NAE	Bus	Address	Device	Serves	Disposition	New Device Address	New Device Name	New Bus
NAE-1	N2-1	1	DX-1	AHU-1 (Receiving)	Replace	5	CGM-5	FC-1
NAE-1	N2-1	2	DX-2	AHU-2 (RIOL/RIOC)	Replace	6	CGM-6	FC-1
NAE-1	N2-1	4	DX-4	HVU-1	Remove	-	-	-
NAE-1	N2-1	5	DX-5	HVU-2	Remove	-	-	-
NAE-1	N2-1	6	DX-6	CHW System	Remove	-	-	-
NAE-1	N2-1	7	UNT-7	VAVs 1,2,3	Replace	21	CGM-21	FC-2
NAE-1	N2-1	8	UNT-8	VAVs 4,5,6	Replace	22	CGM-22	FC-2
NAE-1	N2-1	9	UNT-9	VAVs 7,8,15	Replace	23	CGM-23	FC-2
NAE-1	N2-1	10	UNT-10	VAVs 13,14,9,16	Replace	24	CGM-24	FC-2
NAE-1	N2-1	11	UNT-11	VAVs 10,11,12	Replace	25	CGM-25	FC-2
NAE-1	N2-1	13	UNT-13	McQuay Chiller (OEM)	Remove	-	-	-
NAE-1	N2-1	14	UNT-14	Generator Room	Replace	7	TEC-7	FC-1
NAE-1	N2-1	15	UNT-15	Comm Rm ACUs	Remove	-	-	-
NAE-1	N2-1	16	UNT-16	AHU-COMSEC	Replace	8	CGM-8	FC-1
NAE-1	N2-1	18	UNT-18	AHU-3 (CE Shop)	Replace	26	CGM-26	FC-2
NAE-1	N2-1	19	UNT-19	FTR A1	Remove	-	-	-
NAE-1	N2-1	20	UNT-20	FTR A2	Remove	-	-	-
NAE-1	N2-1	21	UNT-21	FTR B1	Remove	-	-	-
NAE-1	N2-1	22	UNT-22	FTR B2	Remove	-	-	-
NAE-1	N2-1	25	UNT-25	FTR D1	Replace	10	CGM-10	FC-1
NAE-1	FC-2	5	TEC-5	Warehouse Unit Heater	To Remain	27	TEC-27	FC-2
NAE-1	FC-2	6	TEC-6	Warehouse Unit Heater	To Remain	11	TEC-11	FC-1
NAE-1	FC-2	7	TEC-7	Warehouse Unit Heater	To Remain	12	TEC-12	FC-1
NAE-1	FC-2	8	TEC-8	Warehouse Unit Heater	To Remain	13	TEC-13	FC-1
NAE-1	FC-2	9	TEC-9	Warehouse Unit Heater	To Remain	14	TEC-14	FC-1
NAE-1	FC-2	10	TEC-10	Warehouse Unit Heater	To Remain	15	TEC-15	FC-1
NAE-1	FC-2	11	TEC-11	Warehouse Unit Heater	To Remain	16	TEC-16	FC-1
NAE-1	FC-2	12	TEC-12	Warehouse Unit Heater	To Remain	17	TEC-17	FC-1
NAE-1	FC-2	13	TEC-13	Warehouse Unit Heater	To Remain	18	TEC-18	FC-1
NAE-1	FC-2	14	TEC-14	Warehouse Unit Heater	To Remain	28	TEC-28	FC-2
NAE-1	FC-2	15	TEC-15	Warehouse Unit Heater	To Remain	29	TEC-29	FC-2
NAE-1	FC-2	16	TEC-16	Warehouse Unit Heater	To Remain	30	TEC-30	FC-2
NAE-1	FC-2	17	TEC-17	Warehouse Unit Heater	To Remain	31	TEC-31	FC-2
NAE-1	FC-2	18	TEC-18	Warehouse Unit Heater	To Remain	32	TEC-32	FC-2
NAE-1	FC-2	19	TEC-19	Warehouse Unit Heater	To Remain	33	TEC-33	FC-2
NAE-1	FC-2	20	TEC-20	Warehouse Unit Heater	To Remain	34	TEC-34	FC-2
NAE-1	FC-2	64	FEC-64	AHU-5 (Switch Room)	To Remain	19	FEC-19	FC-1
NAE-1	FC-2	N/A	LMBC-10	Lighting Control	To Remain	-	-	WattStopper
NAE-1	FC-2	N/A	LMBC-11	Lighting Control	To Remain	-	-	WattStopper
NAE-1	FC-2	N/A	LMBC-12	Lighting Control	To Remain	-	-	WattStopper
NAE-1	FC-2	N/A	LMBC-13	Lighting Control	To Remain	-	-	WattStopper
NAE-1	FC-2	N/A	LMBC-14	Lighting Control	To Remain	-	-	WattStopper
NAE-1	FC-2	N/A	LMBC-15	Lighting Control	To Remain	-	-	WattStopper
NAE-1	FC-2	N/A	LMBC-16	Lighting Control	To Remain	-	-	WattStopper
NAE-1	FC-2	N/A	LMBC-17	Lighting Control	To Remain	-	-	WattStopper
NAE-1	FC-2	N/A	LMBC-18	Lighting Control	To Remain	-	-	WattStopper

JOHNSON CONTROLS FIELD BUS SCHEDULE (ALL CONNECTED TO NAE-1)

EXISTING FLOOR PLAN - NORTH
BLDG 2 1/16"=1'-0"

COLOR CODE LEGEND:

RED	EXISTING JOHNSON CONTROLS N2 DEVICES TO BE REPLACED OR REMOVED
GREEN	EXISTING JOHNSON CONTROLS MS/TP DEVICES TO REMAIN. REFER TO BUS SCHEDULE.
VIOLET	EXISTING WATTSTOPPER LIGHTING CONTROL NETWORK BRIDGES TO BE MIGRATED TO NEW COMMUNICATIONS BUS. REFER TO BUS SCHEDULE AND NOTES.

BUILDING 2 NOTES:

1. EXECUTE ALL WORK IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE NATIONAL ELECTRICAL CODE AND UNIFIED FACILITIES CRITERIA.
2. REPLACE OR REMOVE ALL EXISTING N2 DEVICES AS SHOWN ON THIS DRAWING (IN RED) AND ACCORDING TO THE CONTROLLER SCHEDULE ON PAGE TC-501, WITH UP-TO-DATE BACNET MS/TP DEVICES. UTILIZE EXISTING ENCLOSURES FOR NEW CONTROL DEVICES.
3. CONNECT NEW AND EXISTING TO REMAIN CONTROLLERS (IN GREEN) TO NAE-1 FIELD BUSSES AS DETAILED ON BUS SCHEDULE ON THIS PAGE. PROVIDE AND INSTALL NEW BUS WIRING AS NECESSARY. ADDRESS NEW AND AFFECTED EXISTING DEVICES AS SHOWN.
4. REMOVE EXISTING N2 COMMUNICATIONS BUS IN ITS ENTIRETY. RE-USE OF N2 BUS CONDUCTORS IS NOT ALLOWED.
5. REUSE ALL EXISTING END DEVICES UNLESS OTHERWISE NOTED.
6. INCREMENTAL DAMPER ACTUATORS FOR THE OFFICE AREA VAV'S (VAV 2-1 THRU VAV 2-16) SHALL BE REPLACED WITH PROPORTIONAL ACTUATORS. EXISTING DAMPER MOTOR WIRING CAN BE RE-USED. (TYPICAL FOR 16)
7. BUILDING 2 LIGHTING CONTROL NETWORK BRIDGES (IN VIOLET) RESIDE ON THE EXISTING BACNET MS/TP COMMUNICATIONS TRUNK IN THE BUILDING (NAE-1, FC-2). REMOVE THESE NETWORK BRIDGES FROM THE JOHNSON CONTROLS TRUNK AND PROVIDE AND INSTALL A NEW MS/TP TRUNK TO THESE DEVICES WHICH WILL BE HOME-RUNNED BACK TO BACNET ROUTER (CONTEMPORARY CONTROLS MODEL BASRT-B) PROVIDED UNDER THIS PROJECT IN ROOM B148.

Air Force Research Laboratory
ROME RESEARCH SITE, NEW YORK

PROJECT TITLE:
REPLACE JOHNSON CONTROLS N2 CONTROLLERS, SITE

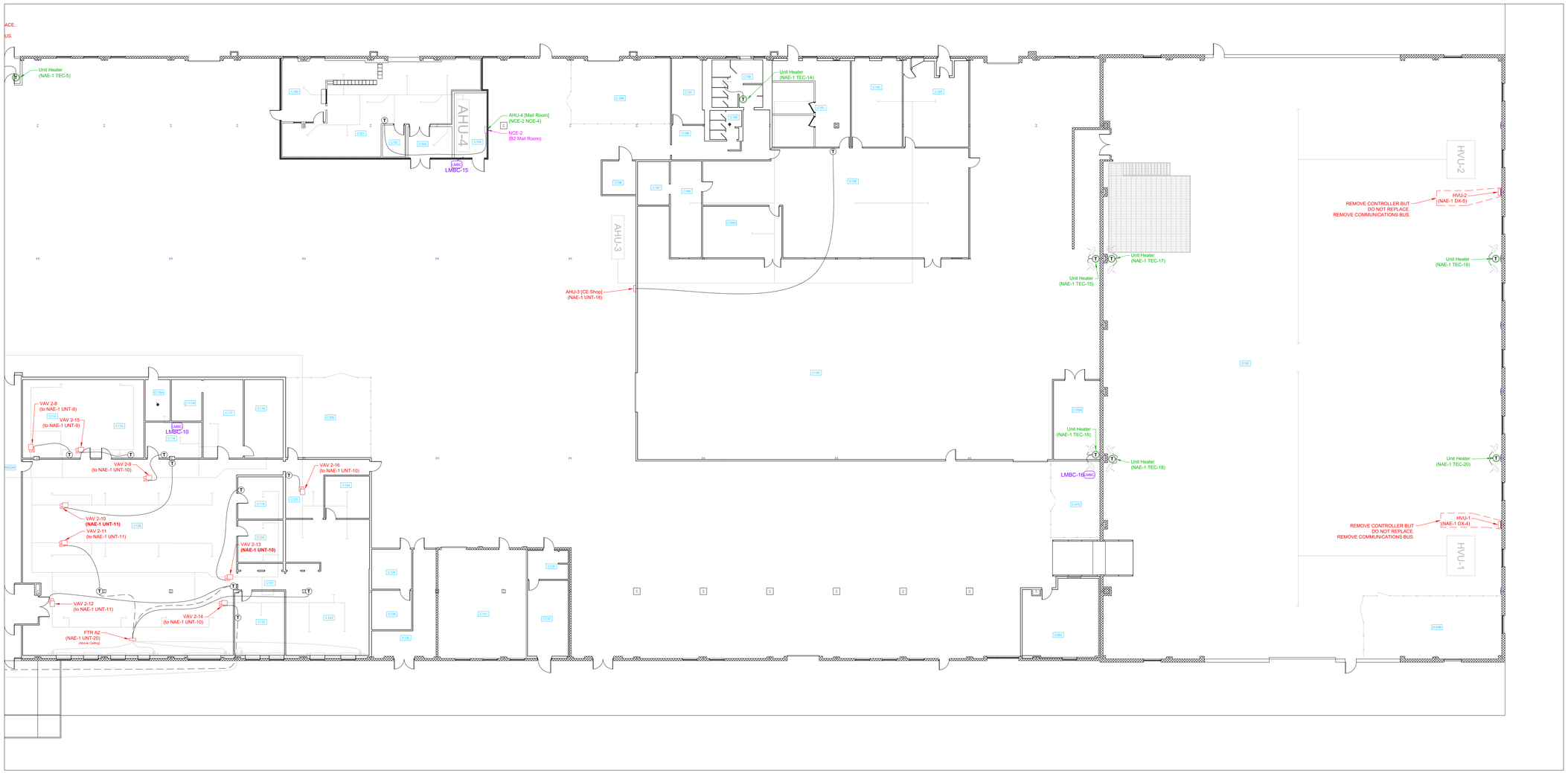
ROME RESEARCH SITE

SHEET TITLE:
TEMPERATURE CONTROL
BLDG. 2 NORTH FLOOR PLAN

PROJECT MANAGER: MWF
DESIGNER: MWF
DRAFTER: MWF
PROJECT NO: ULDF22-0002

DRAWING NO:	SHEET:	FACILITY NO:	DATE:
TC-101	1 OF 8	BLDG. 2	10 APR 2026

ACE.
US.



N

EXISTING FLOOR PLAN - SOUTH
BLDG 2 1/16"=1'-0"

Air Force Research Laboratory

ROME RESEARCH SITE, NEW YORK

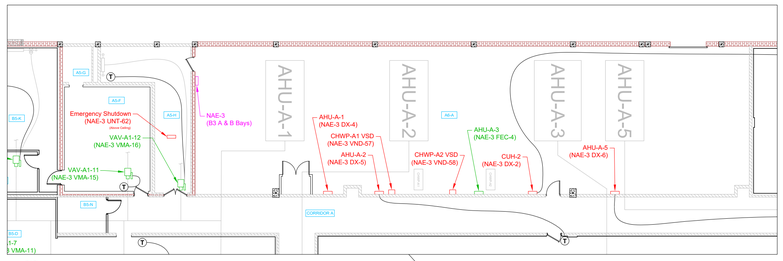
PROJECT TITLE:
REPLACE JOHNSON CONTROLS
N2 CONTROLLERS, SITE

ROME RESEARCH SITE

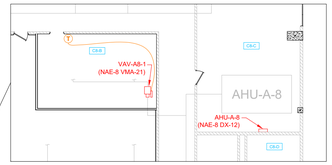
SHEET TITLE:
TEMPERATURE CONTROL
BLDG. 2 SOUTH FLOOR PLAN

PROJECT MANAGER: MWF
DESIGNER: MWF
DRAFTER: MWF
PROJECT NO: ULDF22-0002

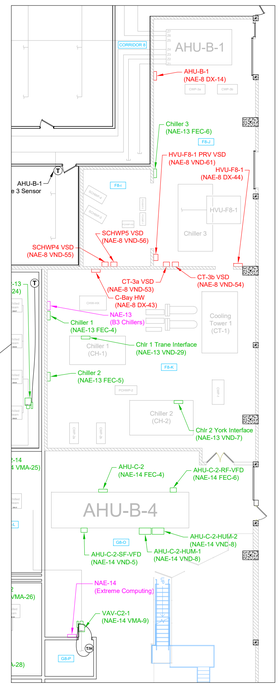
DRAWING NO:	SHEET:	FACILITY NO:	DATE:
TC-102	2 OF 8	BLDG. 2	10 APR 2026



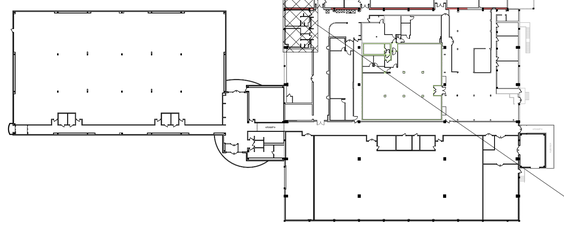
N **ENLARGED VIEW 1**
BLDG 3 1/16"=1'-0"



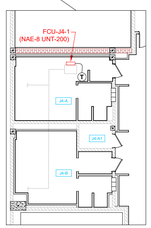
N **ENLARGED VIEW 2**
BLDG 3 1/16"=1'-0"



N **ENLARGED VIEW 3**
BLDG 3 1/16"=1'-0"



N **GROUND FLOOR KEY PLAN**
BLDG 3 1/64"=1'-0"



N **ENLARGED VIEW 4**
BLDG 3 1/16"=1'-0"

COLOR CODE LEGEND:

RED	EXISTING JOHNSON CONTROLS N2 DEVICES TO BE REPLACED OR REMOVED
GREEN	EXISTING JOHNSON CONTROLS MS/TP DEVICES TO REMAIN. REFER TO BUS SCHEDULE.
ORANGE	EXISTING ZONE SENSOR THAT WILL BE INCOMPATIBLE WITH NEW CONTROLLER - REPLACE WITH NEW DEVICE

BUILDING 3 NOTES:

1. EXECUTE ALL WORK IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE NATIONAL ELECTRICAL CODE AND UNIFIED FACILITIES CRITERIA.
2. REPLACE OR REMOVE ALL EXISTING N2 DEVICES AS SHOWN ON THIS DRAWING (IN RED) AND ACCORDING TO THE CONTROLLER SCHEDULE ON PAGE TC-501, WITH UP-TO-DATE BACNET MS/TP DEVICES. UTILIZE EXISTING ENCLOSURES FOR NEW CONTROL DEVICES.
3. CONNECT NEW CONTROLLERS TO FIELD COMMUNICATION BUSSES AS SHOWN IN THE SCHEDULE ON THIS PAGE. PROVIDE AND INSTALL NEW BUS WIRING AS NECESSARY. ADDRESS NEW AND AFFECTED EXISTING DEVICES AS SHOWN.
4. REMOVE EXISTING N2 COMMUNICATIONS BUS IN ITS ENTIRETY. RE-USE OF N2 BUS CONDUCTORS IS NOT ALLOWED.
5. REUSE ALL EXISTING END DEVICES UNLESS OTHERWISE NOTED.

Bus	Address	Device	Serves	Disposition	New Device Address	New Device Name	New Bus	Comment
NAE-3 N2-1	1	VND-1	AHU-A-1 VSD (ABB ACH550)	Remove	-	-	-	-
NAE-3 N2-1	2	DX-2	CUH-2 (NE Entry CUH)	Remove	-	-	-	-
NAE-3 N2-1	4	DX-4	AHU-A-1	Replace	24	CGM-24	NAE-3 FC-2	Attach to Existing Bus
NAE-3 N2-1	5	DX-5	AHU-A-2	Replace	25	CGM-25	NAE-3 FC-2	Attach to Existing Bus
NAE-3 N2-1	6	DX-6	AHU-A-5	Replace	26	CGM-26	NAE-3 FC-2	Attach to Existing Bus
NAE-3 N2-1	7	DX-7	AHU-B-2	Replace	29	CGM-29	NAE-6 FC-1	Attach to Existing Bus
NAE-3 N2-1	9	DX-9	AHU-B-3	Replace	30	CGM-30	NAE-6 FC-1	Attach to Existing Bus
NAE-3 N2-1	30	DX-30	AHU-C-4	Replace	5	CGM-5	NAE-8 FC-1	Replace N2 Bus with FC Bus
NAE-3 N2-1	31	UNT-31	AHU-C-4 Zones	Remove	-	-	-	-
NAE-3 N2-1	57	VND-57	CHWP-A1 VSD (Allen Bradley)	Remove	-	-	-	-
NAE-3 N2-1	58	VND-58	CHWP-A2 VSD (Allen Bradley)	Remove	-	-	-	-
NAE-3 N2-1	62	UNT-62	Bldg. 3 Emergency Shutdown	Replace	27	CGM-27	NAE-3 FC-2	Attach to Existing Bus
NAE-8 N2-1	12	DX-12	AHU-A-8	Replace	28	CGM-28	NAE-3 FC-2	Attach to Existing Bus
NAE-8 N2-1	14	DX-14	AHU-B-1	Replace	8	CGM-8	NAE-13 FC-1	Attach to Existing Bus
NAE-8 N2-1	15	UNT-15	AHU-B-1 Zones	Remove	-	-	-	-
NAE-8 N2-1	21	VMA-21	VAV-A8-1	Replace	29	CVM-29	NAE-3 FC-2	Attach to Existing Bus
NAE-8 N2-1	43	DX-43	C-Bay Hot Water	Replace	9	CGM-9	NAE-13 FC-1	Attach to Existing Bus
NAE-8 N2-1	44	DX-44	B-Bay Mech Rm HV Unit	Replace	10	CGM-10	NAE-13 FC-1	Attach to Existing Bus
NAE-8 N2-1	53	VND-53	Chiller 3 Cooling Tower Fan A VSD	Remove N2 bus	-	-	-	-
NAE-8 N2-1	54	VND-54	Chiller 3 Cooling Tower Fan B VSD	Remove N2 bus	-	-	-	-
NAE-8 N2-1	55	VND-55	Secondary CHW Pump 4 VSD	Remove N2 bus	-	-	-	-
NAE-8 N2-1	56	VND-56	Secondary CHW Pump 5 VSD	Remove N2 bus	-	-	-	-
NAE-8 N2-1	59	VND-59	C-Bay CHW Pump 3 VSD	Remove N2 bus	-	-	-	-
NAE-8 N2-1	60	VND-60	C-Bay CHW Pump 4 VSD	Remove N2 bus	-	-	-	-
NAE-8 N2-1	61	VND-61	B-Bay Mech Rm PRV VSD	Remove N2 bus	-	-	-	-
NAE-8 N2-1	200	UNT-200	D-Bay Commons Bathroom FCU	Replace	74	CGM-74	NAE-5 FC-1	Attach to Existing Bus

JOHNSON CONTROLS FIELD BUS SCHEDULE

Air Force Research Laboratory
ROME RESEARCH SITE, NEW YORK

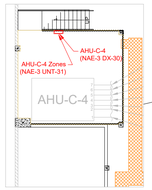
PROJECT TITLE:
REPLACE JOHNSON CONTROLS N2 CONTROLLERS, SITE

ROME RESEARCH SITE

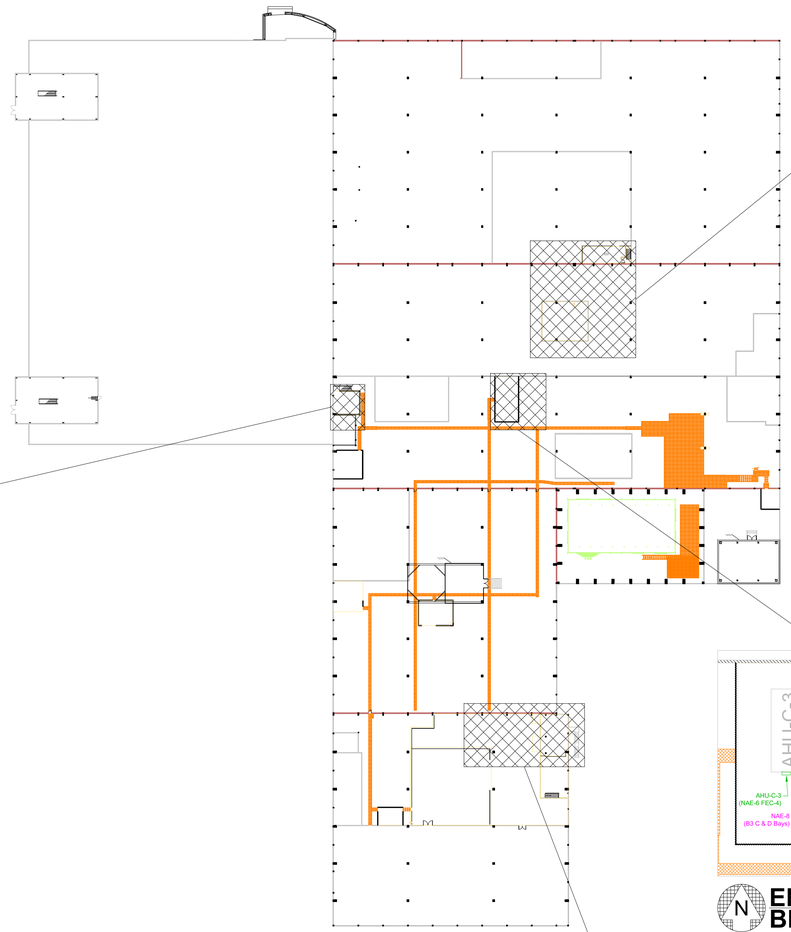
SHEET TITLE:
TEMPERATURE CONTROL
BLDG. 3 GROUND FLOOR PLAN

PROJECT MANAGER: MWF
DESIGNER: MWF
DRAFTER: MWF
PROJECT NO: ULDF22-0002

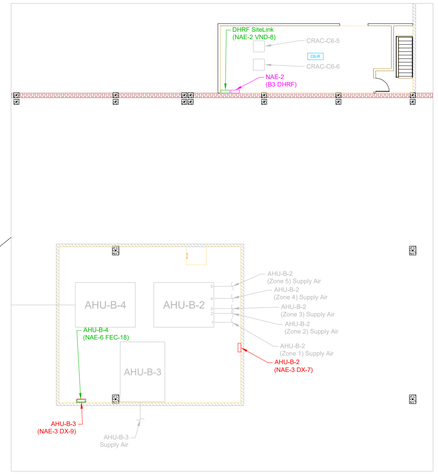
DRAWING NO:	SHEET:	FACILITY NO:	DATE:
TC-201	3 OF 8	BLDG. 3	10 APR 2026



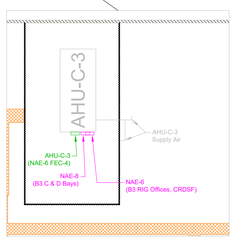
ENLARGED VIEW 1
BLDG 3 1/16"=1'-0"



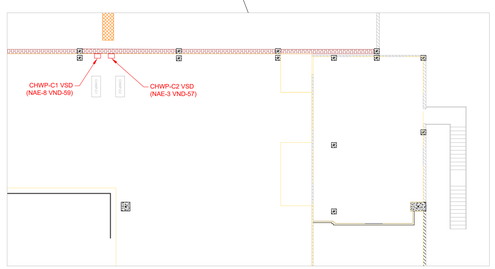
MEZZANINE KEY PLAN
BLDG 3 1/64"=1'-0"



ENLARGED VIEW 2
BLDG 3 1/16"=1'-0"



ENLARGED VIEW 3
BLDG 3 1/16"=1'-0"



ENLARGED VIEW 4
BLDG 3 1/16"=1'-0"

Air Force Research Laboratory

ROME RESEARCH SITE, NEW YORK

PROJECT TITLE:
REPLACE JOHNSON CONTROLS N2 CONTROLLERS, SITE

ROME RESEARCH SITE

SHEET TITLE:
TEMPERATURE CONTROL
BLDG. 3 MEZZANINE FLOOR PLAN

PROJECT MANAGER: MWF
DESIGNER: MWF
DRAFTER: MWF
PROJECT NO: ULDF22-0002

DRAWING NO:	SHEET:	FACILITY NO:	DATE:
TC-202	4 OF 8	BLDG. 3	10 APR 2026

Bus	Address	Device	Serves	Disposition	New Device Address	New Device Name	New Bus
NAE-7 N2-1	1	DX-9100-8454	AHU-P1	To Be Replaced in Separate Contract.	-	-	-
NAE-7 N2-1	3	DX-9100-8454	AHU-P2	To Be Replaced in Separate Contract.	-	-	-
NAE-7 N2-1	5	DX-9100-8454	AHU-E	To Be Replaced in Separate Contract.	-	-	-
NAE-7 N2-1	8	DX-9100-8454	AHU-A1	To Be Replaced in Separate Contract.	-	-	-
NAE-7 N2-1	10	DX-9100-8454	AHU-A2	To Be Replaced in Separate Contract.	-	-	-
NAE-7 N2-1	17	DX-9100-8454	AHU-CRYO	Replace	58	CGM-58	NAE-4 FC-1
NAE-7 N2-1	21	MS-VMA1420-0	VAV-E-2b-2	Replace	38	CVM-38	NAE-12 FC-2
NAE-7 N2-1	22	MS-VMA1420-0	VAV-E-2b-1	Replace	39	CVM-39	NAE-12 FC-2
NAE-7 N2-1	23	MS-VMA1420-0	VAV-E-2b-3	Replace	40	CVM-40	NAE-12 FC-2
NAE-7 N2-1	24	MS-VMA1420-0	VAV-E-2a-2	Replace	41	CVM-41	NAE-12 FC-2
NAE-7 N2-1	25	MS-VMA1420-0	VAV-E-2a-1	Replace	42	CVM-42	NAE-12 FC-2
NAE-7 N2-1	26	AS-UNT1144-0	NOC Perimeter Heat	Replace	43	CGM-43	NAE-12 FC-2
NAE-7 N2-1	27	AS-UNT1144-0	NOC Perimeter Heat	Replace	44	CGM-44	NAE-12 FC-2
NAE-7 N2-1	101	DX-9100-8454	1st Flr Perimeter Heat	Replace	59	CGM-59	NAE-4 FC-1
NAE-7 N2-1	102	DX-9100-8454	1st Flr Perimeter Heat	Replace	60	CGM-60	NAE-4 FC-1
NAE-7 N2-1	103	DX-9100-8454	1st Flr Perimeter Heat	Remove	-	-	-
NAE-7 N2-1	104	DX-9100-8454	1st Flr Perimeter Heat	Replace	61	CGM-61	NAE-4 FC-1
NAE-7 N2-1	105	DX-9100-8454	1st Flr Perimeter Heat	Remove	-	-	-
NAE-7 N2-1	106	DX-9100-8454	1st Flr Perimeter Heat	Replace	62	CGM-62	NAE-4 FC-1
NAE-7 N2-1	107	DX-9100-8454	1st Flr Perimeter Heat	Remove	-	-	-
NAE-7 N2-1	108	DX-9100-8454	AHU-RePro	Replace	11	CGM-11	NAE-7 FC-2
NAE-7 N2-1	175	MS-VMA1420-0	VAV-E-1b-1	Replace	63	CVM-63	NAE-4 FC-1
NAE-7 N2-1	176	MS-VMA1420-0	VAV-E-1a-1	Replace	64	CVM-64	NAE-4 FC-1
NAE-7 N2-1	178	MS-VMA1420-0	VAV-P1-1-2	Replace	66	CVM-66	NAE-4 FC-1
NAE-7 N2-1	180	MS-VMA1420-0	VAV-P2-12-2	Replace	68	CVM-68	NAE-4 FC-1
NAE-7 N2-1	181	MS-VMA1420-0	VAV-P2-12-4	Replace	69	CVM-69	NAE-4 FC-1
NAE-7 N2-1	182	MS-VMA1420-0	VAV-A2-1b-1	Replace	70	CVM-70	NAE-4 FC-1
NAE-7 N2-1	183	MS-VMA1420-0	VAV-A2-1a-1	Replace	71	CVM-71	NAE-4 FC-1
NAE-7 N2-1	201	DX-9100-8454	2nd Flr Perimeter Heat	Replace	45	CGM-45	NAE-12 FC-2
NAE-7 N2-1	202	DX-9100-8454	2nd Flr Perimeter Heat	Remove	-	-	-
NAE-7 N2-1	203	DX-9100-8454	2nd Flr Perimeter Heat	Remove	-	-	-
NAE-7 N2-1	204	DX-9100-8454	2nd Flr Perimeter Heat	Remove	-	-	-
NAE-7 N2-1	232	MS-VMA1420-0	VAV-A2-2-5	Replace	72	CVM-72	NAE-4 FC-1
NAE-7 N2-1	234	MS-VMA1420-0	VAV-A2-2-2	Replace	73	CVM-73	NAE-4 FC-1

JOHNSON CONTROLS FIELD BUS SCHEDULE

COLOR CODE LEGEND:

RED EXISTING JOHNSON CONTROLS N2 DEVICES TO BE REPLACED OR REMOVED

GREEN EXISTING JOHNSON CONTROLS MS/TP DEVICES TO REMAIN. REFER TO BUS SCHEDULE.

ORANGE EXISTING ZONE SENSOR THAT WILL BE INCOMPATIBLE WITH NEW CONTROLLER - REPLACE

BUILDING 106 NOTES:

1. EXECUTE ALL WORK IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE NATIONAL ELECTRICAL CODE AND UNIFIED FACILITIES CRITERIA.
2. REPLACE OR REMOVE ALL EXISTING N2 DEVICES AS SHOWN ON THIS DRAWING (IN RED) AND ACCORDING TO THE CONTROLLER SCHEDULE ON PAGE TC-501, WITH UP-TO-DATE BACNET MS/TP DEVICES. UTILIZE EXISTING ENCLOSURES FOR NEW CONTROL DEVICES.
3. CONNECT NEW CONTROLLERS TO FIELD COMMUNICATION BUSSES AS SHOWN IN THE SCHEDULE ON THIS PAGE. RUN NEW CONDUCTORS AS APPROPRIATE. ADDRESS NEW AND AFFECTED EXISTING DEVICES AS SHOWN.
4. N2 COMMUNICATIONS BUS MUST REMAIN INTACT FOR CONTINUED COMMUNICATION TO THE EXISTING AIR HANDLERS. ALL UNNECESSARY N2 BUS SHALL BE REMOVED.

N

EXISTING FIRST FLOOR PLAN
BLDG 106 1/16"=1'-0"

Air Force Research Laboratory

ROME RESEARCH SITE, NEW YORK

PROJECT TITLE:
REPLACE JOHNSON CONTROLS N2 CONTROLLERS, SITE

ROME RESEARCH SITE

SHEET TITLE:
TEMPERATURE CONTROL
BLDG. 106 FIRST FLOOR PLAN

PROJECT MANAGER: MWF
DESIGNER: MWF
DRAFTER: MWF
PROJECT NO: ULDF22-0002

DRAWING NO:	SHEET:	FACILITY NO:	DATE:
TC-301	5 OF 8	BLDG. 106	10 APR 2026

EXISTING SECOND FLOOR PLAN
BLDG 106 1/16"=1'-0"

N

AHU-Auditorium (NAE-4 FEC-42)
AHU-Auditorium SF-VSD (NAE-4 VND-43)
To Downstairs T-stat (VMA-181 Sideloop)
DX-203 Ai-4, AO-15
DX-203 Ai-5, AO-11
DX-203 Ai-6, AO-12
DX-203 Ai-7, AO-13
DX-203 Ai-8, AO-14
VMA-232 Sideloop
VMA-234 Sideloop
DX-204 Ai-1, AO-1
DX-204 Ai-2, AO-2
DX-202 Ai-7, AO-13
VAV-A2-2-4 (NAE-4 VMA-23)
VAV-A2-2-5 (NAE-7 VMA-232)
VAV-A2-2-3 (NAE-4 VMA-24)
VAV-A2-2-2 (NAE-7 VMA-234)
VAV-A2-2-1 (NAE-4 VMA-25)
AHU-A2 RHC-8
Duct from RHC-A2-2 (RHC-8)
AHU-VTC
AHU-VTC Supply Air
AHU-VTC SF-VSD (NAE-7 VND-8)
AHU-VTC RF-VSD (NAE-7 VND-9)
AHU-RePro (NAE-7 DX-108)
NAE-7 (B106 AHU's, Perimeter)
DX-201 Ai-1, AO-1
DX-201 Ai-2, AO-2
AHU-E (NIC) (NAE-7 DX-5)
AHUJE
AHU-Repro
AHU-A1 (RHC-A1-2)
VAV-A1-2-3 (NAE-4 VMA-26)
VAV-A1-2-4 (NAE-4 VMA-28)
VAV-A1-2-2 (NAE-4 VMA-27)
VAV-A1-2-1 (NAE-4 VMA-29)
Duct from RHC-A1-1 (RHC-9)
AHU-P2 RHC-2
VAV-P12-10 (NAE-12 CVM-31)
VAV-P12-11 (NAE-12 CVM-32)
VAV-P12-8 (NAE-12 CVM-28)
VAV-P12-9 (NAE-12 CVM-30)
VAV-P12-7 (NAE-12 CVM-29)
VAV-P12-6 (NAE-12 CVM-27)
AHU-B2 RHC-10
VAV-B2-2-2 (NAE-4 VMA-31)
VAV-B2-2-3 (NAE-4 VMA-30)
Duct from RHC-B2-2 (RHC-10)
VAV-B2-2-7 (NAE-12 VMA-7)
VAV-B2-2-6 (NAE-12 VMA-4)
VAV-B2-2-5 (NAE-12 VMA-5)
VAV-B2-2-4 (NAE-12 VMA-6)
VAV-B2-2-9 (NAE-12 VMA-15)
VAV-B2-2-10 (NAE-12 VMA-16)
VAV-B2-2-8 (NAE-12 VMA-14)
FTR Flr-2 [W,N] (NAE-7 DX-203), FTR Flr-2 [N] (NAE-7 DX-204)
FTR Flr-2 [E] (NAE-7 DX-201), FTR Flr-2 [SW] (NAE-7 DX-202)
VAV-B1-2-2 (NAE-12 VMA-8)
VAV-B1-2-3 (NAE-12 VMA-10)
VAV-B1-2-4 (NAE-12 VMA-9)
VAV-B1-2-7 (NAE-12 VMA-21)
VAV-B1-2-9 (NAE-12 VMA-13)
VAV-B1-2-10 (NAE-12 VMA-12)
VAV-B1-2-8 (NAE-12 VMA-20)
VAV-B1-2-6 (NAE-12 VMA-11)
VAV-B1-2-5 (NAE-12 VMA-14)
VAV-P1-2-5 (NAE-12 VMA-12)
VAV-P1-2-3 (NAE-12 VMA-13)
VAV-P1-2-12 (NAE-12 VMA-17)
VAV-P1-2-10 (NAE-12 VMA-18)
VAV-P1-2-11 (NAE-12 VMA-23)
VAV-P1-2-8 (NAE-12 VMA-24)
VAV-P1-2-9 (NAE-12 VMA-25)
VAV-P1-2-4 (NAE-12 VMA-19)
VAV-P1-2-6 (NAE-12 VMA-26)
VAV-P1-2-7 (NAE-12 VMA-22)
Duct from RHC-P2-1 (RHC-2)
AHU-P1 RHC-3
DX-103 Ai-8, AO-14
To Valve Downstairs
Duct from RHC-B1-2 (RHC-13)
Duct from RHC-P1-2 (RHC-3)
VAV-P1-2-16 (NAE-12 VMA-10)
VAV-P1-2-15 (NAE-12 VMA-8)
VAV-P1-2-13 (NAE-12 VMA-4)
VAV-P1-2-14 (NAE-12 VMA-6)
VAV-P1-2-20 (NAE-12 VMA-11)
VAV-P1-2-18 (NAE-12 VMA-7)
VAV-P1-2-19 (NAE-12 VMA-9)
VAV-P1-2-17 (NAE-12 VMA-5)
VAV-B3-2-8 (NAE-12 VMA-18)
VAV-B3-2-7 (NAE-12 VMA-17)
VAV-B3-2-5 (NAE-12 VMA-20)
VAV-B3-2-1 (NAE-12 VMA-24)
VAV-B3-2-3 (NAE-12 VMA-22)
VAV-B3-2-4 (NAE-12 VMA-21)
VAV-B3-2-6 (NAE-12 VMA-19)
VAV-B3-2-2 (NAE-12 VMA-23)
VAV-B3-2-11 (NAE-12 VMA-27)
VAV-B3-2-12 (NAE-12 VMA-28)
VAV-B3-2-13 (NAE-12 VMA-29)
VAV-B3-2-10 (NAE-12 VMA-26)
VAV-B3-2-9 (NAE-12 VMA-25)
VAV-B3-2-14 (NAE-12 VMA-30)
VAV-B3-2-15 (NAE-12 VMA-33)
VAV-B3-2-16 (NAE-12 VMA-32)
VAV-B3-2-17 (NAE-12 VMA-31)
UNT-26 Ai-1, AO-1
UNT-26 Ai-2, AO-2
UNT-26 Ai-3, AO-3
UNT-26 Ai-4, AO-4
FTR Flr-2 [W-Corr W] (NAE-7 UNT-26)
Duct from RHC-E-2a (RHC-6)
Duct from RHC-E-2b (RHC-7)
VAV-E-2a-1 (NAE-7 VMA-25)
VAV-E-2b-1 (NAE-7 VMA-22)
VAV-E-2b-2 (NAE-7 VMA-21)
VAV-E-2a-2 (NAE-7 VMA-24)
VAV-E-2b-3 (NAE-7 VMA-23)
VMA-25 Sideloop
VMA-24 Sideloop
VMA-22 Sideloop
VMA-23 Sideloop
UNT-27 Ai-4, AO-4
UNT-27 Ai-3, AO-3
UNT-27 Ai-2, AO-2
UNT-27 Ai-1, AO-1
To Downstairs T-stat (DX-101 Ai-2, AO-2)
FTR Flr-2 [W-Corr E] (NAE-7 UNT-27)
SUITE E2B
SUITE E2C
SUITE E2D
SUITE F2B
SUITE F2C
SUITE F2D
SUITE G2C
SUITE G2D
AHU-Chillr Rm
Electric Baseboard
Auditorium AHU
Vestibule
WEST CORRIDOR
EAST CORRIDOR
CORRIDOR B
CORRIDOR C
CORRIDOR D
Corridor E
Corridor F
Wind Corridor

Air Force Research Laboratory
Rome Research Site, New York

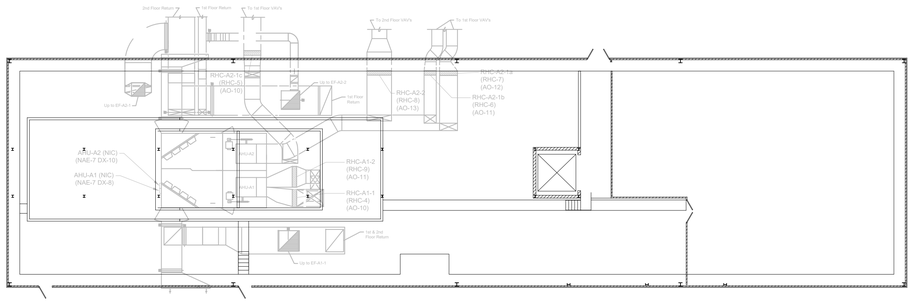
PROJECT TITLE:
REPLACE JOHNSON CONTROLS N2 CONTROLLERS, SITE

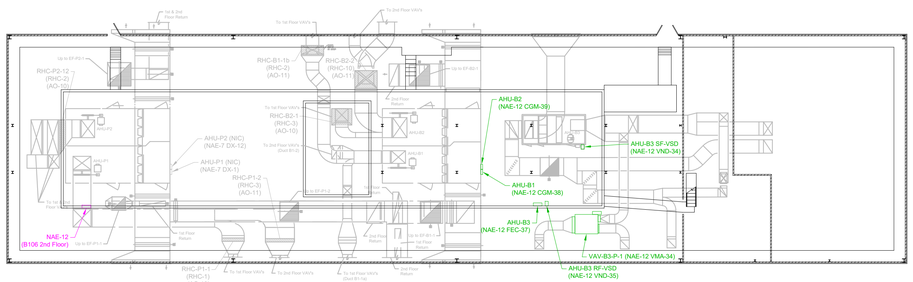
ROME RESEARCH SITE

SHEET TITLE:
TEMPERATURE CONTROL
BLDG. 106 SECOND FLOOR PLAN

PROJECT MANAGER: MWF
DESIGNER: MWF
DRAFTER: MWF
PROJECT NO: ULDF22-0002

DRAWING NO:	SHEET:	FACILITY NO:	DATE:
TC-302	6 OF 8	BLDG. 106	10 APR 2026





MONITOR LEVEL FLOOR PLAN
BLDG 106 1/16"=1'-0"

Air Force Research Laboratory

ROME RESEARCH SITE, NEW YORK

PROJECT TITLE:
REPLACE JOHNSON CONTROLS
N2 CONTROLLERS, SITE

ROME RESEARCH SITE

SHEET TITLE:
TEMPERATURE CONTROL
BLDG. 106 MONITORS FLOOR PLAN

PROJECT MANAGER: MWF
DESIGNER: MWF
DRAFTER: MWF
PROJECT NO: ULDF22-0002

DRAWING NO:	SHEET:	FACILITY NO:	DATE:
TC-303	7 OF 8	BLDG. 106	10 APR 2026

				Existing Control							Disposition	New Control								
Building	Supervisory Device	Bus	Address	Controller Type	Service	AI	AO	BI	BO			AI	AO	BI	BO	Supervisory Device	Bus	Controller Name	Controller Type	Expansion
2	NAE-1	N2-1	1	DX-9100-8454	AHU-1 (Transportation)	11	4	2	2		Replace - remove damper/valve status's (-2AI,-1BI), combine with area FTR (+5AI,+5AO)	14	9	2	2	NAE-1	FC-1	CGM-5	M4-CGM09090-0H	M4-XPM09090-0
2	NAE-1	N2-1	2	DX-9100-8454	AHU-2 (RIOL/RIOC)	10	6	8	4		Replace - remove damper status's and smoke detector (-4AI,-2BI)	6	6	6	4	NAE-1	FC-1	CGM-6	M4-CGM09090-0H	M4-XPM04060-0
2	NAE-1	N2-1	4	DX-9100-8454	HVU-1 (Vehicle Bay W)	-	-	-	-		Remove	-	-	-	-	-	-	-		
2	NAE-1	N2-1	5	DX-9100-8454	HVU-2 (Vehicle Bay E)	-	-	-	-		Remove	-	-	-	-	-	-	-		
2	NAE-1	N2-1	6	DX-9100-8454	Chilled Water System	-	-	1	1		Remove - move existing exhaust fan points to UNT-25 replacement (-1BI,-1BO)	-	-	-	-	NAE-1	FC-1	CGM-10		
2	NAE-1	N2-1	7	AS-UNT140-1	VAV's 1, 2, 3	3	-	-	6		Replace - change damper motors from incremental to modulating (-6BO,+3AO)	3	3	-	-	NAE-1	FC-2	CGM-21	M4-CGM04060-0	
2	NAE-1	N2-1	8	AS-UNT140-1	VAV's 4, 5, 6	3	-	-	6		Replace - change damper motors from incremental to modulating (-6BO,+3AO), incorporate associated FTR points (+2AO)	3	5	-	-	NAE-1	FC-2	CGM-22	M4-CGM09090-0	
2	NAE-1	N2-1	9	AS-UNT140-1	VAV's 7, 8, 15	3	-	-	6		Replace - change damper motors from incremental to modulating (-6BO,+3AO), incorporate associated FTR points (+1AO)	3	4	-	-	NAE-1	FC-2	CGM-23	M4-CGM09090-0	
2	NAE-1	N2-1	10	AS-UNT140-1	VAV's 13, 14, 9, 16	4	-	-	8		Replace - change damper motors from incremental to modulating (-8BO,+4AO), incorporate associated FTR points (+1AI,+2AO)	5	6	-	-	NAE-1	FC-2	CGM-24	M4-CGM09090-0	
2	NAE-1	N2-1	11	AS-UNT140-1	VAV's 10, 11, 12	3	-	-	6		Replace - change damper motors from incremental to modulating (-6BO,+3AO), incorporate associated FTR points (+3AO)	3	6	-	-	NAE-1	FC-2	CGM-25	M4-CGM09090-0	
2	NAE-1	N2-1	13	AS-UNT330-1	Air Cooled Chiller (McQuay OEM)	-	-	-	-		Remove - (abandon in place)	-	-	-	-	-	-	-		
2	NAE-1	N2-1	14	AS-UNT140-1	Rm A101 Unit Heater	1	-	1	2		Replace - power valve and fan command from one output (-1BO)	1	-	1	1	NAE-1	FC-1	TEC-7	TEC3612-14-000	
2	NAE-1	N2-1	15	AS-UNT140-1	Comm Rm (A106) ACU's	-	-	-	-		Remove	-	-	-	-	-	-	-		
2	NAE-1	N2-1	16	AS-UNT141-1	COMSEC AHU	3	1	1	2		Replace	3	1	1	2	NAE-1	FC-1	CGM-8	M4-CGM04060-0	
2	NAE-1	N2-1	18	AS-UNT1144-0	AHU-3 (CE Shop)	4	3	2	2		Replace	4	3	2	2	NAE-1	FC-2	CGM-26	M4-CGM09090-0H	
2	NAE-1	N2-1	19	AS-UNT1144-0	FTR (AHU-2 Area)	-	4	-	-		Remove - move points to VAV controller(s)	-	-	-	-	NAE-1	FC-2	CGM-22,23,24		
2	NAE-1	N2-1	20	AS-UNT1144-0	FTR (AHU-2 Area)	1	4	-	-		Remove - move points to VAV controller(s)	-	-	-	-	NAE-1	FC-1	CGM-24,25		
2	NAE-1	N2-1	21	AS-UNT1144-0	FTR (AHU-1 Area)	4	4	-	-		Remove - move points to new AHU-1 controller	-	-	-	-	NAE-1	FC-1	CGM-5		
2	NAE-1	N2-1	22	AS-UNT1144-0	FTR (AHU-1 Area)	1	1	-	-		Remove - move points to new AHU-1 controller	-	-	-	-	NAE-1	FC-1	CGM-5		
2	NAE-1	N2-1	25	AS-UNT1144-0	FTR (RIOL Break Area)	3	4	-	-		Replace - incorporate exhaust fan points from DX-6 (+1BI,+1BO)	3	4	1	1	NAE-1	FC-1	CGM-10	M4-CGM04060-0	
3	NAE-3	N2-1	1	VND	AHU-A-1 VSD (ABB ACH550)	-	-	-	-		Remove - (N2 bus only)	-	-	-	-	-	-	-		
3	NAE-3	N2-1	2	DX-9100-8454	CUH-2 (NE Entry CUH)	1	-	1	2		Remove - move exising CUH points to AHU-A-5 controller (-1AI,-1BI,-1BO)	-	-	-	-	NAE-3	FC-2	CGM-25		
3	NAE-3	N2-1	4	DX-9100-8454	AHU-A-1	5	5	4	2		Replace - remove smoke detector points (-2BI)	5	5	2	2	NAE-3	FC-2	CGM-24	M4-CGM09090-0H	
3	NAE-3	N2-1	5	DX-9100-8454	AHU-A-2	12	7	5	3		Replace	12	7	5	3	NAE-3	FC-2	CGM-25	M4-CGM09090-0H	M4-XPM09090-0
3	NAE-3	N2-1	6	DX-9100-8454	AHU-A-5	8	5	7	3		Replace - remove smoke detector points (-2BI), add CUH points from DX-2 (+1AI,+1BI,+1BO)	9	5	6	5	NAE-3	FC-2	CGM-26	M4-CGM09090-0H	M4-XPM09090-0
3	NAE-3	N2-1	7	DX-9100-8454	AHU-B-2	10	9	5	1		Replace - remove smoke detector points (-2BI)	10	9	3	1	NAE-6	FC-1	CGM-29	M4-CGM09090-0H	M4-XPM09090-0
3	NAE-3	N2-1	9	DX-9100-8454	AHU-B-3	5	4	5	1		Replace - remove smoke detector points (-2BI)	5	4	3	1	NAE-6	FC-1	CGM-30	M4-CGM09090-0H	
3	NAE-3	N2-1	30	DX-9100-8454	AHU-C-4	8	7	6	5		Replace - remove humidifier output (-1AO), incorporate points from UNT-31 (+4AI,+4AO)	12	10	6	5	NAE-8	FC-1	CGM-5	M4-CGM09090-0H	M4-XPM09090-0
3	NAE-3	N2-1	31	AS-UNT1144-0	AHU-C-4 Zones	4	4	-	-		Remove - move points to DX-30 replacement (-4AI,-4AO)	-	-	-	-	NAE-8	FC-1	CGM-5		
3	NAE-3	N2-1	57	VND	CHWP-A1 VSD (Allen Bradley)	-	-	-	-		Remove - (N2 bus only)	-	-	-	-	-	-	-		
3	NAE-3	N2-1	58	VND	CHWP-A2 VSD (Allen Bradley)	-	-	-	-		Remove - (N2 bus only)	-	-	-	-	-	-	-		
3	NAE-3	N2-1	62	AS-UNT1108-0	Bldg. 3 Emergency Shutdown	4	-	-	-		Replace - remove B104 Shutdown Button status (-1BI)	3	-	-	-	NAE-3	FC-2	CGM-27	M4-CGM04060-0	
106	NAE-7	N2-1	1	DX-9100-8454	AHU-P1	-	-	-	-		To Be Replaced in Separate Contract.	-	-	-	-	-	-	-		
106	NAE-7	N2-1	3	DX-9100-8454	AHU-P2	-	-	-	-		To Be Replaced in Separate Contract.	-	-	-	-	-	-	-		
106	NAE-7	N2-1	5	DX-9100-8454	AHU-E	-	-	-	-		To Be Replaced in Separate Contract.	-	-	-	-	-	-	-		
106	NAE-7	N2-1	8	DX-9100-8454	AHU-A1	-	-	-	-		To Be Replaced in Separate Contract.	-	-	-	-	-	-	-		
106	NAE-7	N2-1	10	DX-9100-8454	AHU-A2	-	-	-	-		To Be Replaced in Separate Contract.	-	-	-	-	-	-	-		
106	NAE-7	N2-1	17	DX-9100-8454	AHU-CRYO	22	11	10	5		Replace - remove all unnecessary points (-15AI,-6AO,-5BI,-1BO)	7	5	5	4	SNE-2	FC-1	CGM-58	M4-CGM09090-0H	M4-XPM04060-0
106	NAE-7	N2-1	21	MS-VMA1420-0	VAV-E-2b-2	VAV+SupHtg					Replace	VAV+SupHtg				NAE-12	FC-2	CVM-38	M4-CVM03050-0	
106	NAE-7	N2-1	22	MS-VMA1420-0	VAV-E-2b-1	VAV+SupHtg+HtgSL					Replace	VAV+SupHtg+HtgSL				NAE-12	FC-2	CVM-39	M4-CVM03050-0	
106	NAE-7	N2-1	23	MS-VMA1420-0	VAV-E-2b-3	VAV+SupHtg+HtgSL					Replace	VAV+SupHtg+HtgSL				NAE-12	FC-2	CVM-40	M4-CVM03050-0	
106	NAE-7	N2-1	24	MS-VMA1420-0	VAV-E-2a-2	VAV+SupHtg+HtgSL					Replace	VAV+SupHtg+HtgSL				NAE-12	FC-2	CVM-41	M4-CVM03050-0	
106	NAE-7	N2-1	25	MS-VMA1420-0	VAV-E-2a-1	VAV+SupHtg+HtgSL					Replace	VAV+SupHtg+HtgSL				NAE-12	FC-2	CVM-42	M4-CVM03050-0	
106	NAE-7	N2-1	26	AS-UNT1144-0	NOC Perimeter Heat	4	4	-	-		Replace	4	4	-	-	NAE-12	FC-2	CGM-43	M4-CGM09090-0	
106	NAE-7	N2-1	27	AS-UNT1144-0	NOC Perimeter Heat	4	4	-	-		Replace	4	4	-	-	NAE-12	FC-2	CGM-44	M4-CGM09090-0	
106	NAE-7	N2-1	101	DX-9100-8454	1st Flr Perimeter Heat	8	8	-	-		Replace - incorporate first four zones from DX-102 (+4AI,+4AO)	12	12	-	-	SNE-2	FC-1	CGM-59	M4-CGM09090-0H	M4-XPM09090-0
106	NAE-7	N2-1	102	DX-9100-8454	1st Flr Perimeter Heat	8	8	-	-		Replace - move first four zones to DX-101 replacement (-4AI,-4AO), add all zones from DX-103 (+7AI,+7AO)	11	11	-	-	SNE-2	FC-1	CGM-59,60	M4-CGM09090-0H	M4-XPM09090-0
106	NAE-7	N2-1	103	DX-9100-8454	1st Flr Perimeter Heat	7	7	-	-		Remove - move points to DX-102 replacement (-7AI,-7AO)	-	-	-	-	SNE-2	FC-1	CGM-60		
106	NAE-7	N2-1	104	DX-9100-8454	1st Flr Perimeter Heat	4	4	-	-		Replace - incorporate points from DX-105 (+8AI,+8AO)	12	12	-	-	SNE-2	FC-1	CGM-61	M4-CGM09090-0H	M4-XPM09090-0
106	NAE-7	N2-1	105	DX-9100-8454	1st Flr Perimeter Heat	8	8	-	-		Remove - move points to DX-104 replacement (-8AI,-8AO)	-	-	-	-	SNE-2	FC-1	CGM-61		
106	NAE-7	N2-1	106	DX-9100-8454	1st Flr Perimeter Heat	8	8	-	-		Replace - incorporate points from DX-107 (+3AI,+3AO)	11	11	-	-	SNE-2	FC-1	CGM-62	M4-CGM09090-0H	M4-XPM09090-0
106	NAE-7	N2-1	107	DX-9100-8454	1st Flr Perimeter Heat	3	3	-	-		Remove - move points to DX-106 replacement (-3AI,-3AO)	-	-	-	-	SNE-2	FC-1	CGM-62		
106	NAE-7	N2-1	108	DX-9100-8454	AHU-RePro	2	1	1	2		Replace	2	1	1	2	NAE-7	FC-2	CGM-11	M4-CGM04060-0	
106	NAE-7	N2-1	175	MS-VMA1420-0	VAV-E-1b-1	VAV+HtgSL					Replace	VAV+HtgSL				SNE-2	FC-1	CVM-63	M4-CVM03050-0	
106	NAE-7	N2-1	176	MS-VMA1420-0	VAV-E-1a-1	VAV+HtgSL					Replace	VAV+HtgSL				SNE-2	FC-1	CVM-64	M4-CVM03050-0	
106	NAE-7	N2-1	178	MS-VMA1420-0	VAV-P1-1-2	VAV					Replace	VAV				SNE-2	FC-1	CVM-66	M4-CVM03050-0	
106	NAE-7	N2-1	180	MS-VMA1420-0	VAV-P2-12-2	VAV+HtgSL					Replace	VAV+HtgSL				SNE-2	FC-1	CVM-68	M4-CVM03050-0	
106	NAE-7	N2-1	181	MS-VMA1420-0	VAV-P2-12-4	VAV+HtgSL					Replace	VAV+HtgSL				SNE-2	FC-1	CVM-69	M4-CVM03050-0	
106	NAE-7	N2-1	182	MS-VMA1420-0	VAV-A2-1b-1	VAV+HtgSL					Replace	VAV+HtgSL				SNE-2	FC-1	CVM-70	M4-CVM03050-0	
106	NAE-7	N2-1	183	MS-VMA1420-0	VAV-A2-1a-1	VAV+HtgSL					Replace	VAV+HtgSL				SNE-2	FC-1	CVM-71	M4-CVM03050-0	
106	NAE-7	N2-1	201	DX-9100-8454	2nd Flr Perimeter Heat	2	2	-	-		Replace - Incorporate points from DX-202 (+2AI,+2AO), DX-203 (+5AI,+5AO), DX-204 (+2AI,+2AO)	11	11	-	-	NAE-12	FC-2	CGM-45	M4-CGM09090-0H	M4-XPM09090-0
106	NAE-7	N2-1	202	DX-9100-8454	2nd Flr Perimeter Heat	2	2	-	-		Remove - move points to DX-201 replacement (-2AI,-2AO)	-	-	-	-	NAE-12	FC-2	CGM-45		
106	NAE-7	N2-1	203	DX-9100-8454	2nd Flr Perimeter Heat	5	5	-	-		Remove - move points to DX-201 replacement (-5AI,-5AO)	-	-	-	-	NAE-12	FC-2	CGM-45		
106	NAE-7	N2-1	204	DX-9100-8454	2nd Flr Perimeter Heat	2	2	-	-		Remove - move points to DX-201 replacement (-2AI,-2AO)	-	-	-	-	NAE-12	FC-2	CGM-45		
106	NAE-7	N2-1	232	MS-VMA1420-0	VAV-A2-2-5	VAV+HtgSL					Replace	VAV+HtgSL				SNE-2	FC-1	CVM-72	M4-CVM03050-0	
106	NAE-7	N2-1	234	MS-VMA1420-0	VAV-A2-2-2	VAV+HtgSL					Replace	VAV+HtgSL				SNE-2	FC-1	CVM-73	M4-CVM03050-0	
3	NAE-8	N2-1	12	DX-9100-8454	AHU-A-8	5	3	1	2		Replace	5	3	1	2	NAE-3	FC-2	CGM-28	M4-CGM09090-0H	
3	NAE-8	N2-1	14	DX-9100-8454	AHU-B-1	8	7	3	2		Replace - remove Zn's 1 & 2 points (-2AI,-2AO), incorporate UNT-15 points (+4AI,+4AO)	10	9	3	2	NAE-13	FC-1	CGM-8	M4-CGM09090-0H	M4-XPM09090-0
3	NAE-8	N2-1	15	AS-UNT1144-0	AHU-B-1 Zones	4	4	-	-		Remove - move points to DX-14 replacement (-4AI,-4AO)	-	-	-	-	NAE-13	FC-1	CGM-8		
3	NAE-8	N2-1	21	MS-VMA1410-0	VAV-A8-1	VAV					Replace	VAV				NAE-3	FC-2	CVM-29	M4-CVM03050-0	
3	NAE-8	N2-1	43	DX-9100-8454	C-Bay Hot Water	3	3	3	3		Replace	3	3	3	3	NAE-13	FC-1	CGM-9	M4-CGM09090-0H	
3	NAE-8	N2-1	44	DX-9100-8454	B-Bay Mech Rm HV Unit	5	5	8	3		Replace	5	5	8	3	NAE-13	FC-1	CGM-10	M4-CGM09090-0H	M4-XPM04060-0
3	NAE-8	N2-1	53	VND	Chiller 3 Cooling Tower Fan A VSD	-	-	-	-		Remove N2 bus	-	-	-	-	-	-	-		
3	NAE-8	N2-1	54	VND	Chiller 3 Cooling Tower Fan B VSD	-	-	-	-		Remove N2 bus	-	-	-	-	-	-	-		
3	NAE-8	N2-1	55	VND	Secondary CHW Pump 4 VSD	-	-	-	-		Remove N2 bus	-	-	-	-	-	-	-		
3	NAE-8	N2-1	56	VND	Secondary CHW Pump 5 VSD	-	-	-	-		Remove N2 bus	-	-	-	-	-	-	-		
3	NAE-8	N2-1	59	VND	C-Bay CHW Pump 3 VSD	-	-	-	-		Remove N2 bus	-	-	-	-	-	-	-		
3	NAE-8	N2-1	60	VND	C-Bay CHW Pump 4 VSD	-	-	-	-		Remove N2 bus	-	-	-	-	-	-	-		
3	NAE-8	N2-1	61	VND	B-Bay Mech Rm PRV VSD	-	-	-	-		Remove N2 bus	-	-	-	-	-	-	-		
3	NAE-8	N2-1	200	AS-UNT1126-0	D-Bay Commons Bathroom FCU	3	1	5	5		Replace	3	1	5	5	NAE-5	FC-1	CGM-74	M4-CGM09090-0	

JOHNSON CONTROLS FIELD BUS SCHEDULE

Air Force Research Laboratory
ROME RESEARCH SITE, NEW YORK

PROJECT TITLE:
REPLACE JOHNSON CONTROLS N2 CONTROLLERS, SITE

ROME RESEARCH SITE

SHEET TITLE:
TEMPERATURE CONTROL DETAILS

PROJECT MANAGER: MWF
DESIGNER: MWF
DRAFTER: MWF
PROJECT NO: ULDF22-0002

DRAWING NO: TC-501
SHEET: 8 OF 8
FACILITY NO:
DATE: 10 APR 2026