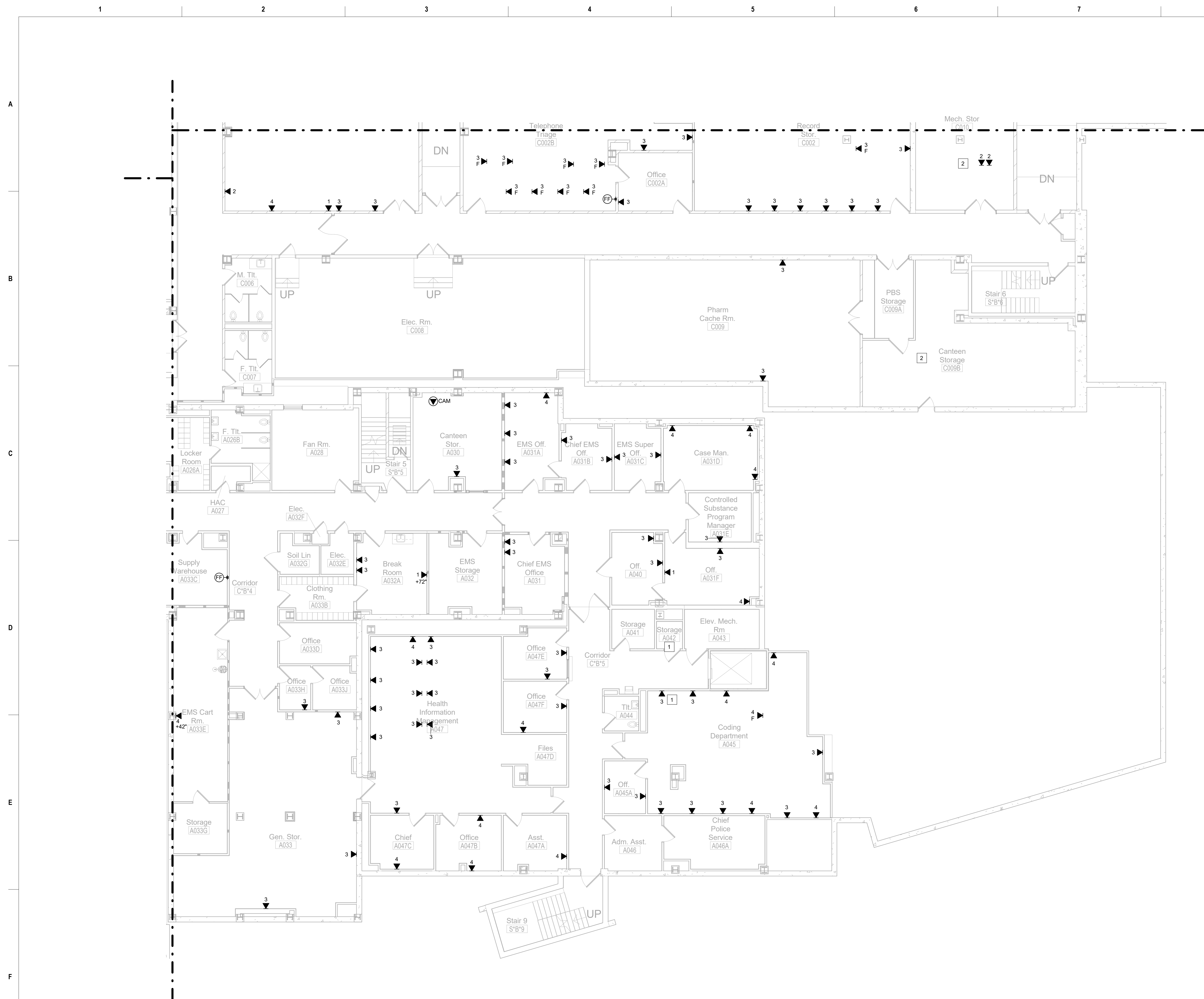


Description		Date	CONSULTANT		PROJECT MANAGEMENT		Drawing Title		Phase		Project Title		Project Number	
			Ross & Baruzzini				TECHNOLOGY DEMOLITION BASEMENT PARTIAL PLAN - A		100% CONSTRUCTION DOCUMENTS		CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES		539-21-701	
			LOW VOLTAGE/ IT Ross & Baruzzini Inc. 1600 Riveredge Parkway NW Suite 900 Atlanta, GA 30328		C O M P A N Y 8718 Botts Lane San Antonio, Texas 78217 www.hfscompany.com jbianco@hfscompany.com		Approved: Project Director		FULLY SPRINKLERED		Location 3200 VINE ST. CINCINNATI, OH. 45220		Building Number C1	
					8718 Botts Lane San Antonio, Texas 78217 www.hfscompany.com jbianco@hfscompany.com						Issue Date: 04-MAY-2022		Drawing Number	
					Phone: (210) 816-4784 Fax: (210) 881-6808						Checked By: PR		TD-111-C.1.B	
											Drawn By: TL			





Description	Date	CONSULTANT	PROJECT MANAGEMENT		Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
		Ross & Baruzzini				TECHNOLOGY DEMOLITION BASEMENT PARTIAL PLAN - C	100% CONSTRUCTION DOCUMENTS	CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES	539-21-701
		LOW VOLTAGE/IT Ross & Baruzzini Inc. 1600 Riveredge Parkway NW Suite 900 Atlanta, GA 30328	C O M P A N Y 8718 Botts Lane Phone: (210) 816-4784 San Antonio, Texas 78217 Fax: (210) 881-6808 www.hfscompany.com jbianco@hfscompany.com			Approved: Project Director	FULLY SPRINKLERED	Location	Drawing Number
						3200 VINE ST. CINCINNATI, OH. 45220			
						Issue Date:		Checked By:	Drawn By:
						04-MAY-2022		PR	TL
		Scale:	1/8" = 1'-0"		TD-113-C.1B				



1 TECHNOLOGY DEMOLITION BASEMENT PARTIAL PLAN - D
1/8" = 1'-0"

[illegible]

CONSULTANT

Ross & Baruzzini

LOW VOLTAGE/ IT
Ross & Baruzzini Inc.
1600 Riveredge Parkway NW
Suite 900
Atlanta, GA 30328

The logo for Project Management features the word "PROJECT MANAGEMENT" in a bold, sans-serif font at the top. Below it is a large, stylized graphic of the letters "HFS". The "H" is red, the "F" is grey, and the "S" is black. Underneath the "HFS" graphic, the letters "C O M P A N Y" are spaced out. To the left of the "HFS" graphic, the address "8718 Botts Lane, San Antonio, Texas 78217" is listed. To the right, the phone number "(210) 816-4784" and fax number "(210) 881-6808" are provided. At the bottom, the website "www.hfscscompany.com" and email "jbianco@hfscscompany.com" are listed.



**Construction
and Facilities
Management**

VA | U.S. Department
of Veterans
Affairs

<p>Drawing Title</p> <p>TECHNOLOGY DEMOLITION BASEMENT PARTIAL PLAN - D</p> <p>Approved: Project Director</p>

Phase	100% CONSTRUCTION DOCUMENTS
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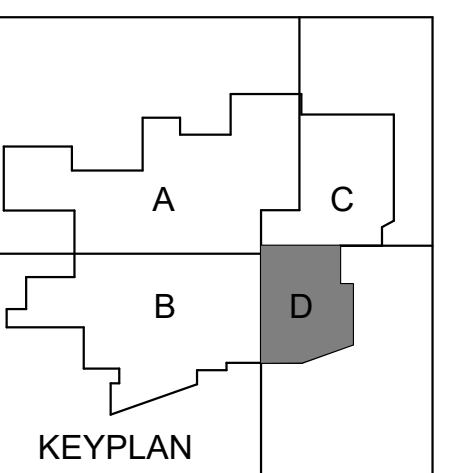
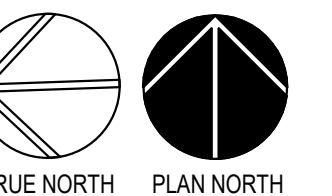
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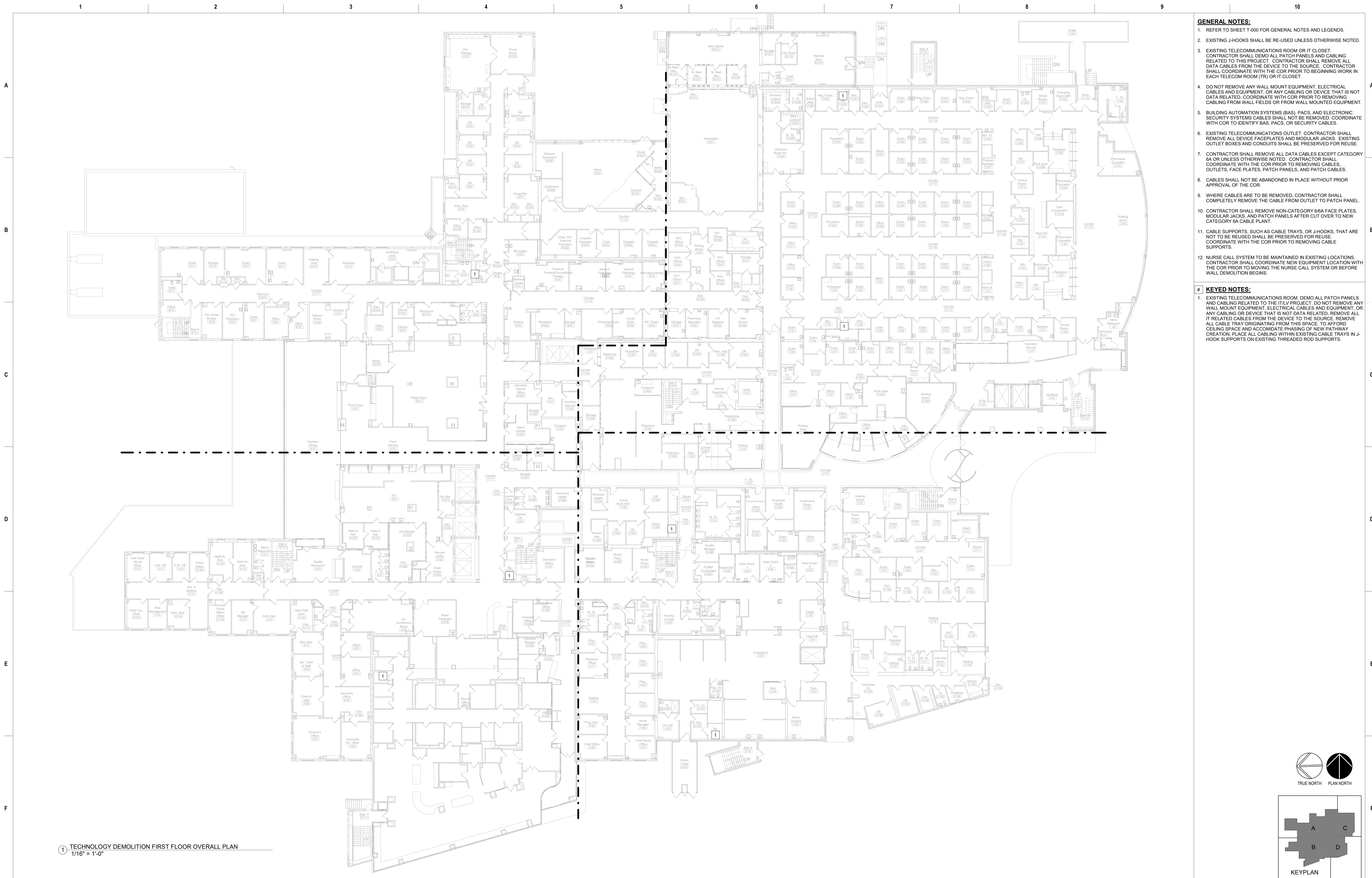
Project Title	CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES	Pr Bu
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Location	3200 VINE ST. CINCINNATI, OH. 45220	Dr
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Issue Date: 04-MAY-2022	Checked By: PR	Drawn By: TL
Scale: 1/8" = 1'-0"		

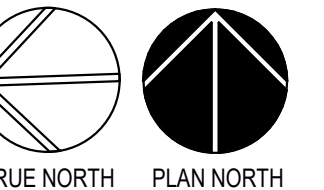
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Building Number	C1
Drawing Number	TD-114-C.1.B



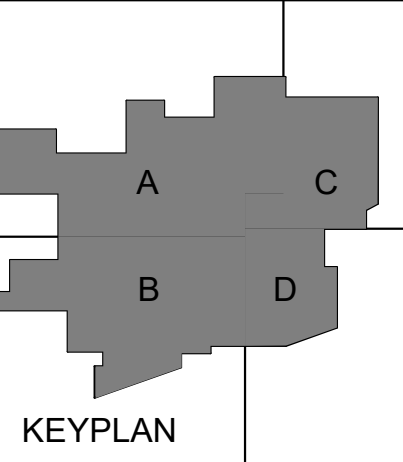


1 TECHNOLOGY DEMOLITION FIRST FLOOR OVERALL PLAN
1/16" = 1'-0"

- GENERAL NOTES:**
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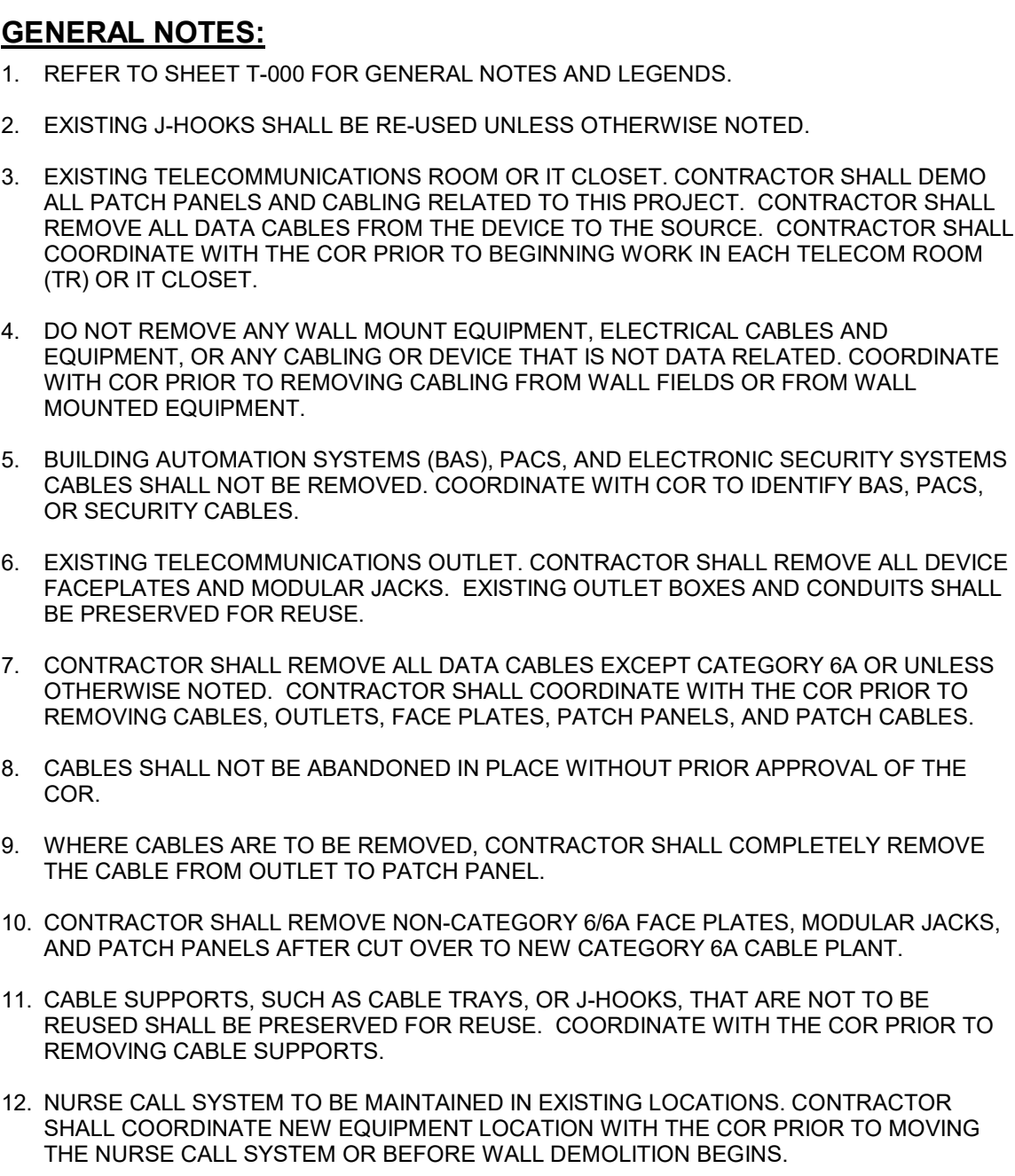


TRUE NORTH PLAN NORTH

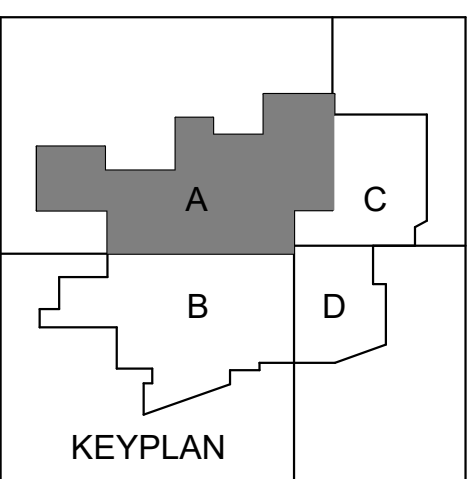



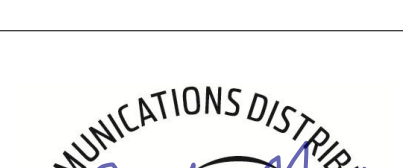
KEYPLAN

Description	Date	CONSULTANT	PROJECT MANAGEMENT	Drawing Title	Phase	Project Title	Project Number
		Ross & Baruzzini	HFS	TECHNOLOGY DEMOLITION FIRST FLOOR OVERALL PLAN	100% CONSTRUCTION DOCUMENTS	CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES	539-21-701
		LOW VOLTAGE/ IT Ross & Baruzzini Inc. 1600 Riveredge Parkway NW Suite 900 Atlanta, GA 30328 www.hfscompany.com atlanta@hfscompany.com	COMPANY 8718 Botts Lane San Antonio, Texas 78217 Phone: (210) 816-4784 Fax: (210) 881-6808 jbiano@hfscompany.com	Approved: Project Director	FULLY SPRINKLERED	Location 3200 VINE ST. CINCINNATI, OH. 45220 Issue Date: 04-MAY-2022 Scale: 1/16" = 1'-0"	Building Number C1 Drawing Number TD-120-C.1.1



TRUE NORTH PLAN NORTH



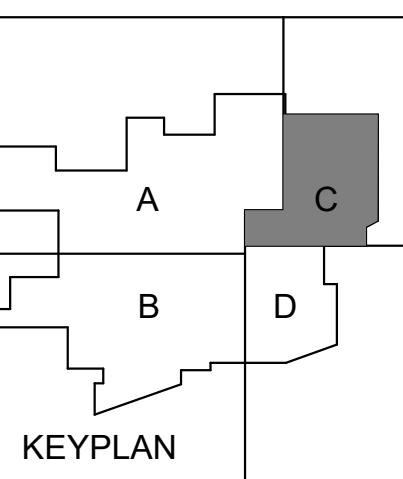
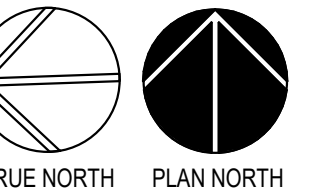
① TECHNOLOGY DEMOLITION FIRST FLOOR PARTIAL PLAN - A 1/8" = 1'-0"		Description		Date		CONSULTANT Ross & Baruzzini LOW VOLTAGE/IT Ross & Baruzzini Inc. 1600 Riveredge Parkway NW Suite 900 Atlanta, GA 30328		PROJECT MANAGEMENT  C O M P A N Y 8718 Botts Lane Phone: (210) 816-4784 San Antonio, Texas 78217 Fax: (210) 881-6808 www.hfscompany.com jbianco@hfscompany.com				Construction and Facilities Management  U.S. Department of Veterans Affairs		Drawing Title TECHNOLOGY DEMOLITION FIRST FLOOR PARTIAL PLAN - A Approved: Project Director		Phase 100% CONSTRUCTION DOCUMENTS FULLY SPRINKLERED		Project Title CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES Location 3200 VINE ST. CINCINNATI, OH. 45220 Issue Date: 04-MAY-2022 Scale: 1/8" = 1'-0"		Project Number 539-21-701 Building Number C1 Drawing Number TD-121-C.1.1		KEYPLAN	
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1 TECHNOLOGY DEMOLITION FIRST FLOOR PARTIAL PLAN - C
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- EXISTING TELECOMMUNICATIONS ROOM. DEMO ALL PATCH PANELS AND CABLING RELATED TO THE ITLV PROJECT. DO NOT REMOVE ANY WALL MOUNT EQUIPMENT, ELECTRICAL CABLES AND EQUIPMENT, OR ANY CABLING OR DEVICE THAT IS NOT DATA RELATED. REMOVE ALL IT RELATED CABLES FROM THE DEVICE TO THE SOURCE.
 - EXISTING CONDITIONS WERE NOT OBSERVED. REMOVE ALL IT DATA CABLES FROM THE DEVICE TO THE SOURCE.

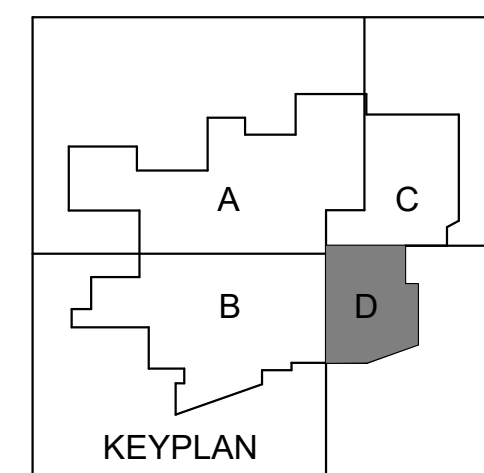


Description		Date	CONSULTANT		PROJECT MANAGEMENT		Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
			Ross & Baruzzini		HFS		VA		TECHNOLOGY DEMOLITION FIRST FLOOR PARTIAL PLAN - C		100% CONSTRUCTION DOCUMENTS		CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES		539-21-701	
			LOW VOLTAGE/ IT Ross & Baruzzini Inc. 1600 Riveredge Parkway NW Suite 900 Atlanta, GA 30328		C O M P A N Y 8718 Botts Lane San Antonio, Texas 78217 www.hfscmpany.com jbianco@hfscmpany.com		U.S. Department of Veterans Affairs		Approved: Project Director		FULLY SPRINKLERED		Location 3200 VINE ST. CINCINNATI, OH. 45220		Building Number C1	
													Issue Date: 04-MAY-2022		Drawing Number TD-123-C.1.1	
													Checked By: PR		Drawn By: TL	
													Scale: 1/8" = 1'-0"			



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[illegible]



CONSULTANT

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Atlanta, GA 30328

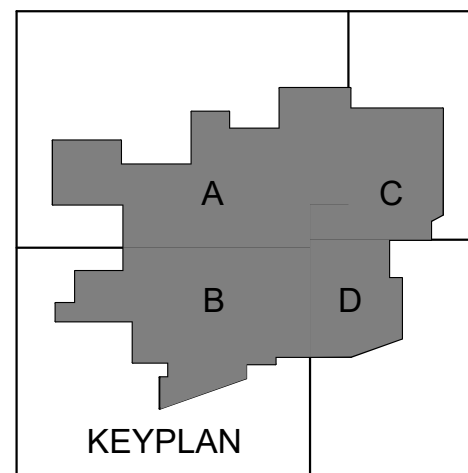
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Atlanta, GA 30328

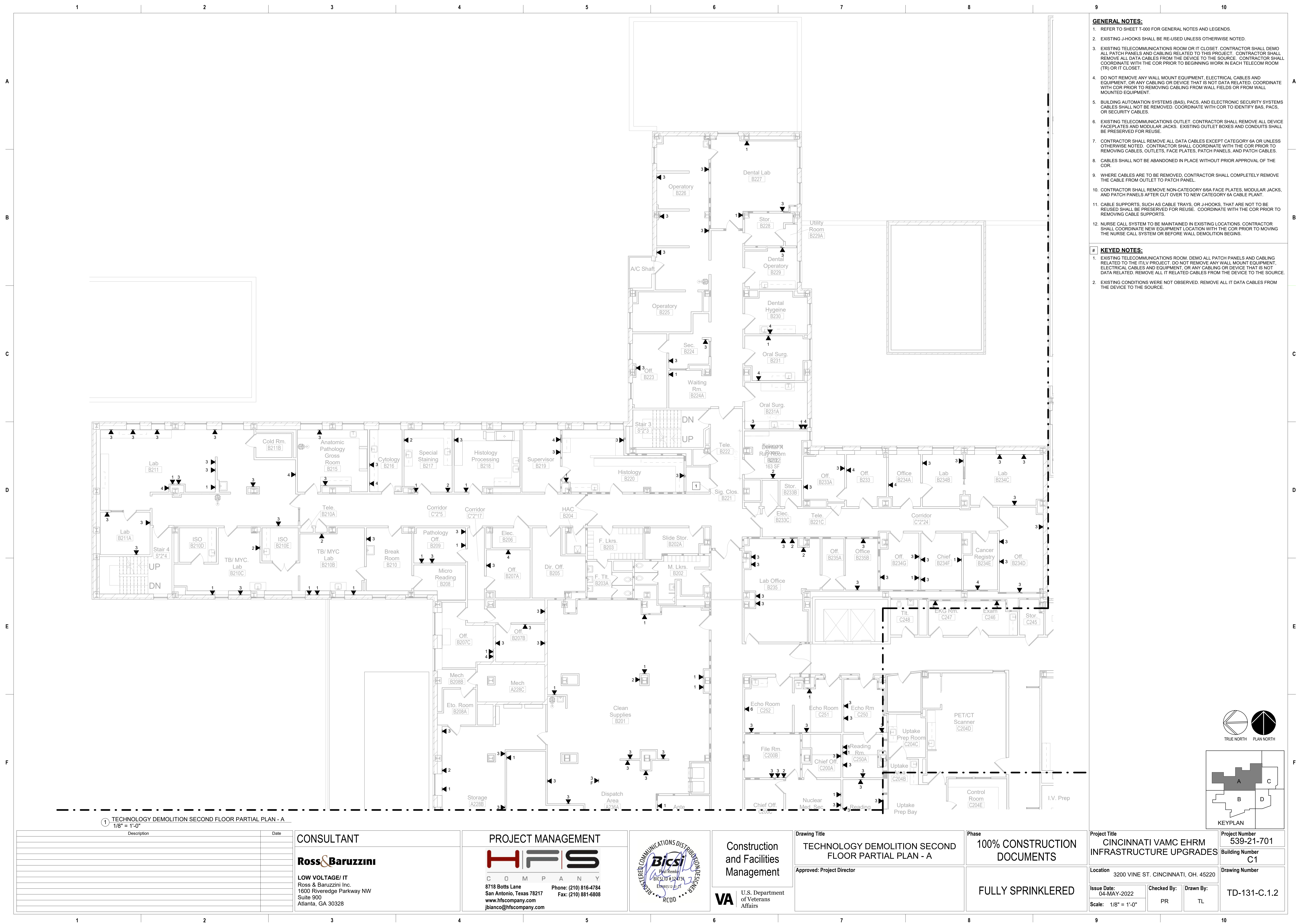
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San Antonio, Texas 78217 Fax: (210) 881-6808
www.hfsccompany.com
bianco@hfsccompany.com



TD-130-C.1.2

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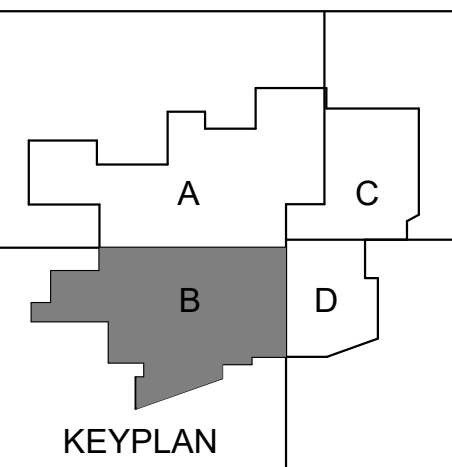
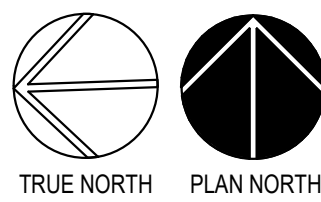




1 TECHNOLOGY DEMOLITION SECOND FLOOR PARTIAL PLAN - B
1/8" = 1'-0"

- GENERAL NOTES:**
- REFER TO SHEET T-000 FOR GENERAL NOTES AND LEGENDS.
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 - DO NOT REMOVE ANY WALL MOUNT EQUIPMENT. ELECTRICAL CABLES AND EQUIPMENT, OR ANY CABLING OR DEVICE THAT IS NOT DATA RELATED. COORDINATE WITH COR PRIOR TO REMOVING CABLING FROM WALL FIELDS OR FROM WALL MOUNTED EQUIPMENT.
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 - CABLES SHALL NOT BE ABANDONED IN PLACE WITHOUT PRIOR APPROVAL OF THE COR.
 - WHERE CABLES ARE TO BE REMOVED, CONTRACTOR SHALL COMPLETELY REMOVE THE CABLE FROM OUTLET TO PATCH PANEL.
 - CONTRACTOR SHALL REMOVE NON-CATEGORY 6/A FACE PLATES, MODULAR JACKS, AND PATCH PANELS AFTER CUT OVER TO NEW CATEGORY 6/A CABLE PLANT.
 - CABLE SUPPORTS, SUCH AS CABLE TRAYS, OR J-HOOKS, THAT ARE NOT TO BE REUSED SHALL BE PRESERVED FOR REUSE. COORDINATE WITH THE COR PRIOR TO REMOVING CABLE SUPPORTS.
 - NURSE CALL SYSTEM TO BE MAINTAINED IN EXISTING LOCATIONS. CONTRACTOR SHALL COORDINATE NEW EQUIPMENT LOCATION WITH THE COR PRIOR TO MOVING THE NURSE CALL SYSTEM OR BEFORE WALL DEMOLITION BEGINS.

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Description	Date

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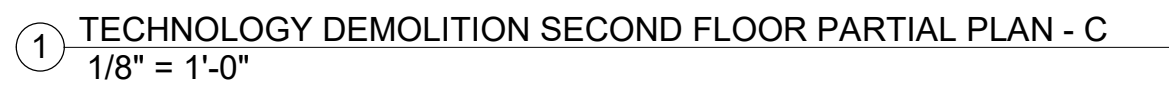
Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title TECHNOLOGY DEMOLITION SECOND FLOOR PARTIAL PLAN - B
Approved: Project Director

Phase 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Project Title CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
Location 3200 VINE ST. CINCINNATI, OH. 45220
Issue Date: 04-MAY-2022
Scale: 1/8" = 1'-0"
Checked By: PR
Drawn By: TL

Project Number 539-21-701
Building Number C1
Drawing Number TD-132-C.1.2



CONSULTANT

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Atlanta, GA 30328

CONSULTANT

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Atlanta, GA 30328

The logo for HFS COMPANY features the letters 'HFS' in a large, stylized font. The 'H' is red, while the 'F' and 'S' are black. Below this, the word 'COMPANY' is written in a smaller, black, sans-serif font, with each letter separated by a vertical line. Below the company name, the address '718 Botts Lane, San Antonio, Texas 78217' is listed, followed by the website 'www.hfscorporation.com'. To the right of the address, the phone number '(210) 816-4784' and fax number '(210) 881-6808' are provided.



**Construction
and Facilities
Management**

A | U.S. Department
of Veterans
Affairs

A U.S. Department
of Veterans
Affairs

TECHNOLOGY DEMOLITION SECOND
FLOOR PARTIAL PLAN - C

Approved: Project Director

Phase
100% CONSTRUCTION
DOCUMENTS

FULLY SPRINKLERED

Project Title

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

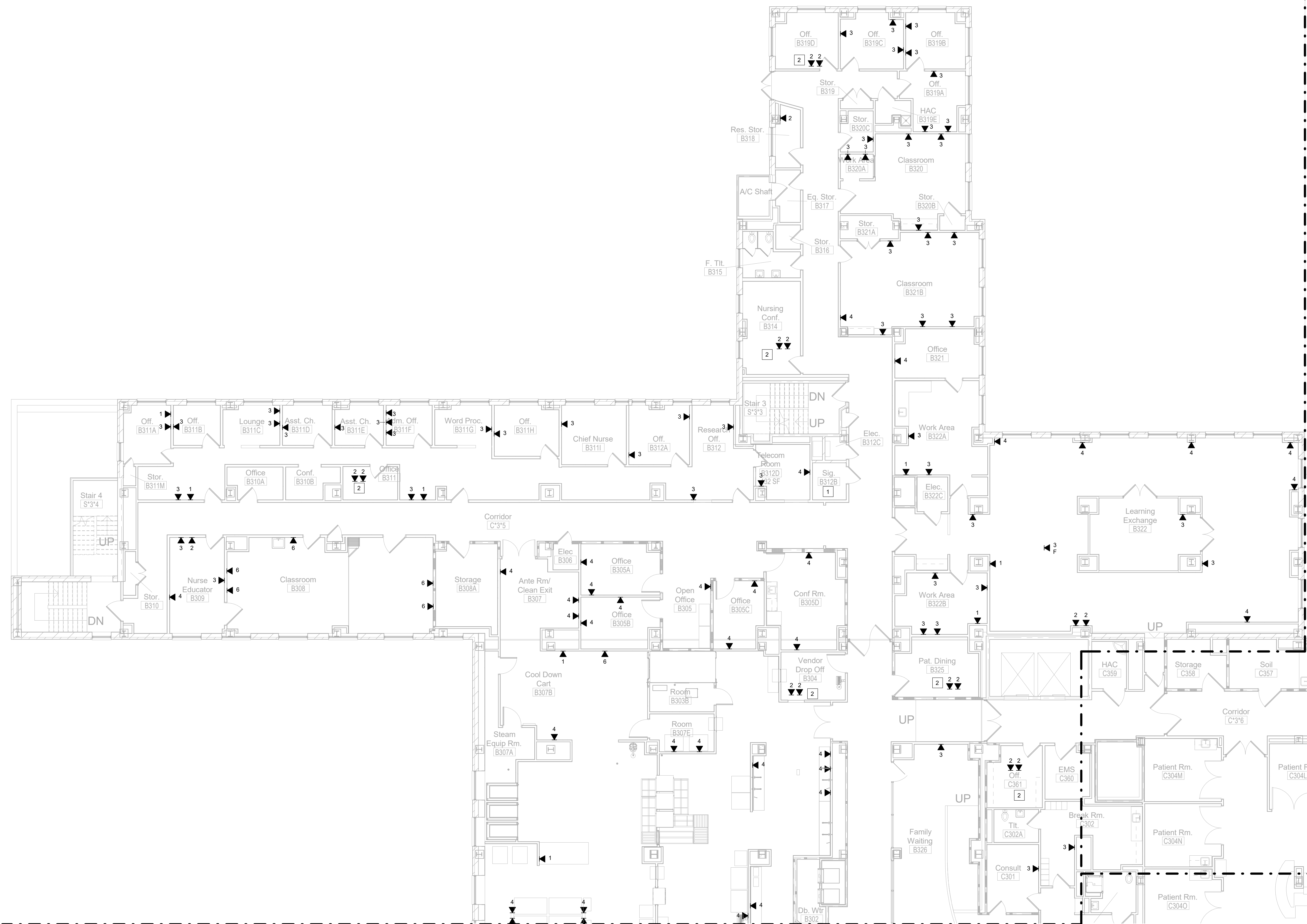
3200 VINE ST. CINCINNATI, OH. 45220

Issue Date:
04-MAY-2022

Checked By:

RM RADES	Project Number 539-21-701
	Building Number C1

TD-133-C.1.2



① TECHNOLOGY DEMOLITION THIRD FLOOR PARTIAL PLAN - A
1/8" = 1'-0"

[illegible]

CONSULTANT

Ross & Baruzzini

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1600 Riveredge Parkway NW
Suite 900
Atlanta, GA 30328

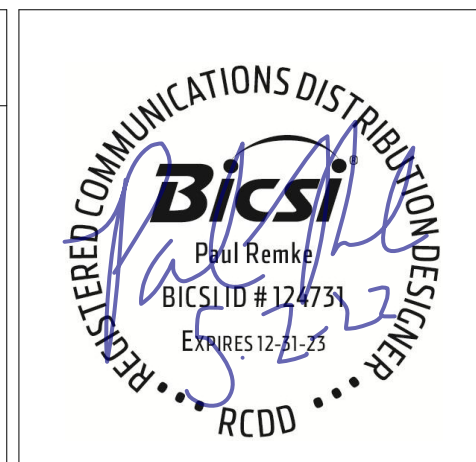
PROJECT MANAGEMENT

HFS

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Construction
and Facilities
Management

VA | U.S. Department
of Veterans
Affairs

Drawing Title
TECHNOLOGY DEMOLITION THIRD FLOOR PARTIAL PLAN - A
Approved: Project Director

Phase	100% CONSTRUCTION DOCUMENTS
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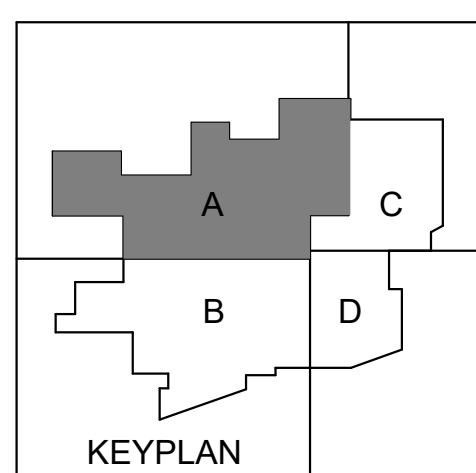
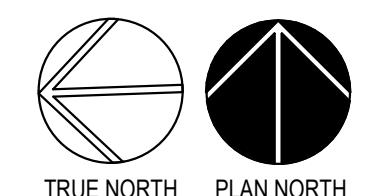
FULLY SPRINKLERED

GENERAL NOTES:

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Project Title	CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
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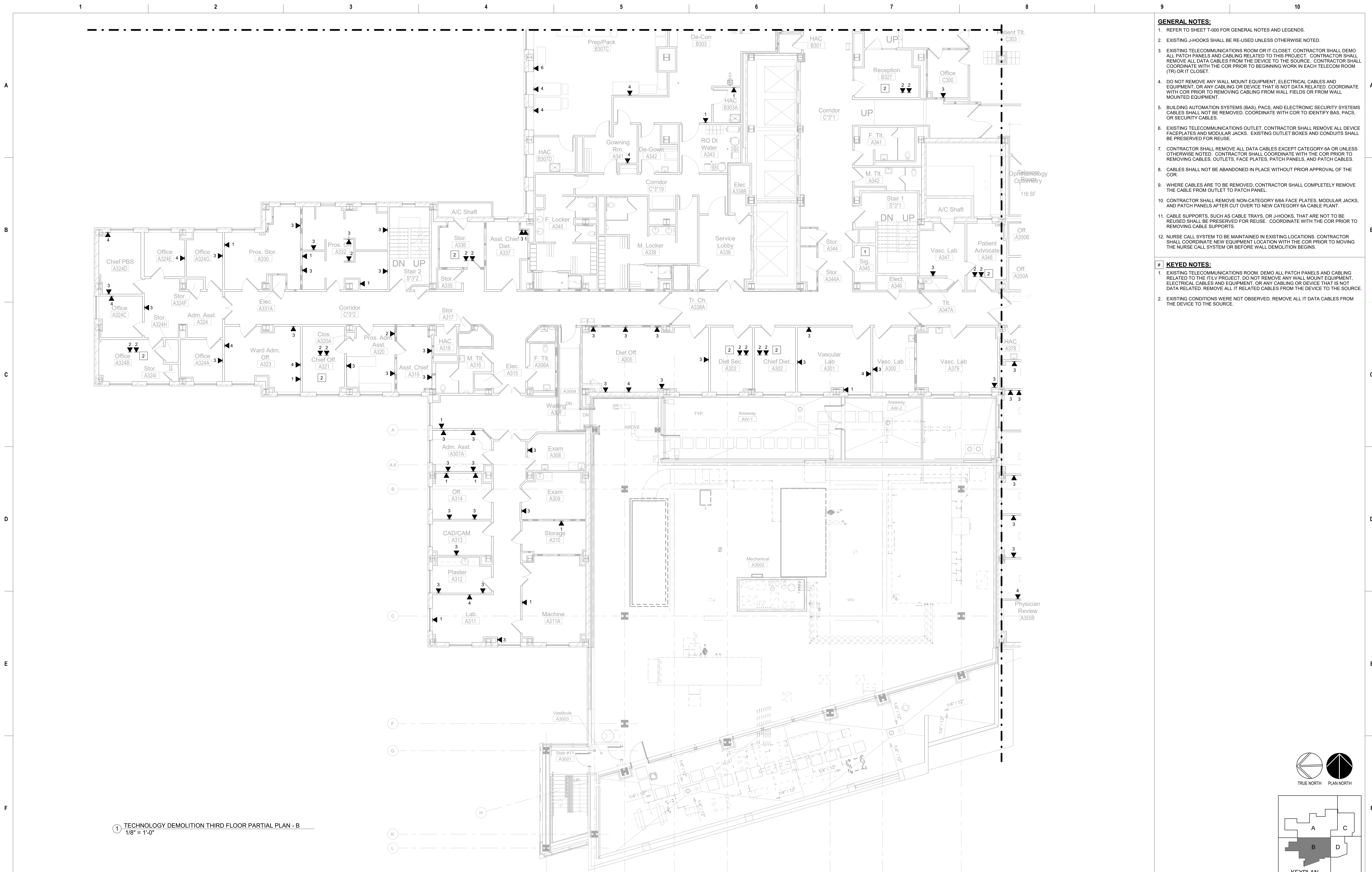
Location	3200 VINE ST. CINCINNATI, OH. 45220
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Issue Date:
04-MAY-2022

Scale: 1/8" = 1'-0"

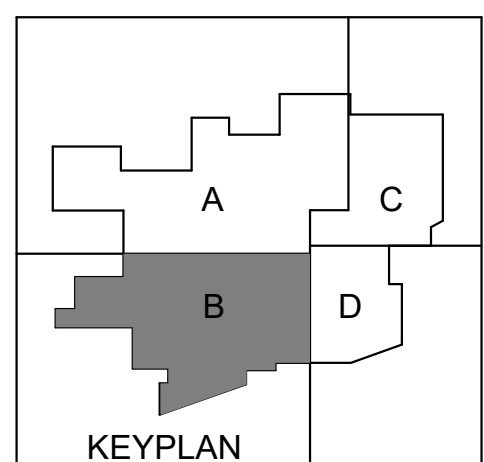
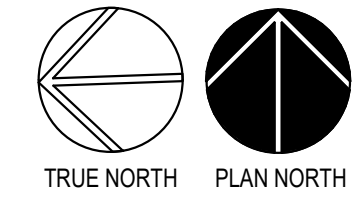
Checked By:
PR

OH. 45220	Drawing Number
Drawn By:	TD-141-C.1.3



- GENERAL NOTES:**
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Description	Date

CONSULTANT

Ross & Baruzzini

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Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

TECHNOLOGY DEMOLITION THIRD FLOOR PARTIAL PLAN - B

Approved: Project Director

Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title

CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES

Location

3200 VINE ST. CINCINNATI, OH. 45220

Issue Date: 04-MAY-2022
Scale: 1/8" = 1'-0"

Checked By: PR
Drawn By: TL

Project Number

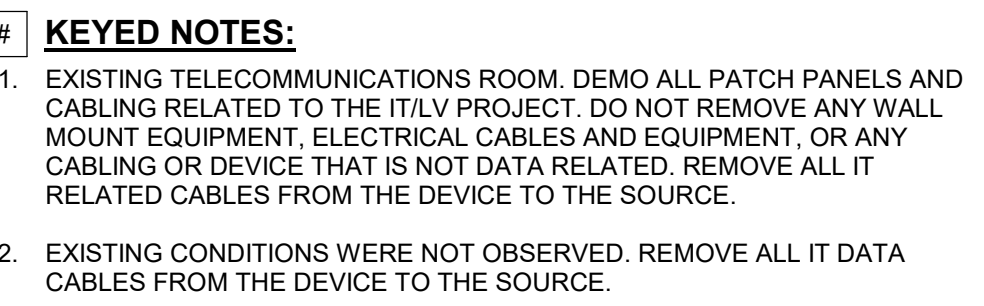
539-21-701

Building Number

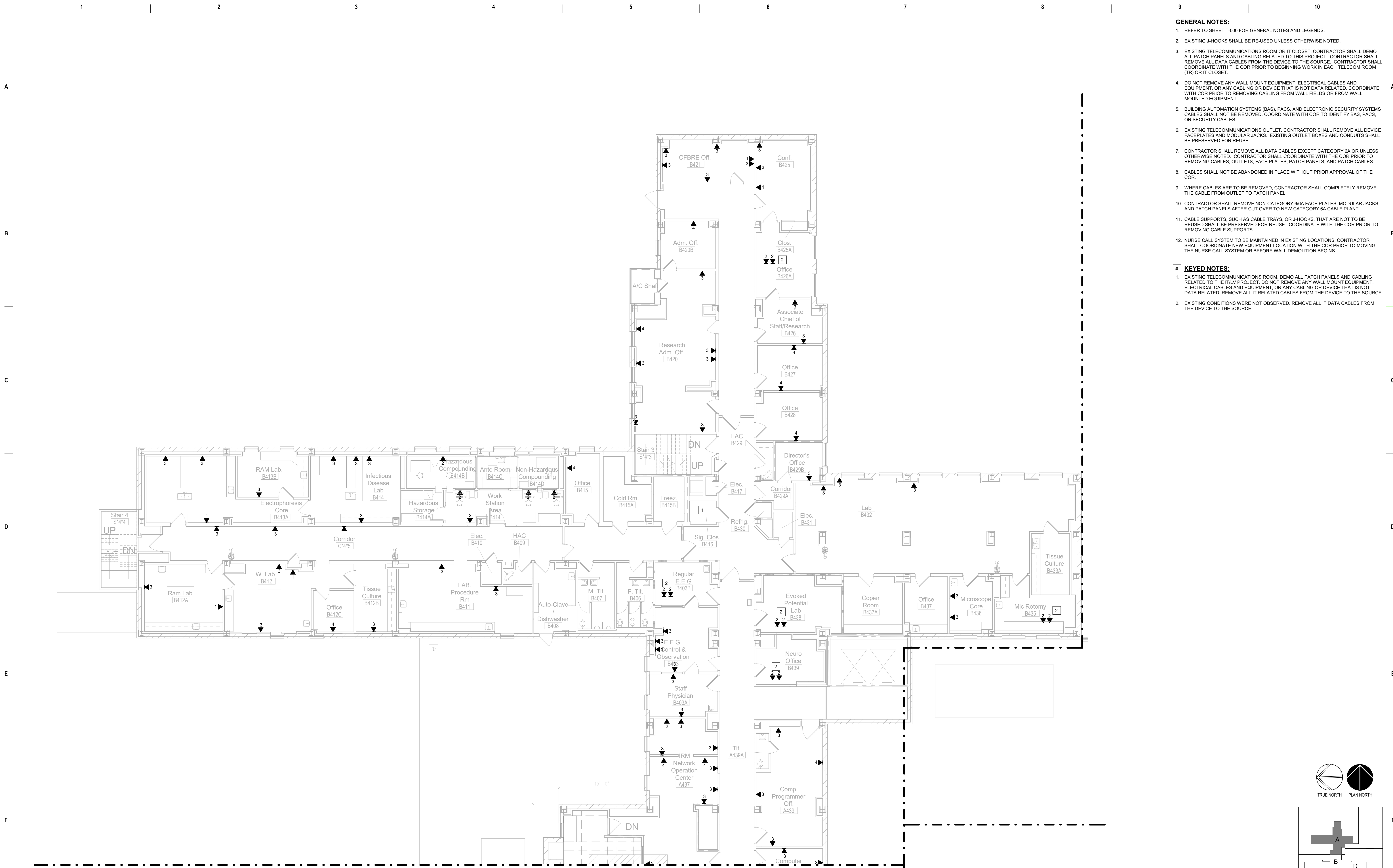
C1

Drawing Number

TD-142-C.1.3



Project Number	539-21-701
Building Number	C1
Drawing Number	TD-143-C.1.3



1 TECHNOLOGY DEMOLITION FOURTH FLOOR PARTIAL PLAN - A
1/8" = 1'-0"

Description	Date

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Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
TECHNOLOGY DEMOLITION FOURTH FLOOR PARTIAL PLAN - A
Approved: Project Director

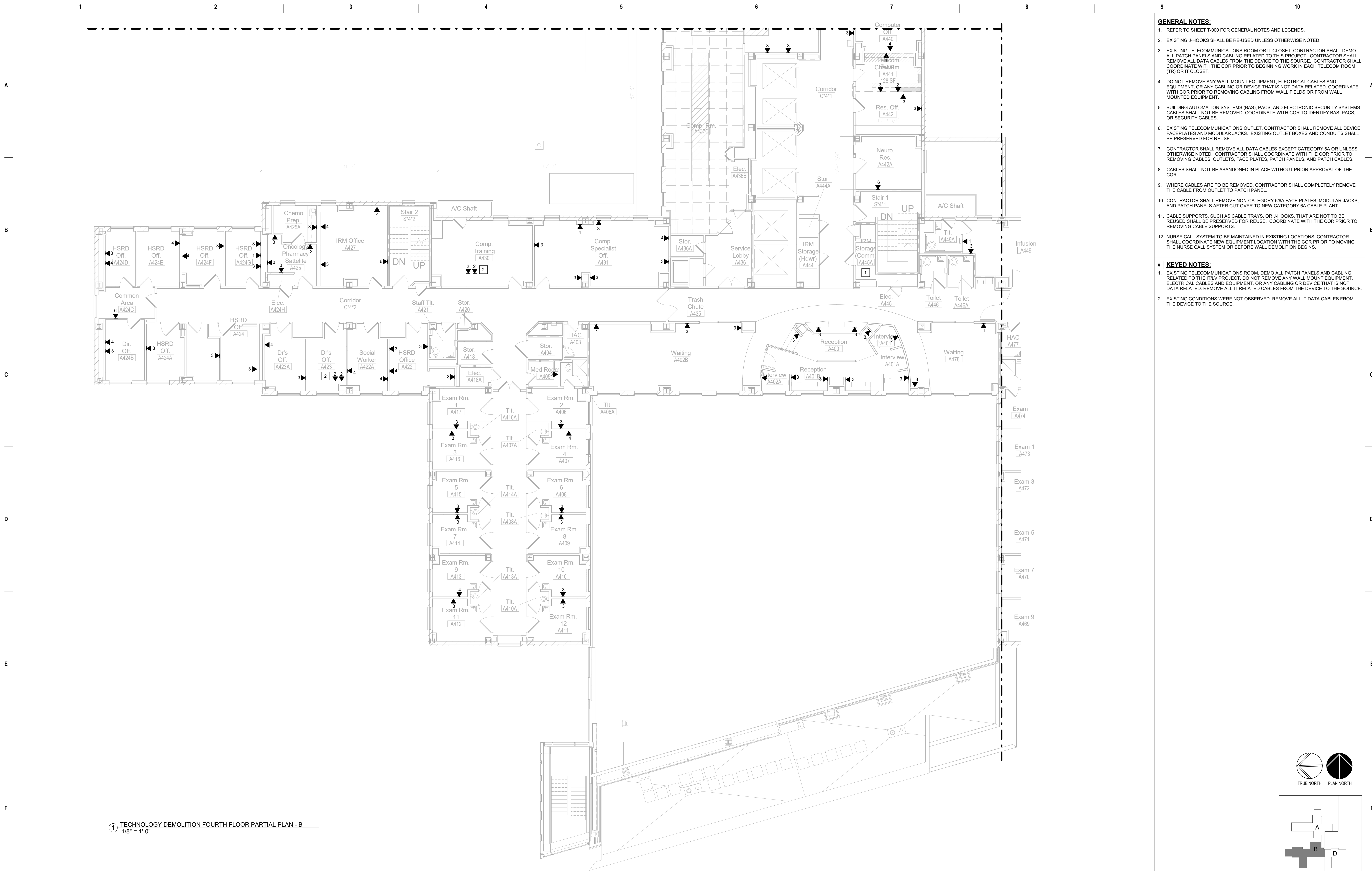
Phase
100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
Location
3200 VINE ST. CINCINNATI, OH. 45220
Issue Date:
04-MAY-2022
Scale:
1/8" = 1'-0"

Project Number
539-21-701
Building Number
C1
Drawing Number
TD-151-C.1.4

- GENERAL NOTES:**
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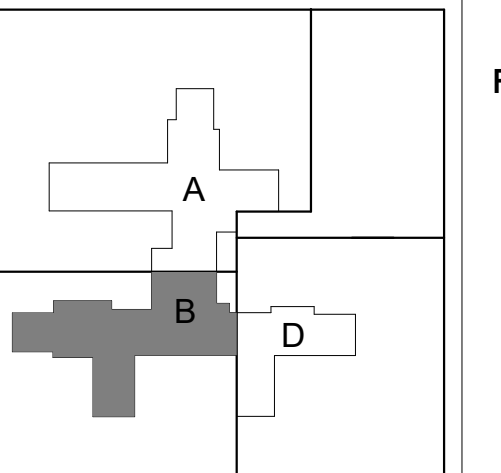
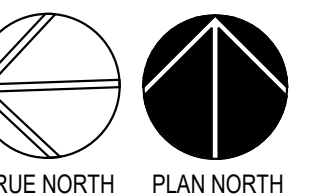
1 TECHNOLOGY DEMOLITION FOURTH FLOOR PARTIAL PLAN - B
1/8" = 1'-0"

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10. CONTRACTOR SHALL REMOVE NON-CATEGORY 6A FACE PLATES, MODULAR JACKS, AND PATCH PANELS AFTER CUT OVER TO NEW CATEGORY 6A CABLE PLANT.
11. CABLE SUPPORTS, SUCH AS CABLE TRAYS, OR J-HOOKS, THAT ARE NOT TO BE REUSED SHALL BE PRESERVED FOR REUSE. COORDINATE WITH THE COR PRIOR TO REMOVING CABLE SUPPORTS.
12. NURSE CALL SYSTEM TO BE MAINTAINED IN EXISTING LOCATIONS. CONTRACTOR SHALL COORDINATE NEW EQUIPMENT LOCATION WITH THE COR PRIOR TO MOVING THE NURSE CALL SYSTEM OR BEFORE WALL DEMOLITION BEGINS.

KEYED NOTES:

1. EXISTING TELECOMMUNICATIONS ROOM. DEMO ALL PATCH PANELS AND CABLING RELATED TO THE IT/LV PROJECT. DO NOT REMOVE ANY WALL MOUNT EQUIPMENT, ELECTRICAL CABLES AND EQUIPMENT, OR ANY CABLING OR DEVICE THAT IS NOT DATA RELATED. REMOVE ALL IT RELATED CABLES FROM THE DEVICE TO THE SOURCE.
2. EXISTING CONDITIONS WERE NOT OBSERVED. REMOVE ALL IT DATA CABLES FROM THE DEVICE TO THE SOURCE.



Description	Date

CONSULTANT

Ross & Baruzzini

LOW VOLTAGE/ IT
Ross & Baruzzini Inc.
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PROJECT MANAGEMENT

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Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

TECHNOLOGY DEMOLITION FOURTH
FLOOR PARTIAL PLAN - B

Approved: Project Director

Phase

100% CONSTRUCTION
DOCUMENTS

FULLY SPRINKLERED

Project Title

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location

3200 VINE ST. CINCINNATI, OH. 45220

Issue Date:

04-MAY-2022

Scale: 1/8" = 1'-0"

Checked By:

PR

Drawn By:

TL

Project Number

539-21-701

Building Number

C1

Drawing Number

TD-152-C.1.4