BUILDING N-26
MOUNTABLE AC UNITS PROJECT

NAVAL STATION NORFOLK ◦ NORFOLK, VIRGINIA

01/07/2026

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MID-ATLANTIC

RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
NORFOLK, VIRGINIA

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES RLC | DRW RLC | CHK SAR

PM/DM ALPI/RLC

BRANCH MANAGER AMANDA PILLO, R.A.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - JROICC NORFOLK

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND--MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL STATION NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

COVER SHEET

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

NAVFAC DRAWING NO. 12,938,966

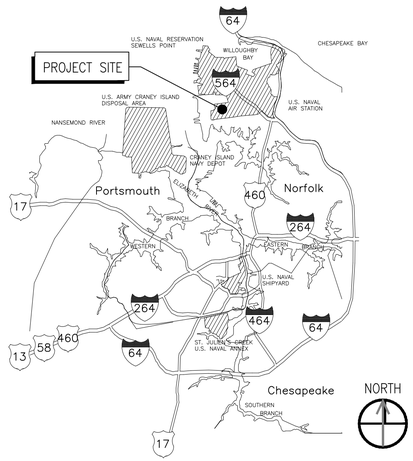
SHEET 1 OF 17

GI001

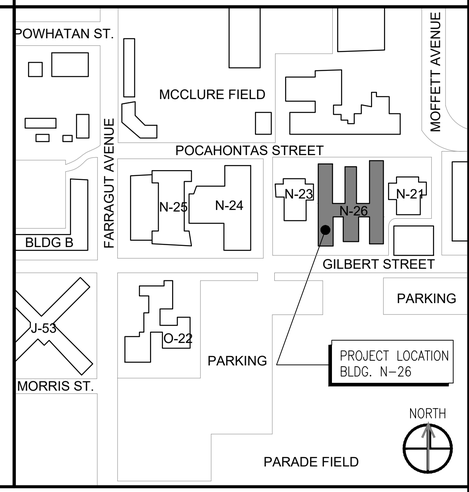
DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Spilt Systems Server Rm 1231\B_Design\DWGS\Sheet\01_GEN\N26_1852260_GI001.dwg LAYOUT NAME: GI001 PLOTTED: Wednesday, January 07, 2026 - 10:23am USER: richard.corbin1

VICINITY MAP



LOCATION MAP



GENERAL NOTES

1. THESE ARE GENERAL PROJECT NOTES THAT APPLY TO THE ENTIRE PROJECT INCLUDING ALL DISCIPLINES.
2. THE CONTRACTOR MUST OBSERVE AND MAINTAIN BUILDING AND COMPOUND SECURITY REQUIREMENTS AS DIRECTED BY THE CONTRACTING OFFICER.
3. WORK WILL BE ACCOMPLISHED IN AND AROUND AREAS WHICH WILL REMAIN OPERATIONAL. ACCORDINGLY, MEASURES MUST BE TAKEN TO AVOID INTERFERENCE WITH THE OPERATIONAL WORK ROUTINE.
4. ALL ITEMS NOT NOTED AS "EXISTING" MUST BE PROVIDED AND INSTALLED UNDER THE REQUIREMENTS OF THIS CONTRACT.
5. THE CONTRACTOR LAYDOWN AREA MUST BE COORDINATED WITH THE ACTIVITY BY THE CONTRACTING OFFICER PRIOR TO THE PRE-CONSTRUCTION MEETING. THE ALLOWABLE AREA SIZE MUST BE ESTABLISHED BY THE CONTRACTING OFFICER.
6. ALL SUBMITTALS REQUIRED BY THESE PLANS OR SPECIFICATIONS MUST BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO COMMENCEMENT OF RELATED WORK.

GOVERNING REGULATIONS

BUILDING CODES
UNIFIED FACILITIES CRITERIA (UFC) 1-200-01 DESIGN: GENERAL BUILDING REQUIREMENTS

INTERNATIONAL BUILIDNG CODE (IBC)

MECHANICAL CODE
INTERNATIONAL MECHANICAL CODE (IMC)

ELECTRICAL CODE
NFPA 70, NATIONAL ELECTRIC CODE

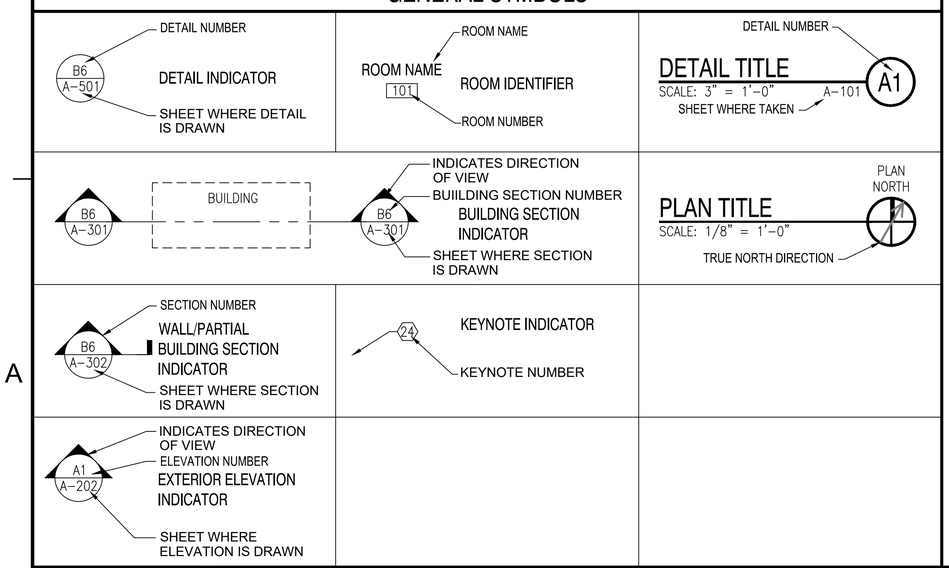
PLUMBING CODE
INTERNATIONAL PLUMBING CODE (IPC)

FIRE PREVENTION & LIFE SAFETY CODES
UNIFIED FACILITIES CRITERIA (UFC) 3-600-01 DESIGN: FIRE PROTECTION ENGINEERING FOR FACILITIES

NFPA 101, LIFE SAFETY CODE

*REFER TO LATEST EDITION OF ALL GOVERNING REGULATIONS

GENERAL SYMBOLS



LIST OF SHEETS

SHEET NO.		NAVFAC DWG. NO.	SHEET TITLE
			GENERAL
1	GI001	12,938,966	COVER SHEET
2	GI002	12,938,967	LIST OF SHEETS & GENERAL DATA
			ARCHITECTURAL
3	A-001	12,938,968	ARCHITECTURAL LEGEND, SYMBOLS, ABBREVIATIONS AND NOTES
4	AD101	12,938,969	ENLARGED FIRST FLOOR PLAN - DEMOLITION
5	AD102	12,938,970	ENLARGED REFLECTED CEILING PLAN - DEMOLITION
6	AE101	12,938,971	ENLARGED FIRST FLOOR PLAN
7	AE102	12,938,972	ENLARGED REFLECTED CEILING PLAN
			MECHANICAL
8	M-001	12,938,973	LEGEND, ABBREVIATIONS AND GENERAL NOTES
9	MD101	12,938,974	ENLARGED FIRST FLOOR PLAN - DEMOLITION
10	MH101	12,938,975	ENLARGED FIRST FLOOR PLAN
11	MH501	12,938,976	DETAILS AND CONTROLS
12	MH601	12,938,977	SCHEDULES
			ELECTRICAL
13	E-001	12,938,978	LEGEND, ABBREVIATIONS AND GENERAL NOTES
14	ED101	12,938,979	ENLARGED FIRST FLOOR PLAN - DEMOLITION
15	ED501	12,938,980	PANEL SCHEDULES - DEMOLITION
16	EP101	12,938,981	ENLARGED FIRST FLOOR PLAN
17	EP501	12,938,982	PANEL SCHEDULES

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT
SATISFACTORY TO DATE 01/07/2026
DES RLC | DRW RLC | CHK SAR
PM/DM ALP/RLC
BRANCH MANAGER AMANDA PILLO, R.A.
CHIEF ENG/ARCH J.C. MILLER, P.E.
FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT -RONCC NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND–MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL STATION
NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

LIST OF SHEET & GENERAL DATA

SCALE: AS NOTED
EPROJECT NO.: 1852260
CONSTR. CONTR. NO. N/A
NAVFAC DRAWING NO. 12,938,967
SHEET 2 OF 17

GI002

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\01_GEN\N26_1852260_GI002.dwg LAYOUT NAME: GI002 PLOTTED: Wednesday, January 07, 2026 – 10:23am USER: richard.corbin1

GENERAL ARCHITECTURAL SYMBOLS

ROOM NAME
ROOM NAME
101
ROOM IDENTIFIER
ROOM NUMBER

24
KEYNOTE INDICATOR
KEYNOTE NUMBER

PLAN TITLE
SCALE: 1/8" = 1'-0"
PLAN NORTH

GENERAL MATERIALS LEGEND

SECTION VIEW		WOOD - ROUGH		WOOD BLOCKING
		CONCRETE MASONRY UNIT		BRICK
		CAST-IN-PLACE CONCRETE		PLYWOOD-LARGE SCALE
		STEEL		GLASS-LARGE SCALE
		EARTH/COMPACT FILL		ACOUSTICAL TILE
		BATT/LOOSE FILL INSULATION		PLYWOOD-SMALL SCALE
		POROUS FILL/GRAVEL		CERAMIC TILE-LARGE SCALE
		RIGID INSULATION		SAND/MORTAR/PLASTER
		GYPSUM BOARD		
		RESILIENT FLOORING/ PLASTIC LAMINATE		
		ALUMINUM		
		FINISHED WOOD		
		MARBLE		
ELEVATION/PLAN VIEW		CONCRETE/GYPSUM BOARD		
		SHEET METAL-LARGE SCALE		
		GLASS		

GENERAL ARCHITECTURAL NOTES

1. ALL ITEMS INDICATED TO BE REMOVED MUST BE DISPOSED OF OFF SITE BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
2. ALL MATERIALS MUST BE NEW AND PROVIDED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED AS EXISTING OR AS PROVIDED BY THE GOVERNMENT.
3. ALL WOOD BLOCKING AND MISCELLANEOUS STEEL SHOWN IN DETAILS AND SECTIONS MUST BE CONTINUOUS UNLESS SPECIFICALLY NOTED OTHERWISE.
4. THE CONTRACTOR MUST VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK. DIMENSIONS FOR EXISTING WORK ARE INDICATED AS "±". ALL DISCREPANCIES MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTING OFFICER IN WRITING.
5. MECHANICAL AND ELECTRICAL ITEMS INDICATED ON THE ARCHITECTURAL DRAWINGS IS NOT INTENDED TO INCLUDE ALL NECESSARY WORK FOR THESE ITEMS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. DIMENSIONS INDICATED FOR NEW WORK ARE TO FACE OF STUD, FACE OF MASONRY OR FACE OF EXISTING SURFACES UNLESS OTHERWISE NOTED.

GENERAL ARCHITECTURAL ABBREVIATIONS

AB	ANCHOR BOLT	CNSTR	CONSTRUCTION	FIN	FNISH	MTL	METAL	RD	ROOF DRAIN, ROAD	UON	UNLESS OTHERWISE NOTED
ACS PNL	ACCESS PANEL	CONT	CONTINUE	FG	FIGURE	MFG	MANUFACTURING	REFL	REFLECT	V	VOLT
ADJ	ADJUSTABLE	CORR	CORRIDOR	FIN FLR	FINISHED FLOOR	MIN	MINIMUM, MINUTE	REFR	REFRIGERATION	VAR	VARIATION
ALUM	ALUMINUM	CPT	CARPET	FOF	FACE OF FINISH	MISC	MISCELLANEOUS	REINF	REINFORCE	VB	VINYL BASE
ALT	ALTERNATE, ALTITIUDE	CT	CERAMIC TILE	FOM	FACE OF MASONRY	MO	MOTOR OPERATED, MASONRY OPENING	REQD	REQUIRED	VCT	VINYL COMPOSITION TILE
ANOD	ANODIZED	CTR	CENTER	FOS	FACE OF STUD, FACE OF SLAB			REV	REVISION	VENT	VENTILATION, VENTILATOR
APPROX	APPROXIMATE	D	DEPTH, DEEP	FR	FRAME, FIRE RATING	MTD	MOUNTED	RF	RESILIENT FLOORING	VERT	VERTICAL
ARCH	ARCHITECT	DEG	DEGREE	FRTW	FIRE RETARDANT TREATED WOOD	MTG	MOUNTNG, MEETING	RL	ROOF LEADER	VEST	VESTIBULE
ASPH	ASPHALT	DEMO	DEMOLITION	FT	FOOT, FEET	MWP	MEMBRANE WATERPROOFING	RM	ROOM	VS	VENT STACK
ATC	ACOUSTICAL TILE CEILING	DET	ETAIL	FTG	FOOTING	N	NORTH	RND	ROUND	VTR	VENT THROUGH ROOF
BD	BOARD	DIA	DIAMETER	GA	GAGE	NIC	NOT IN CONTRACT	RO	ROUGH OPENING	VWC	VINYL WALL COVERING
BLDG	BUILDING	DIM	DIMENSION	GALV	GALVANIZED	NO	NUMBER	RS	ROUGH SAWN	W	WASTE, WATT, WEST, WIDE
BLW	BELOW	DS	OWNSPOUT	GFCI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED	NOM	NOMINAL	RT	RIGHT	W/	WITH
BM	BEAM	DW	DISHWASHER			NTS	NOT TO SCALE	S	SOUTH	W/O	WITHOUT
BOT	BOTTOM	DR	DRAIN	GL	GLASS, GROUND LEVEL	OA	OUTSIDE AIR	SAPC	SUSPPENDED ACOUSTICAL PANEL CEILING	WC	WATER CLOSET
BOS	BOTTOM OF SLAB/STEEL	DWG	DRAWING	GR	GROSS	OC	ON CENTER			WD	WOOD
BRG	BEARING	E	EAST	GSU	GLAZED STRUCTURAL UNIT	OD	OUTSIDE DIAMETER/DIMENSION	SCHED	SCHEDULE	WH	WATER HEATER
BSMT	BASEMENT	EA	EACH	GYP	GYPSUM			SECT	SECTION	WP	WATERPROOFING, WORKING POINT
BTWN	BETWEEN	EIFS	EXTERIOR INSULATION & FINISH	H	HIGH	OPH	OPPOSITE HAND	SF	SQUARE FOOT		
C TO C	CENTER TO CENTER			HB	HOSE BIB	OPNG	OPENING	SH	SHINGLES, SINGLE HUNG	WSCT	WAINSCOT
CAB	CABINET	EJ	EXPANSION JOINT	HDW	HARDWARE	OPP	OPPOSITE	SIM	SIMILAR	WT	WEIGHT
CEM	CEMENT	EL	ELEVATION	HM	HOLLOW METAL	OPT	OPTIONAL	SPC	SUSPENDED PLASTER CEILING	WWF	WELDED WIRE FABRIC
CER	CERAMIC	ELEC	ELECTRIC	HORIZ	HORIZONTAL	PCT	PERCENT	SPEC	SPECIFICATION	XRMR	TRANSFORMER
CI	CAST IRON	EPDM	ETHLENE PROPYLENE DIENE MONOMER	HT	HEIGHT	PEJ	PREMOLDED EXPANSION JOINT	SQ	SQUARE		
CIP	CAST IRON PIPR			HVY	HEAVY	PL	PROPERTY LINE	STD	STANDARD		
CJ	CONTROL JOINT	EQ	EQUAL	ID	INSIDE DIAMETER	PLAS	PLASTER, PLASTIC	STOR	STORAGE		
CLG	CEILING	EQUIP	EQUIPMENT	INSUL	INSULATION, INSULATED	PLYWD	PLYWOOD	STR	STRAIGHT STRIKE, STRINGERS		
CLG REG	CEILING REGISTER	EW	EACH WAY	INT	INTERIOR	PNL	PANEL	SUSP	SUSPEN		
CLR	CLEAR	EWC	ELECTRIC WATER COOLER	J-BOX	JUNCTION BOX	PRELIM	PRELIMINARY	T&B	TOP AND BOTTOM		
CMU	CONCRETE MASORY UNIT	EXH	EXHAUST	JAN CLA	JANITOR CLOSET	PSF	POUNDS PER SQUARE FOOT	TEL	TELEPHONE		
CND	CONDUIT	EXIST	EXISTING	LAV	LAVATORY	PSI	POUNDS PER SQUARE INCH	TOS	TOP OF SLAB/STEEL		
CNDS	CONDENSATE	EXP	ESPANSION, EXPOSED, EXPAND	LB	POUND	PT	PAINT	THRES	THRESHOLD		
CNTR	COUNTER	EXT	EXTERIOR	LT	LIGHT	QT	QUARRY TILE	THRU	THROUGH		
CO	CLEANOUT	FD	FLOOR DRAIN	MACH	MACHINE	R	RADIUS, RISER	TYP	TYPICAL		
COL	COLUMN	FDTN	FOUNDATION	MATL	MATERIAL	RA	RETURN AIR	UON	UNLESS OTHERWISE NOTED		
CONC	CONCRETE	FF	FINISH FACE	MAX	MAXIMUM	RAD	RETURN AIR DUCT	V	VOLT		
CONN	CONNECT	FHC	FIRE HOSE CABINET	MECH	MECHANICAL	RB	RESILIENT BASE	VAR	VARIATION		

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

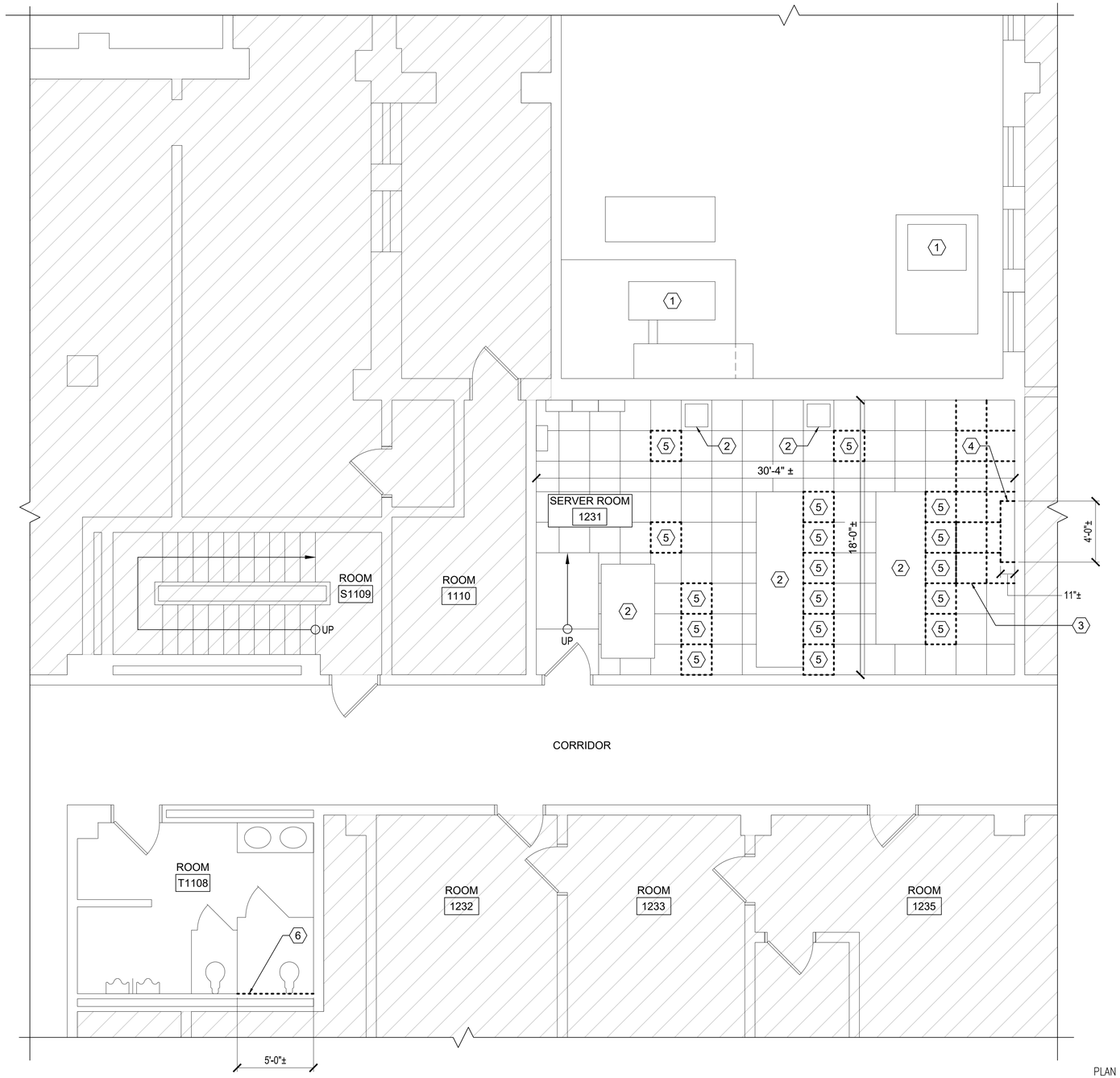
ACTIVITY
COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026
DES RLC DRW RLC CHK SAR
PM/DM ALP/RLC
BRANCH MANAGER AMANDA PILLO, R.A.
CHIEF ENG/ARCH J.C. MILLER, P.E.
FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - ROICC NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND--MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL STATION
NORFOLK, VIRGINIA
BUILDING N-26
MOUNTABLE A/C UNITS PROJECT
ARCHITECTURAL LEGEND, SYMBOLS, ABBREVIATIONS AND NOTES

SCALE: AS NOTED
EPROJECT NO.: 1852260
CONSTR. CONTR. NO. N/A
NAVFAC DRAWING NO. 12,938,968
SHEET 3 OF 17
A-001
DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\08_ARCH\N26_1852260_A-001.dwg LAYOUT NAME: A-001 PLOTTED: Wednesday, January 07, 2026 - 10:38am USER: richard.corbin1



ENLARGED FIRST FLOOR PLAN - DEMOLITION

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO EXECUTABLE SCOPE WRITE UP FOR ADDITIONAL INFORMATION.

B. EXISTING DIMENSIONS ARE BASED ON EXISTING DRAWINGS AND FIELD WORK. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO PERFORMING ANY WORK. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE CONTRACTING OFFICER PRIOR TO PERFORMING ANY WORK.

C. ALL FINISHED SURFACES WHICH ARE DAMAGED WHILE PERFORMING WORK UNDER THIS CONTRACT MUST BE PATCHED AND/OR REPLACED AND FINISHED TO MATCH ADJACENT AREAS AT NO COST TO THE GOVERNMENT.

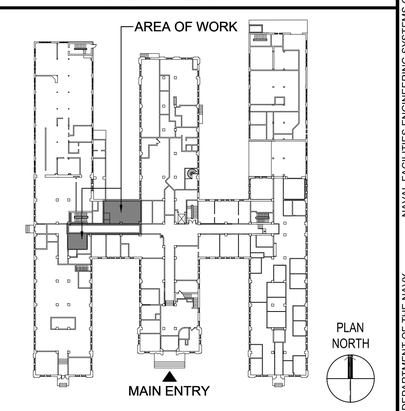
KEYNOTES

1. EXISTING HVAC EQUIPMENT. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.
2. EXISTING SERVER RACK TO REMAIN.
3. REMOVE RAISED ACCESS FLOORING AND SALVAGE FOR REINSTALLATION AS REQUIRED TO ACCOMMODATE INSTALLATION OF CRAC UNIT. FOR BIDDING PURPOSES ASSUME 46 SF.
4. DEMOLISH ACOUSTICAL WALL BUMP OUT AND (2) ABANDONED WALL BRACES. DISCONNECT AND DEMOLISH THERMOSTAT. DISCONNECT AND SALVAGE EMERGENCY LIGHT FIXTURE. REFER TO MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.
5. REMOVE RAISED ACCESS FLOORING TILE AND TURN OVER TO GOVERNMENT.
6. REMOVE PORTION OF DRYWALL AND WALL TILES AS REQUIRED TO ACCOMMODATE HVAC PIPING. REFER TO MECHANICAL FOR ADDITION INFORMATION. FOR BIDDING PURPOSES ASSUME 40 SF OF DRYWALL AND 25 SF OF WALL TILES.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA NOT IN CONTRACT

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES RLC | DRW RLC | CHK SAR

PM/DM ALP/RLC

BRANCH MANAGER AMANDA PILLO, R.A.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - IPD/CC NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – MID-ATLANTIC
NAVAL STATION – NORFOLK, VA
NAVAL STATION
NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

ENLARGED FIRST FLOOR PLAN - DEMOLITION

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

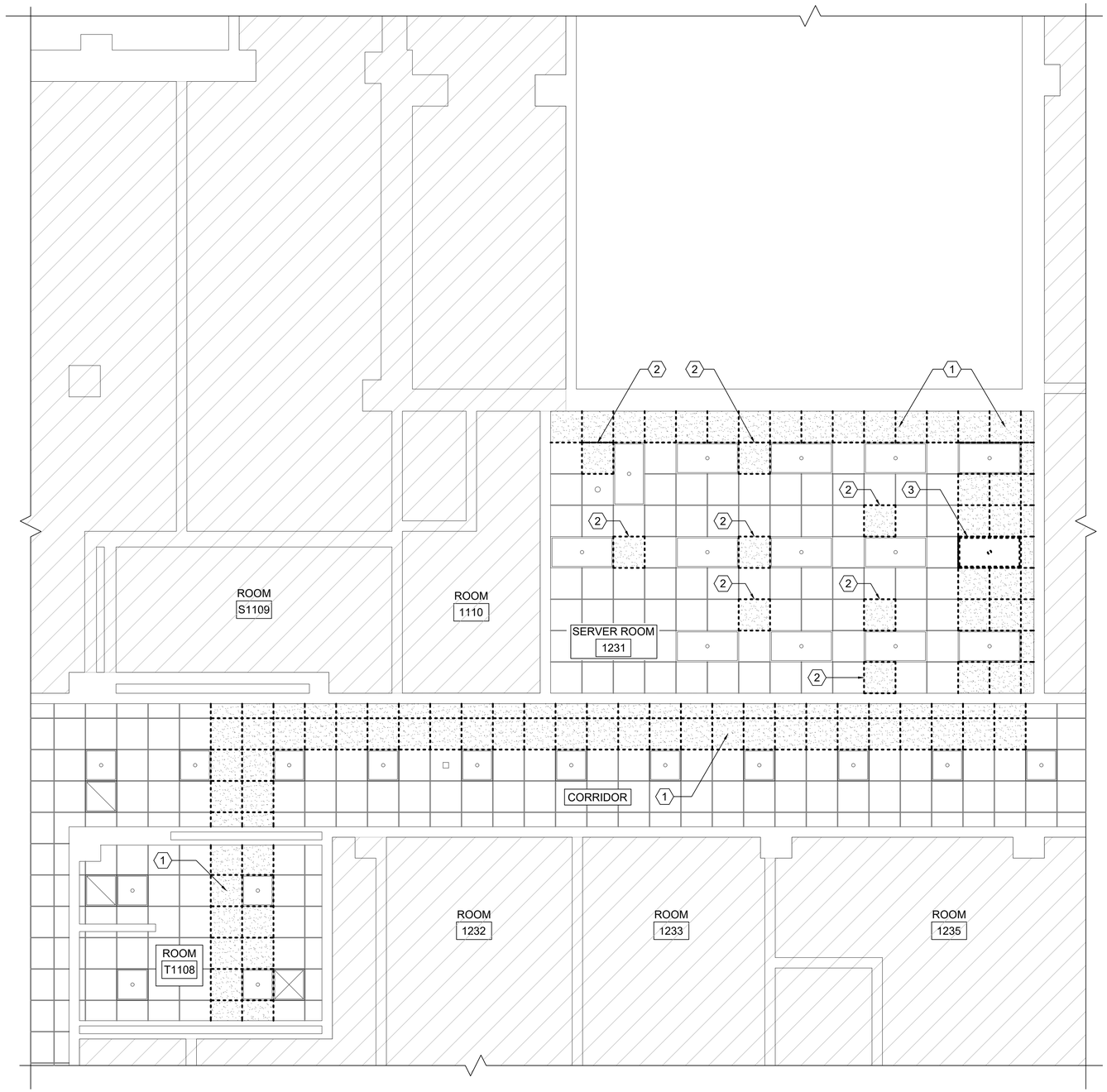
NAVFAC DRAWING NO. 12,938,969

SHEET 4 OF 17

AD101

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Spit Systems Server Rm 1231\B_Design\DWGS\Sheet\08_ARCH\N26_1852260_AD101.dwg LAYOUT NAME: AD101 PLOTTED: Wednesday, January 07, 2026 - 10:40am USER: richard.corbin1



ENLARGED REFLECTED CEILING PLAN - DEMOLITION

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO EXECUTABLE SCOPE WRITE UP FOR ADDITIONAL INFORMATION.

B. EXISTING DIMENSIONS ARE BASED ON EXISTING DRAWINGS AND FIELD WORK. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO PERFORMING ANY WORK. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE CONTRACTING OFFICER PRIOR TO PERFORMING ANY WORK.

C. ALL FINISHED SURFACES WHICH ARE DAMAGED WHILE PERFORMING WORK UNDER THIS CONTRACT MUST BE PATCHED AND/OR REPLACED AND FINISHED TO MATCH ADJACENT AREAS AT NO COST TO THE GOVERNMENT.

D. EXISTING CEILING HEIGHT IS APPROXIMATELY 7'-7" ABOVE RAISED ACCESS FLOORING.

MARK	DESCRIPTION	DATE

KEYNOTES

1. REMOVE ACOUSTICAL CEILING TILES AS REQUIRED TO ACCOMMODATE HVAC AND ELECTRICAL CONNECTIONS. SALVAGE ACOUSTICAL CEILING FOR RE-INSTALLATION. FOR BIDDING PURPOSES ASSUME 324 SF. REFER TO MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

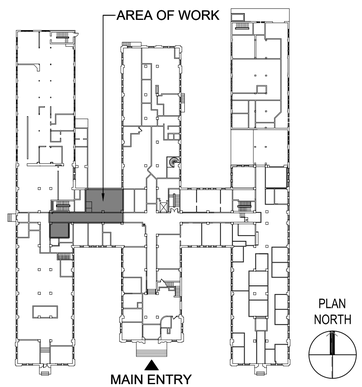
2. REMOVE ACOUSTICAL CEILING TILE AS REQUIRED TO ACCOMMODATE EGG CRATE RETURN GRILLE INSTALLATION. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.

3. EXISTING LIGHT FIXTURE. REFER TO ELECTRICAL FOR ADDITIONAL INFORMATION.

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING CEILING FIXTURE		AREA NOT IN CONTRACT
	EXISTING LIGHT FIXTURE		
	EXISTING ACOUSTICAL CEILING		
	ACOUSTICAL CEILING REMOVAL		

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

SEAL

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 2-3-26

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CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - RODC: NORFOLK

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL STATION

NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

ENLARGED REFLECTED CEILING PLAN - DEMOLITION

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

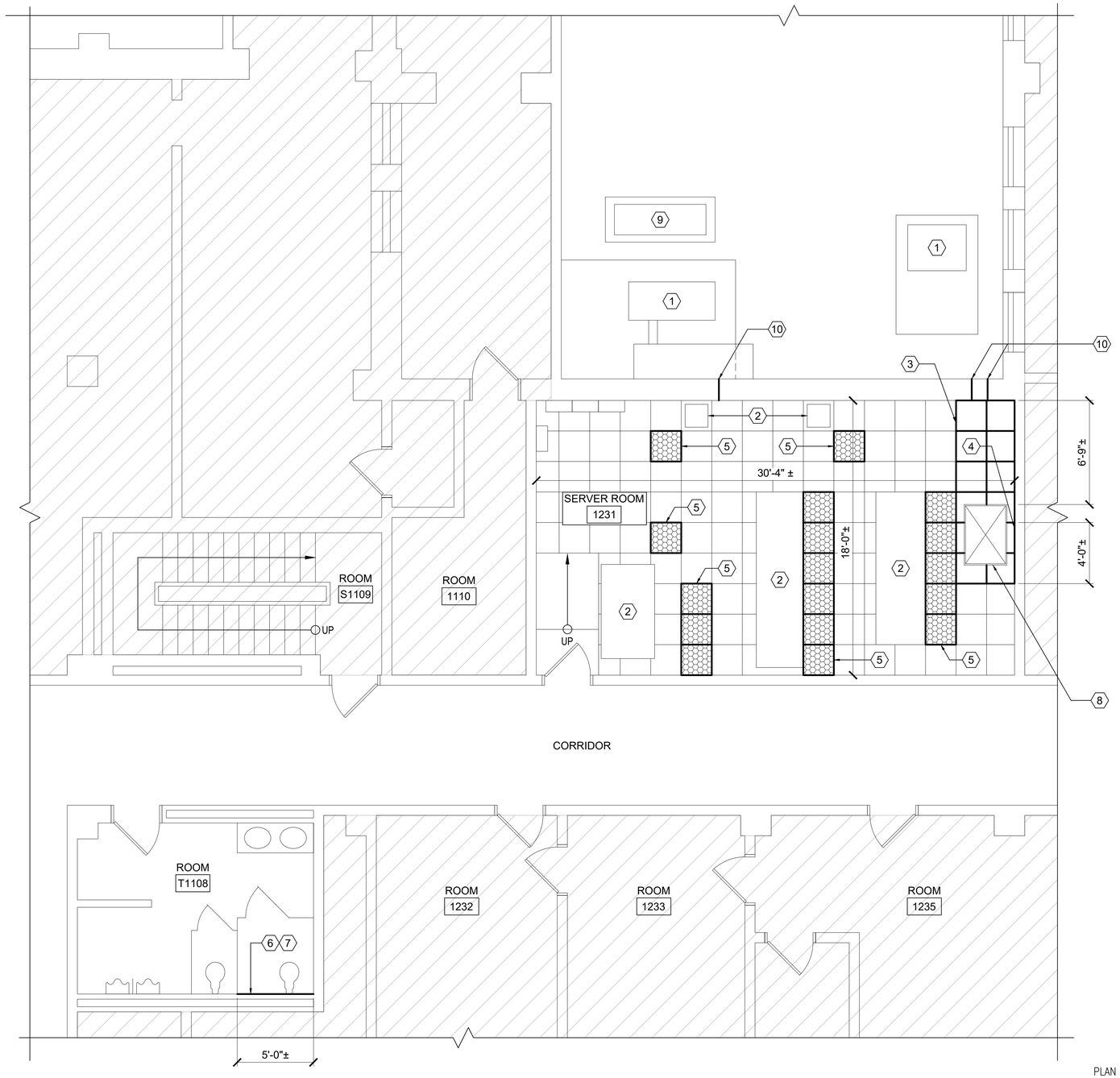
NAVFAC DRAWING NO. 12,938,970

SHEET 5 OF 17

AD102

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\D8_ARCH\N26_1852260_AD102.dwg LAYOUT NAME: AD102 PLOTTED: Wednesday, January 07, 2026 - 10:42am USER: richard.corbin1



ENLARGED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO EXECUTABLE SCOPE WRITE UP FOR ADDITIONAL INFORMATION.

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C. ALL FINISHED SURFACES WHICH ARE DAMAGED WHILE PERFORMING WORK UNDER THIS CONTRACT MUST BE PATCHED AND/OR REPLACED AND FINISHED TO MATCH ADJACENT AREAS AT NO COST TO THE GOVERNMENT.

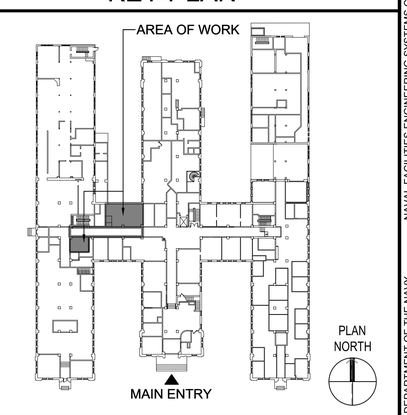
KEYNOTES

1. EXISTING HVAC EQUIPMENT. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.
2. EXISTING SERVER RACK TO REMAIN.
3. MODIFY AND REINSTALL SALVAGED RAISED ACCESS FLOORING AS REQUIRED TO ACCOMMODATE INSTALLATION OF CRAC UNIT. THE FLOORING DIRECTLY BELOW CRAC UNIT MUST REMAIN OPEN TO ALLOW PROPER AIR FLOW.
4. PROVIDE ACOUSTICAL WALL PANEL INFILL TO MATCH ADJACENT THICKNESS AND FINISH. FOR BIDDING PURPOSES ASSUME 15 SF.
5. PROVIDE PERFORATED RAISED ACCESS FLOOR TILE MATCHING EXISTING TILE COLOR. BASIS OF DESIGN: TATE HD GRATEAIRE AIRFLOW PANEL 24" OR EQUAL.
6. PROVIDE DRYWALL TO MATCH ADJACENT THICKNESS. PROVIDE PRIME AND 2 COATS FINISH ABOVE WALL TILE TO MATCH ADJACENT FINISH.
7. PROVIDE WALL TILE TO MATCH ADJACENT SIZE, THICKNESS, AND FINISH.
8. CRAC UNIT. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.
9. AIR COOLED CONDENSING UNIT. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.
10. PROVIDE WALL PENETRATION TO ACCOMMODATE HVAC AND ELECTRICAL CONNECTIONS. REFER TO MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION. SEAL PENETRATIONS WITH FIRE STOPPING SEALANT.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	AREA NOT IN CONTRACT

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES RLC DRW RLC CHK SAR

PM/DM ALP/RLC

BRANCH MANAGER AMANDA PILLO, R.A.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
MIDLANT - IPOCC NORFOLK

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND--MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL STATION

NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

ENLARGED FIRST FLOOR PLAN

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

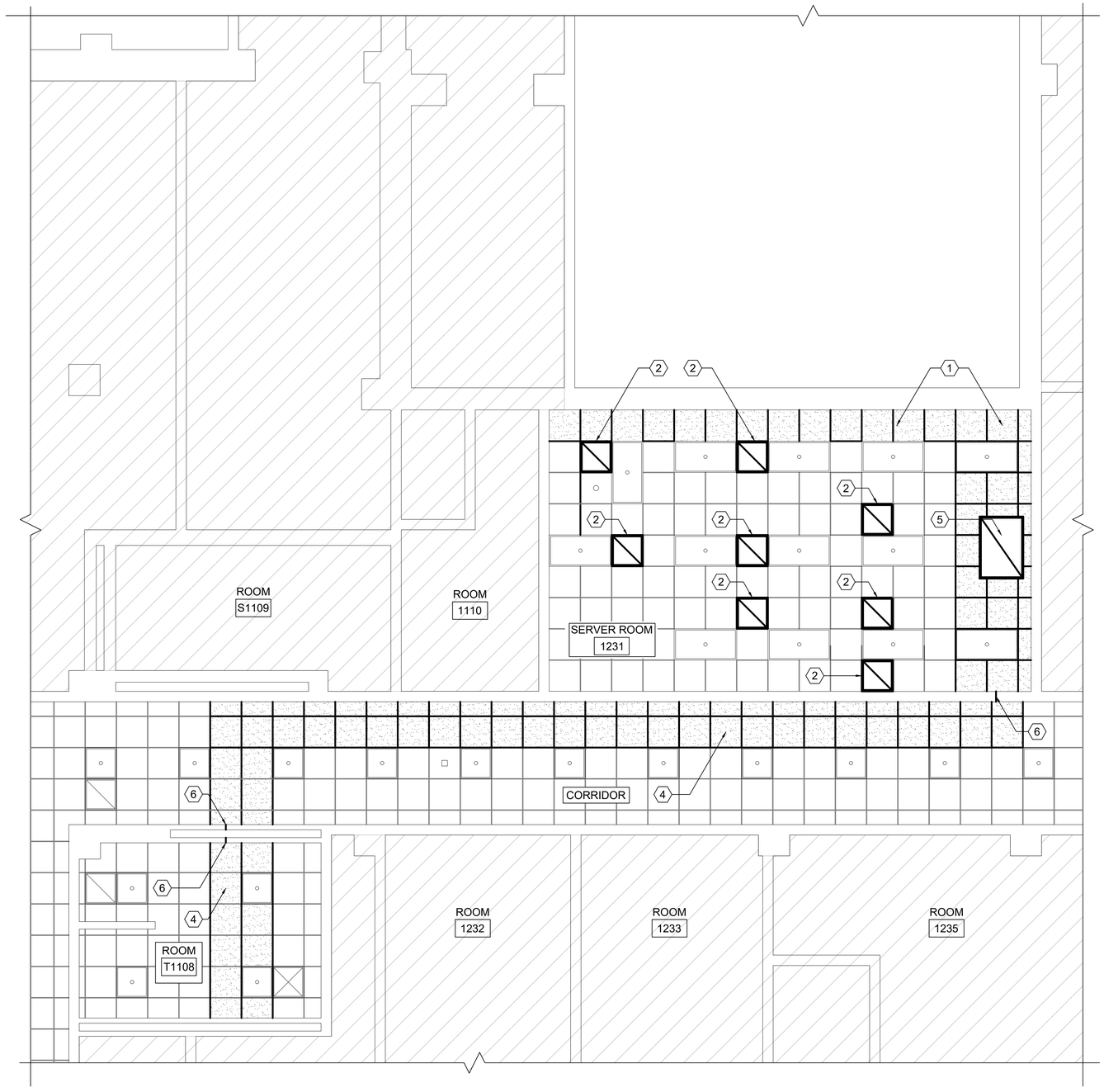
NAVFAC DRAWING NO. 12,938,971

SHEET 6 OF 17

AE101

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N-26\2025_1852260_HVAC 3 Spilt Systems Server Rm 1231\B_Design\DWGS\Sheet\08_ARCH\N26_1852260_AE101.dwg LAYOUT NAME: AE101 PLOTTED: Wednesday, January 07, 2026 - 10:44am USER: richard.corbin1



ENLARGED REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO EXECUTABLE SCOPE WRITE UP FOR ADDITIONAL INFORMATION.

B. EXISTING DIMENSIONS ARE BASED ON EXISTING DRAWINGS AND FIELD WORK. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO PERFORMING ANY WORK. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE CONTRACTING OFFICER PRIOR TO PERFORMING ANY WORK.

C. ALL FINISHED SURFACES WHICH ARE DAMAGED WHILE PERFORMING WORK UNDER THIS CONTRACT MUST BE PATCHED AND/OR REPLACED AND FINISHED TO MATCH ADJACENT AREAS AT NO COST TO THE GOVERNMENT.

MARK	DESCRIPTION	DATE

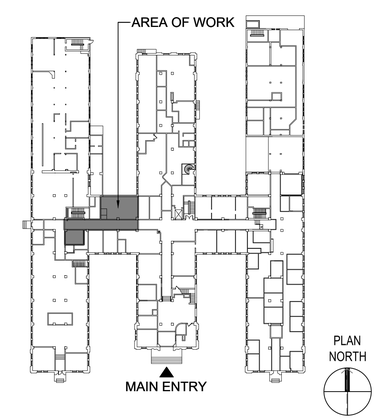
KEYNOTES

1. MODIFY AND REINSTALL SALVAGED ACOUSTICAL CEILING TILES TO ACCOMMODATE CRAC UNIT INSTALLATION. ACOUSTICAL CEILING DIRECTLY ABOVE CRAC UNIT MUST REMAIN OPEN TO ALLOW PROPER AIR FLOW.
2. EGG CRATE RETURN GRILLE. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.
3. NOT USED.
4. REINSTALL SALVAGED ACOUSTICAL CEILING TILES.
5. CRAC UNIT. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.
6. PROVIDE WALL PENETRATION TO ACCOMODATE HVAC PIPING. REFER TO MECHANICAL FOR ADDITIONAL INFORMATION. SEAL PENETRATIONS WITH FIRE STOPPING SEALANT.

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING CEILING FIXTURE		ACOUSTICAL CEILING
	EXISTING LIGHT FIXTURE		AREA OF NO WORK
	EXISTING ACOUSTICAL CEILING		

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

SEAL

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES RLC | DRW RLC | CHK SAR

PM/DM ALP/RLC

BRANCH MANAGER AMANDA PILLO, R.A.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - ROICC NORFOLK

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND–MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL STATION NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

ENLARGED REFLECTED CEILING PLAN

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

NAVFAC DRAWING NO 12,938,972

SHEET 7 OF 17

AE102

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\W\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\08_ARCH\N26_1852260_AE102.dwg LAYOUT NAME: AE102 PLOTTED: Wednesday, January 07, 2026 - 10:46am USER: richard.corbin1

MECHANICAL LEGEND

*REFER TO GENERAL SHEETS FOR GENERAL SYMBOLS

———	EXISTING ITEMS (SOLID, LIGHT)
— — — —	ITEMS TO BE DEMOLISHED (DASHED)
———	ITEMS TO BE PROVIDED, NEW WORK (SOLID)

DUCTWORK

12x20	DUCT SIZE, FIRST FIGURE IS SIDE SHOWN
	DUCT SECTION, RETURN AIR
	ELBOW
	ELBOW WITH TURNING VANES
	SUPPLY DIFFUSER
	RETURN GRILLE
	AIRFLOW DIRECTION
T	THERMOSTAT MOUNT 48" ABOVE FINISHED FLOOR
H	HUMIDITY SENSOR MOUNT 48" ABOVE FINISHED FLOOR

PIPE LINE TYPES

—— C ——	CONDENSATE DRAIN
—— CW ——	DOMESTIC COLD WATER
—— RL ——	REFRIGERANT LIQUID
—— RS ——	REFRIGERANT SUCTION
——› ——	DROP / RISE IN PIPING

GENERAL MECHANICAL NOTES

A. THESE GENERAL MECHANICAL NOTES APPLY TO ALL MECHANICAL DRAWINGS IN THIS SET. SHEET SPECIFIC NOTES ARE INDICATED ON EACH SHEET UNDER GENERAL SHEET NOTES.

B. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED, AND AS REQUIRED BY CODE.

C. INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, APPLICABLE CODES, AND REGULATIONS.

D. EXISTING DUCT AND PIPING SIZES INDICATED ARE APPROXIMATE. FIELD VERIFY ALL EXISTING CONDITIONS.

E. PATCH ALL HOLES FROM REMOVAL OF PIPING, DUCTWORK, OR EQUIPMENT TO MATCH ADJACENT CONSTRUCTION.

F. CONCEAL ALL DUCTWORK AND PIPING ABOVE SUSPENDED CEILINGS AND IN WALLS, UNLESS OTHERWISE NOTED.

G. PROVIDE VIBRATION ISOLATORS FOR ALL MECHANICAL EQUIPMENT AND PIPING TO PREVENT TRANSMISSION OF VIBRATION TO BUILDING STRUCTURE.

H. ALL 90 DEGREE RECTANGULAR MITERED DUCT ELBOWS IN SUPPLY AND RETURN DUCTWORK MUST HAVE TURNING VANES. PROVIDE AN ACCESS DOOR UPSTREAM OF ELBOW FOR TURNING VANE INSPECTION AND CLEANING.

I. PROVIDE PIPE SLEEVES FOR ALL PIPING PENETRATIONS THRU WALLS AND FLOORS. EACH PIPE MUST BE SEPARATELY SLEEVED. PROVIDE CONTINUOUS SEALANT JOINT AROUND PIPE SLEEVE, BOTH SIDES OF WALL, WATERTIGHT.

J. ALL OPENINGS IN FIRE WALLS DUE TO DUCTWORK, PIPING, CONDUIT, ETC., MUST BE FIRE STOPPED.

K. PROVIDE P-TRAPS IN CONDENSATE DRAIN PIPING AT EACH AC UNIT UNLESS THE RTU IS EQUIPPED WITH AN INTERNAL TRAP.

L. CONDENSATE DRAIN PIPING CLEANOUTS MUST BE INSTALLED AT EACH CHANGE IN DIRECTION GREATER THAN 45 DEGREES. WHERE MORE THAN ONE CHANGE OF DIRECTION OCCURS IN A RUN OF PIPING, ONLY ONE CLEANOUT MUST BE REQUIRED FOR EACH 40 FEET OF DEVELOPED LENGTH. COMBINATION WYE AND 1/8 BENDS MUST BE USED IN LIEU OF TEES. UNLESS OTHERWISE INDICATED ALL CONDENSATE LINES MUST SLOPE DOWNWARD AND BE GRAVITY FED.

M. MOUNT THERMOSTATS 48 INCHES ABOVE THE FINISHED FLOOR AND RECESSED, FLUSH WITH WALL SURFACE, WHERE POSSIBLE UNLESS OTHERWISE NOTED. SEE ELECTRICAL DRAWINGS FOR COORDINATION WITH LIGHT SWITCHES.

N. MECHANICAL EQUIPMENT, WHICH IS PROVIDED WITH MANUFACTURER'S INSTALLED CONTROLS, MUST BE STARTED UP BY THE MANUFACTURER'S REPRESENTATIVE IN CONJUNCTION WITH THE CONTROLS CONTRACTOR (NOT MECHANICAL CONTRACTOR). TRAINING AND MANUALS FOR THE MANUFACTURER'S INSTALLED CONTROLS MUST BE PROVIDED BY THE EQUIPMENT MANUFACTURER'S REPRESENTATIVE. CONTROLS CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH MANUFACTURER'S REPRESENTATIVE FOR THE COMMUNICATION OF THE DDC SYSTEM TO THE MANUFACTURER'S INSTALLED CONTROLS.

P. COORDINATE THERMOSTAT LOCATION WITH MECHANICAL DRAWINGS AND CONSTRUCTION MANAGER. INSTALL THERMOSTATS NEAR A CORNER OF THE ROOM OR BY A LIGHT SWITCH. DO NOT INSTALL THERMOSTATS IN THE CENTER OF WALL.

Q. MANUFACTURER'S TRADE NAMES LISTED ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO BE PROPRIETARY. PRODUCTS OF OTHER MANUFACTURER'S WILL BE ACCEPTABLE PROVIDED THEY MATCH THE TECHNICAL REQUIREMENTS PER THE BASIS OF DESIGN IN THE CONTRACT DOCUMENTS.

MECHANICAL ABBREVIATIONS

ACCU	AIR COOLED CONDENSING UNIT
APD	AIR PRESSURE DROP
CRAC	COMPUTER ROOM AIR CONDITIONING UNIT
DB	DRY BULB DCW DOMESTIC COLD WATER (POTABLE)
DEG	DEGREE
EAT	ENTERING AIR TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
IN.	INCH LBS POUNDS
MBH	1,000 BTUH
MCA	MAXIMUM CIRCUIT AMPS
PH	PHASE
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
SP	STATIC PRESSURE
V	VOLTS
WB	WET BULB

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES WJW | DRW WJW | CHK ALP

PM/DM ALP/RLC

BRANCH MANAGER AMANDA PILLO, R.A.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - IR/OICC NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND–MID-ATLANTIC
NAVAL STATION - NORFOLK VA
NAVAL STATION
NORFOLK, VIRGINIA
BUILDING N-26
MOUNTABLE A/C UNITS PROJECT
LEGEND, ABBREVIATIONS AND GENERAL NOTES

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

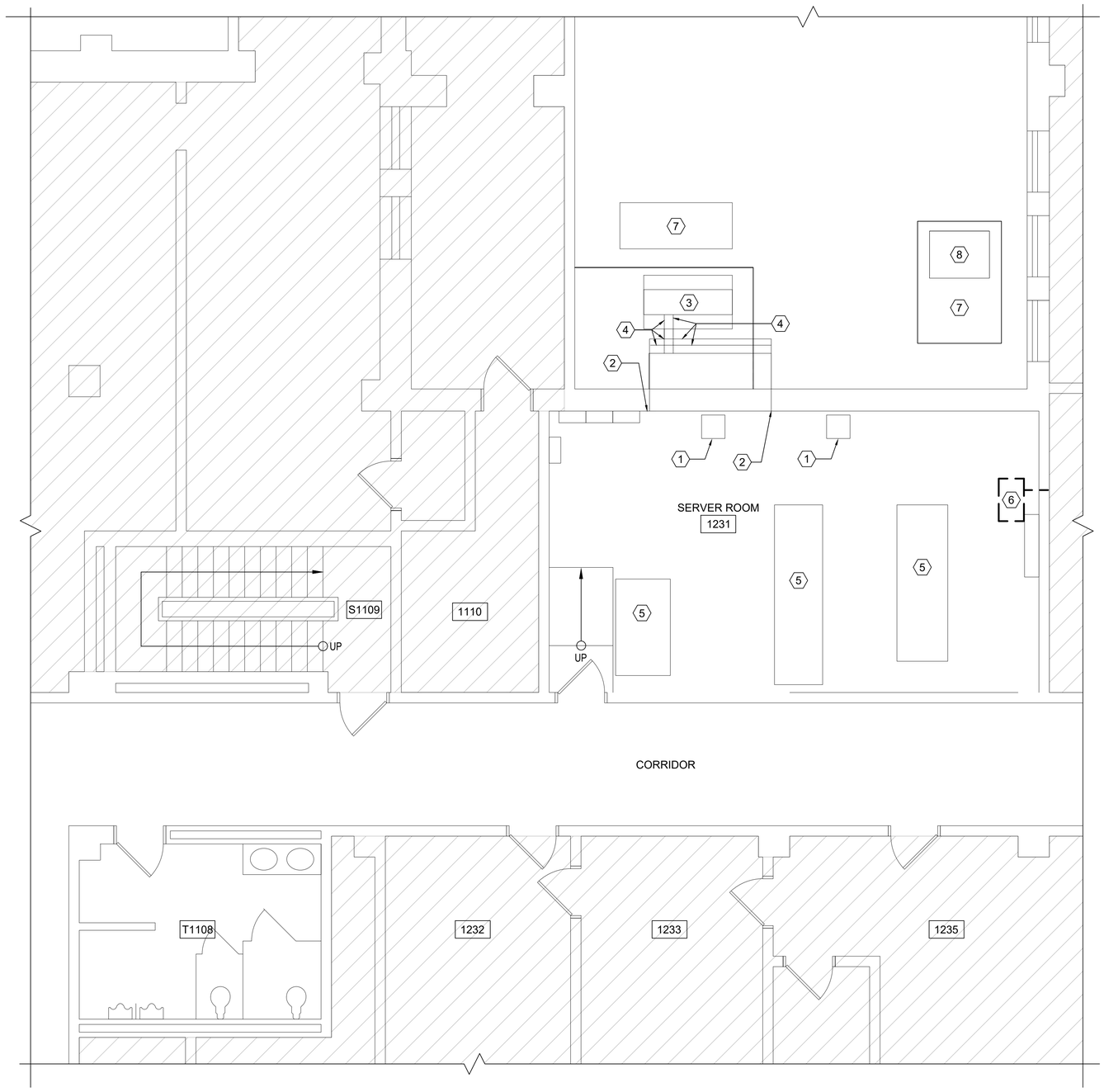
NAVFAC DRAWING NO. 12,938,973

SHEET 8 OF 17

M-001

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Spit Systems Server Rm 1231\B_Design\DWGS\Sheet\12_MECH\N26_1852260_M-001.dwg LAYOUT NAME: M-001 LEGEND ABBREVIATIONS AND GENERAL NOTES PLOTTED: Wednesday, January 07, 2026 - 11:53am USER: richard.corbin1



ENLARGED FIRST FLOOR PLAN - DEMOLITION

SCALE: 1/4" = 1'-0"

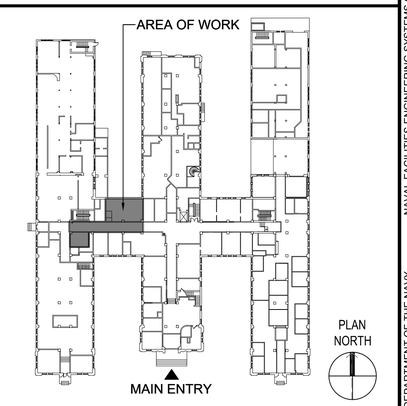
GENERAL SHEET NOTES

A. COORDINATE ALL DEMOLITION WORK WITH THE USER.

KEYNOTES

1. EXISTING SINGLE SERVERS SHALL REMAIN IN PLACE.
2. EXISTING SIDE WALL SUPPLY DIFFUSERS SHALL REMAIN IN PLACE.
3. EXISTING PACKED 10-TON AIR HANDLING UNIT SHALL REMAIN IN PLACE.
4. REMOVE ALL INSULATION ON SUPPLY AIR AND RETURN AIR DUCTWORK COMPLETE.
5. EXISTING SERVER RACKS SHALL REMAIN IN PLACE.
6. REMOVE CEILING MOUNTED COOLING UNIT, CONTROLS AND ASSOCIATED CONDENSING UNIT COMPLETE. THE UNIT IS NOT OPERATIONAL. THE PIPING MUST BE REMOVED COMPLETE. PATCH WALL TO MATCH EXISTING CONSTRUCTION.
7. EXISTING CONCRETE SLAB SHALL REMAIN IN PLACE.
8. EXISTING CHILLER SHALL REMAIN IN PLACE.

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES WJW | DRW WJW | CHK XXX

PM/DM ALP/RLC

BRANCH MANAGER AMANDA PILLO, R.A.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - ROICC NORFOLK

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND--MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL STATION NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

ENLARGED FIRST FLOOR PLAN - DEMOLITION

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

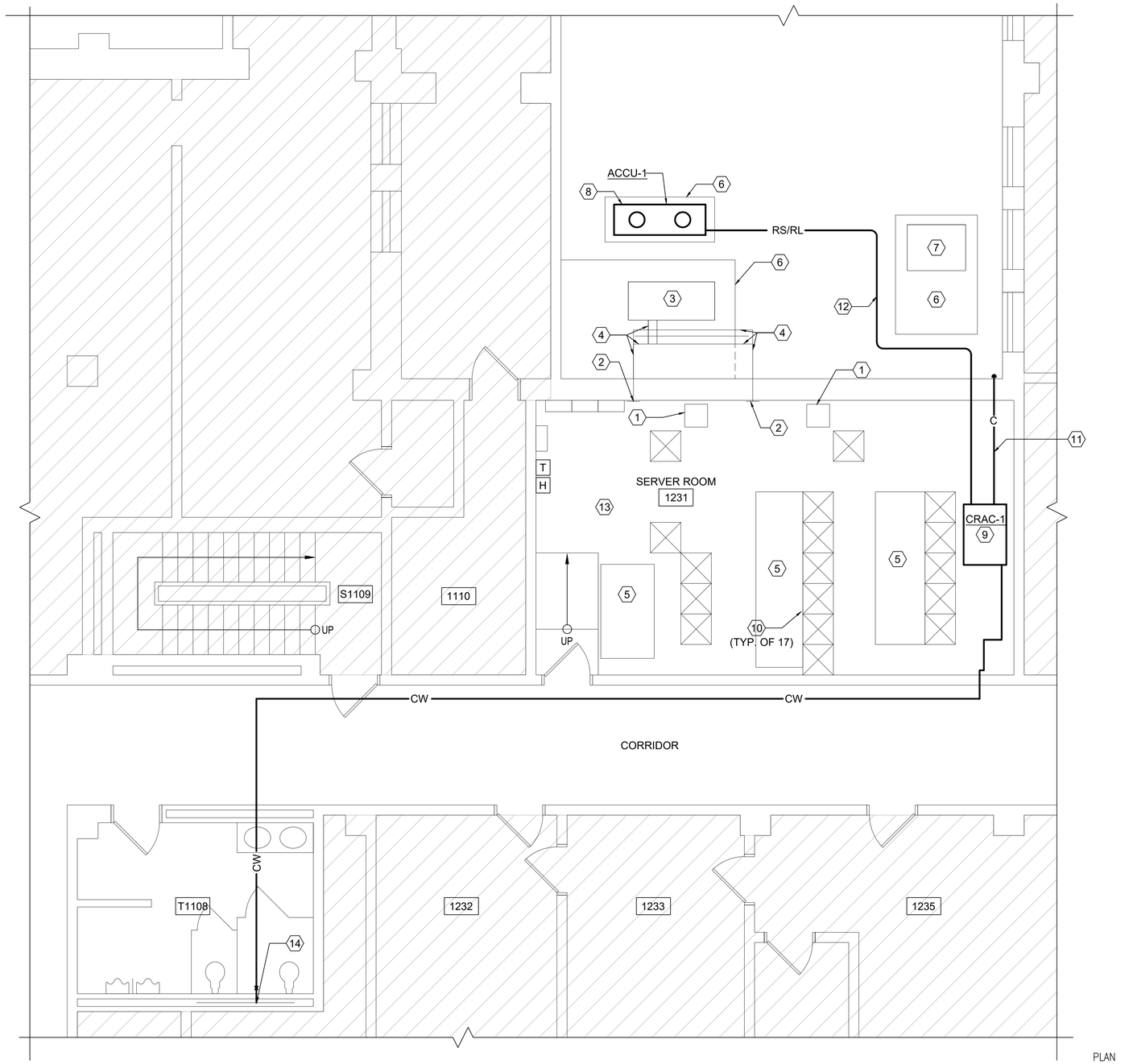
NAVFAC DRAWING NO. 12,938,974

SHEET 9 OF 17

MD101

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Spilt Systems Server Rm 1231\B_Design\DWGS\Sheet\12_MECH\N26_1852260_MD101.dwg LAYOUT NAME: AD101 PLOTTED: Wednesday, January 07, 2026 - 11:54am USER: richard.corbin1



ENLARGED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

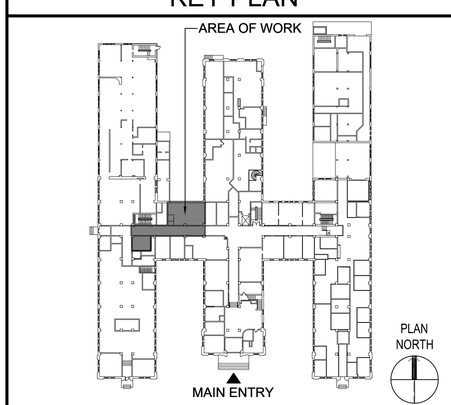
GENERAL SHEET NOTES

A. THE PACKAGED AIR HANDLING UNIT AND THE CRAC UNIT SHALL RUN IN THIS MODE OF OPERATION. The CRAC UNIT SHALL BE THE PRIMARY SOURCE OF CONDITION THE SPACE AND THE EXISTING PACKED AIR HANDLING UNIT SHALL BE THE BACK-UP SOURCE OF CONDITIONING THE SPACE IN THE EVENT THE CRAC UNIT DOES NOT FUNCTION.

KEYNOTES

1. EXISTING SERVER RACKS SHALL REMAIN IN PLACE.
2. EXISTING SIDE WALL SUPPLY DIFFUSERS SHALL REMAIN.
3. EXISTING PACKED 10-TON AIR HANDLING UNIT SHALL REMAIN.
4. THE EXISTING EXTERIOR DUCTWORK FROM THE AIR HANDLING UNIT TO THE BUILDING EXTERIOR WALL SHALL BE RE-SEALED AND RE-INSULATED WITH EXTERIOR INSULATION AND WEATHER PROTECTION COVERING.
5. EXISTING SERVER RACKS SHALL REMAIN IN PLACE.
6. EXISTING CONCRETE SLAB SHALL.
7. EXISTING CHILLER SHALL REMAIN.
8. PROVIDE AIR COOLED CONDENSING UNIT ON EXISTING CONCRETE PAD.
9. PROVIDE A COMPUTER ROOM AIR CONDITIONER BOTTOM SUPPLY DISCHARGE UNDER THE RAISED FLOOR AND AN OPEN RETURN AT THE TOP OF THE UNIT. PROVIDE RETURN AIR DUCT WORK FULL SIZE OF UNIT CONNECTION. ROUTE DUCT ABOVE DROP CEILING PROVIDE A 90 DEGREE ELBOW WITH WIRE MESH OVER THE INLET OF THE 90 DEGREE ELBOW. REFER TO DETAIL C3/MH501 "COMPUTER ROOM UNIT DIFFUSER DETAIL" AND DETAIL C5/MH501 "COMPUTER ROOM UNIT-DOWN FLOW DETAIL" FOR ADDITIONAL INFORMATION.
10. PROVIDE PERFORATED RAISED FLOOR TILES WITH 56% OPEN AREA. THE TILES SHALL HAVE AN ADJUSTABLE DAMPER.
11. ROUTE CONDENSATE LINE (1 1/2") BELOW THE RAISED FLOOR TO THE EXTERIOR OF THE BUILDING. TURN DOWN AND DISCHARGE ONTO A SPLASH BLOCK. FOR THE PIPING PASSING THROUGH THE WALL REFER TO DETAIL C2/MH501 "DETAIL - EXTERIOR WALL PIPE PENETRATION" FOR ADDITIONAL INFORMATION.
12. REFRIGERANT LINES SIZE PER MANUFACTURE'S RECOMMENDATIONS. FOR THE PIPING PASSING THROUGH THE WALL REFER TO DETAIL C2/MH501 "DETAIL - EXTERIOR WALL PIPE PENETRATION" FOR ADDITIONAL INFORMATION. ROUTE PIPING BELOW RAISED FLOOR.
13. 24X24 EGG CREATE GRILLES OPEN TO THE PLENUM ABOVE. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
14. PROVIDE A 1" DOMESTIC COLD WATER PIPE CONNECT TO THE EXISTING COLD WATER PIPING IN THE MEN'S RESTROOM. PROVIDE THE PIPING ROUTED TO THE SEVER ROOM ABOVE THE DROP CEILING WITH A CHECK VALVE AND AN ISOLATION VALVE.

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

MARK	DESCRIPTION	DATE

NAVFAC

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES WJW | DRW WJW | CHK XXX

PM/DM ALP/RLC

BRANCH MANAGER AMANDA PILLO, R.A.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - ROICC NORFOLK

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL STATION NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

ENLARGED FIRST FLOOR PLAN

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

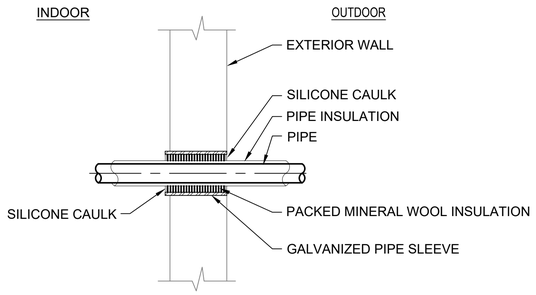
NAVFAC DRAWING NO. 12,938,975

SHEET 10 OF 17

MH101

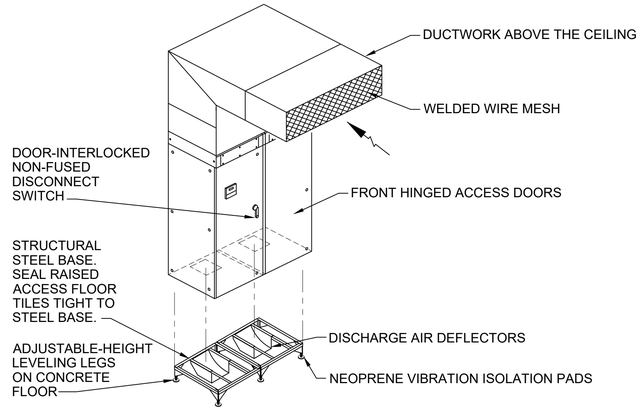
DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\12_MECH\N26_1852260_MH101.dwg LAYOUT NAME: MH101 ENLARGED FIRST FLOOR PLAN PLOTTED: Wednesday, January 07, 2026 – 11:56am USER: richard.corbin1



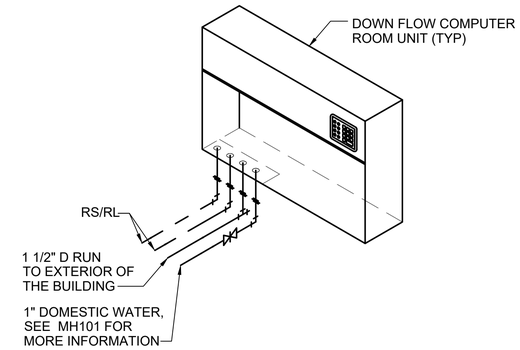
DETAIL - EXTERIOR WALL PIPE PENETRATION (C2)

NOT TO SCALE



COMPUTER ROOM UNIT DIFFUSER DETAIL (C3)

NOT TO SCALE

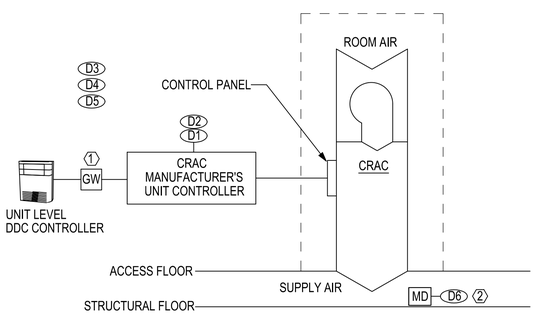


COMPUTER ROOM UNIT-DOWN FLOW DETAIL (C5)

NOT TO SCALE

CRAC UNIT POINT LIST

CONTROL MARK	POINT NAME	TYPE	ALARMS		GRAPHIC	TREND
			ALARM LO	ALARM HI		
D1	UNIT ENABLE/DISABLE	BO	FAIL	-		X
D2	UNIT STATUS	BI	-	-		X
D3	SPACE TEMPERATURE	AI	FAIL	FAIL		X
D4	SPACE HUMIDITY	BI	FAIL	FAIL		X
D5	SHUTOFF VALVE TO DCW LINE	AO	-	-		X
D6	MOISTURE DETECTOR	BI	-	FAIL		X



NOTES:
1. PROVIDE GATEWAY IF UNIT CONTROLLER IS NOT BACnet COMPATIBLE.
2. LOCATE MOISTURE DETECTOR BELOW UNIT.

SEQUENCE OF OPERATION:

CRAC MUST BE CONTROLLED BY UNIT MANUFACTURER ' S FACTORY INSTALLED CONTROL SYSTEM, WHICH MUST COMMUNICATE WITH THE DDC SYSTEM.

RUN CONDITIONS: CRAC MUST RUN UPON A DEMAND FROM THE SPACE THERMOSTAT TO SATISFY THE SPACE SETPOINT.

COOLING MODE: UPON A RISE IN SPACE TEMPERATURE ABOVE COOLING SET POINT (75 °F), COMPRESSOR(S) MUST ENERGIZE AND UNIT SUPPLY FAN MUST BE ENABLED. SUPPLY FAN MUST MODULATE TO MAINTAIN SPACE TEMPERATURE BETWEEN 68 °F AND 75 °F. UPON A FALL IN SPACE TEMPERATURE BELOW 68 °F, REVERSE MUST OCCUR.

HUMIDITY CONTROL: UPON A FALL IN SPACE HUMIDITY BELOW SETPOINT (30% RH), THE HUMIDIFIER MUST BE ENERGIZED. ON A RISE IN SPACE HUMIDITY ABOVE THE SETPOINT (50% RH) THE HUMIDIFIER MUST DEENERGIZE AND THE ELECTRIC REHEAT COIL MUST BE ACTIVATED.

ALARMS: UNIT MUST HAVE LOCAL ALARM AND SEND ALARM TO DDC, BUT NOT SHUT DOWN WHEN ANY OF THE FOLLOWING OCCUR:

1. MOISTURE DETECTION: WATER IS DETECTED BY UNDERFLOOR MOISTURE DETECTOR
2. SUPPLY FAN FAULT: SUPPLY FAN COMMAND AND STATUS DO NOT MATCH
3. HIGH SPACE TEMP: SPACE TEMP IS 5 °F ABOVE MAXIMUM ALLOWABLE SETPOINT (75 °F) FOR 5 MINUTES (ADJ.)
4. LOW SPACE TEMP: SPACE TEMP IS 5 °F BELOW MINIMUM ALLOWABLE SETPOINT (68 °F) FOR 5 MINUTES (ADJ.)

CONTROLS - CRAC UNIT

SCALE: NOT TO SCALE

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES WJW | DRW WJW | CHK ALP

PM/DM ALP/RLC

BRANCH MANAGER AMANDA PILLO, R.A.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT -RO/ICI NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND–MID-ATLANTIC
NAVAL STATION -NORFOLK, VA
NAVAL STATION NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

DETAILS AND CONTROLS

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

NAVFAC DRAWING NO. 12,938,976

SHEET 11 OF 17

MH501

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\12_MECH\N26_1852260_MH501.dwg LAYOUT NAME: MH501 DETAILS AND CONTROLS PLOTTED: Wednesday, January 07, 2026 - 2:35pm USER: richard.corbin1

COMPUTER ROOM AIR HANDLING UNIT SCHEDULE

MARK	FAN DATA			NET COOLING DATA				ELECTRIC REHEAT DATA				HUMIDIFIER		ELECTRICAL DATA					REMARKS
	CFM	HP	ESP (IN WG)	SENS (MBH)	TOTAL (MBH)	ENT AIR °FDB	ENT AIR °FWB	TOTAL (MBH)	ENT AIR (°F DB)	KW	NO. OF STAGES	LBS/HR	KW	VOLTS	PHASE	HERTZ	MCA	MOCP	
CRAC-1	4800	5	0.5	115	120	80	63	51.2	55	9	1	15	5.1	208	3	60	85.4	110	1,2,3,4

NOTES:

1. SELECTION BASED ON STULZ MODEL COS-120-AR-D-EC.
2. UNIT CONFIGURATION SHALL BE AN AIR COOLED SPLIT SYSTEM MODEL.
3. PROVIDE UNIT WITH MANUFACTURER'S UNIT MOUNTED DISCONNECT SWITCH.
4. PROVIDE UNIT WITH INTERNAL CONDENSATE PUMP.
5. PROVIDE THE UNIT WITH A 4" HIGH SUPPORT BASE.
6. PROVIDE THE UNIT WITH A BACnet CARD TO TIE INTO THE BUILDING DDC SYSTEM.

DESIGN CONDITIONS

	SUMMER		WINTER
	°FDB	°FWB	°FDB
OUTSIDE	91.0	77.0	22
INSIDE	60	60	60

AIR COOLED CONDENSING UNIT SCHEDULE

MARK	CAPACITY (MBH)	OAT (°F)	ELECTRICAL DATA				REMARKS
			VOLTS	PHASE	MCA	MOCP	
ACCU-1	115	95	208	3	21.9	25	1,2,3

NOTES:

1. CONDENSING UNIT AND COMPUTER ROOM UNIT SHALL BE A MATCHED SET FROM THE SAME MANUFACTURER.
2. SELECTION BASED ON STULZ MODEL SCS-252-SSA
3. PROVIDE UNIT WITH LOW AMBIENT CONTROL DOWN TO 0°F.

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT
SATISFACTORY TO DATE: 01/07/2026
DES: WJW | DRW: WJW | CHK: ALP
PM/DM: ALP/RLC
BRANCH MANAGER: AMANDA PILLO, R.A.
CHIEF ENG/ARCH: J.C. MILLER, P.E.
FIRE PROTECTION: N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - ROICC NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND--MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL STATION
NORFOLK, VIRGINIA
BUILDING N-26
MOUNTABLE A/C UNITS PROJECT
SCHEDULES

SCALE: AS NOTED
EPROJECT NO.: 1852260
CONSTR. CONTR. NO.: N/A
NAVFAC DRAWING NO.: 12,938,977
SHEET 12 OF 17
MH601
DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Spilt Systems Server Rm 1231\B_Design\DWGS\Sheet\12_MECH\N26_1852260_MH601.dwg LAYOUT NAME: MH601 SCHEDULES PLOTTED: Wednesday, January 07, 2026 - 3:35pm USER: richard.corbin1

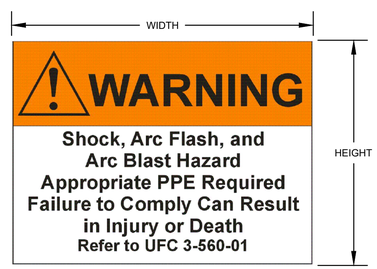
SYMBOLS LEGEND

GENERAL

A	GENERAL NOTE TAG - REFER TO "GENERAL NOTES THIS SHEET" FOR EACH SHEET
1	KEY NOTE TAG - REFER TO "KEYNOTES" FOR EACH SHEET
------	OBJECTS ON DRAWINGS AT THIS LINEWEIGHT ARE CATEGORIZED AS EXISTING TO BE DEMOLISHED, UON.
——	OBJECTS ON DRAWINGS AT THIS LINE WEIGHT ARE CATEGORIZED AS NEW OR PROPOSED FOR CONSTRUCTION, UON.

POWER/LIGHTING

	ELECTRICAL PANELBOARD (120/208V).
	NON-FUSED DOUBLE THROW DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	EXISTING LAY-IN LIGHT FIXTURE
	EXISTING WALL MOUNTED EMERGENCY LIGHT FIXTURE



NOTES:

1. PROVIDE SELF-ADHESIVE VINYL LABEL TO AFFIX TO ELECTRICAL EQUIPMENT TO WARN OF ARC FLASH HAZARDS.
2. THE LABEL FORMAT AND TEXT SHALL BE IN ACCORDANCE WITH THE FIGURE.
3. THE LABEL SHALL BE LOCATED ON THE EQUIPMENT TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.
4. THE SIZE OF THE LABEL SHALL BE MINIMUM:

EQUIPMENT TYPE	HEIGHT	WIDTH
INDOOR	2"	3"
OUTDOOR	3"	4.5"

5. A DOWNLOADABLE WINDOWS METAFILE IS AVAILABLE ON THE WHOLE BUILDING DESIGN GUIDE WEBSITE (WWW.WDBG.ORG) FOR USE IN A LABEL MAKING MACHINE.
   A. THE FILE IS LOCATED ON THE "NAVFAC CADD DETAILS" PAGE. TO NAVIGATE TO THIS LOCATION, FOLLOW: HOME > DOCUMENTS & REFERENCES > CCB > CADD LIBRARY > NAVFAC CADD RESOURCES > NAVFAC CADD DETAILS.
   B. ALTERNATIVELY, TYPE IN THE FOLLOWING ADDRESS IN INTERNET EXPLORER: HTTP://WWW.WBDG.ORG/CCB/BROWSE_CAT.PHP?C=232

GENERAL ARC FLASH WARNING LABEL

SKETCH DATE	APRIL 2015	STYLE	AF-1

ABBREVIATIONS

1/C	ONE CONDUCTOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ARCI	ARC-FAULT CIRCUIT INTERRUPTER
ARF	ABOVE RAISED FLOOR
BKR	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
DWG	DRAWING
EA	EACH
EC	EMPTY CONDUIT
ELEC	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXIST	EXISTING
EXP	EXPLOSION PROOF EQUIPMENT
FCU	FAN COIL UNIT
FT	FEET
GFCI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED
GFE	GOVERNMENT FURNISHED EQUIPMENT
GFGI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HGT	HEIGHT
HH	HANDHOLE
HID	HIGH INTENSITY DISCHARGE
HUB	COMPUTER DISTRIBUTION
LTS	LIGHTS
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MH	MANHOLE
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG HT	MOUNTING HEIGHT
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
OBI	OUTLET BASE INFEED
PNL	PANEL
PNLBD	PANELBOARD
PVC	POLYVINYL CHLORIDE CONDUIT
QU	QUANTITY
REC	RECEPTACLE
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
SHT	SHEET
SUB	SUBSTATION
T	TELEPHONE
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
W	WIRE
WP	WEATHERPROOF
WW	WIREWAY (TROUGH)
X	IN SCHEDULES, ITEM NOT APPLECABLE
XFMR	TRANSFORMER

GENERAL NOTES

A. ALL ELECTRICAL WORK AND MATERIAL IS NEW AND MUST BE AND PROVIDED BY THE CONTRACTOR UON.

B. AN EQUIPMENT GROUND WIRE MUST BE RUN WITH FEEDERS AND BRANCH CIRCUITS.

C. WIRING MUST BE PER NATIONAL ELECTRIC CODE (NEC).

D. ELECTRICAL EQUIPMENT MUST BE IDENTIFIED AND LABELED.

E. FEEDERS/CIRCUITS MUST BE IDENTIFIED AT EACH END OF THE WIRE AND AT EVERY SPLICE OR JUNCTION/PULL BOX.

F. PROVIDE NAMEPLATES ON THE EXTERIOR OF ALL ELECTRICAL PANELS AND ENCLOSURES AS FOLLOWS:

PANEL LP1A 100A, 120/208V-3Ø, 4W FEEDS FROM PANEL MDP INSTALLED 1996 DRAWING NO. 15,350	DEVICE I.D. DEVICE RATING POWER SOURCE INSTALLATION DATE NAVFAC DRAWING NUMBER

FOR DISCONNECT SWITCHES AND MOTOR STARTERS THE TOP LINE MUST BE THE NAME/DESIGNATION OF EQUIPMENT BEING FED BY SAME.

G. PROVIDE NEW TYPED DIRECTORIES FOR ALL PANELS (NEW OR EXISTING) INCLUDED IN THIS PROJECT.

H. EXTERIOR EQUIPMENT MUST BE RATED FOR CLASS I, DIVISION 2, UON.

I. DRAWINGS ARE BASED ON EXISTING BUILDING PLANS AND FIELD INVESTIGATIONS. CONTRACTOR MUST VISIT THE EXISTING BUILDING AND ACQUAINT HIMSELF/HERSELF WITH THE EXISTING FIELD CONDITIONS. CONTRACTOR MUST EXAMINE ALL DRAWINGS TO AVOID CONFLICT.

J. PROVIDE ARC-FLASH LABELS ON ALL PANELS/DISCONNECT SWITCHES AS PER UFC 3-560-01 AND NFPA 70E. SEE DETAIL PLATE ON SHEET E-001.

GENERAL DEMOLITION NOTES

1. ALL EQUIPMENT SHOWN WITH DASHED LINE MUST BE REMOVED.
2. ALL WIRING TO EQUIPMENT MUST BE REMOVED, UON.
3. ALL CONDUIT MUST BE REMOVED, UON.
4. ALL CONDUIT CONCEALED IN WALLS AND SLABS MUST BE BLANKED OFF AND ABANDONED IN PLACE. PATCH ALL WALLS AND SLABS AFTER DEMOLITION IS COMPLETE.
5. ALL BOXES DISCONTINUED MUST BE BLANKED OFF OR REMOVED AND DEVICES REMOVED.
6. EXISTING ELECTRICAL EQUIPMENT NOT INDICATED ON DEMOLITION PLAN MUST REMAIN CONNECTED FOR CONTINUED USE.
7. CONTRACTOR MUST RECONNECT ANY EXISTING CIRCUIT (INTERRUPTED BY REMOVAL OF AN EXISTING DEVICE) TO THE REMAINING ELECTRICAL EQUIPMENT LOCATED DOWNSTREAM FROM THE POINT OF INTERRUPTION.

CONSTRUCTION NOTES

1. CONTRACTOR MUST PROVIDE A MINIMUM OF 2 WEEKS NOTICE OF POWER OUTAGES TO ACTIVITY AND GOVERNMENT OFFICIAL.

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES JMG | DRW JMG | CHK DNB

PM/DM ALP/RLC

BRANCH MANAGER C. JEFF MORTON, P.E.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - RDIGC NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND~MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL STATION NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

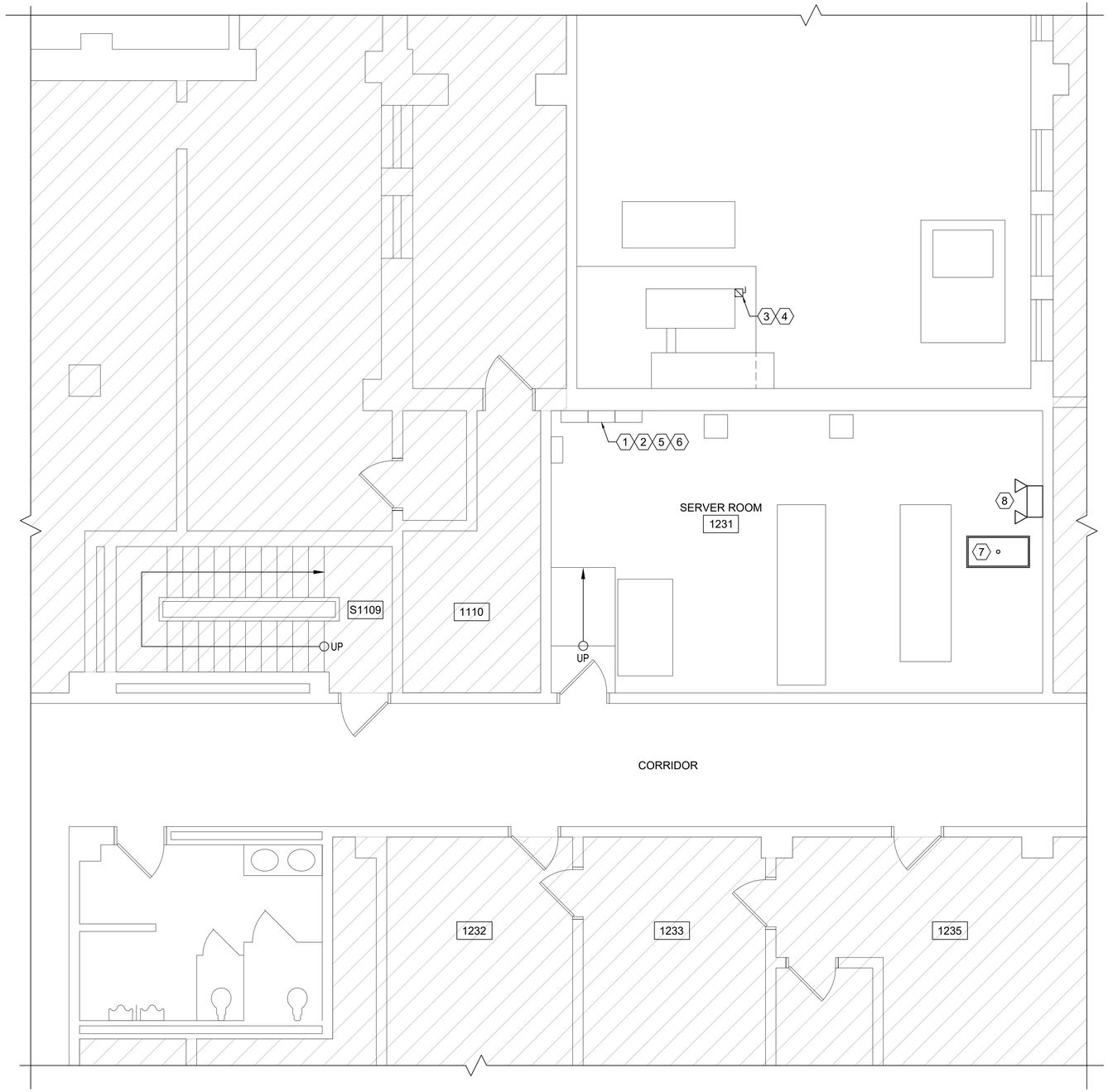
LEGEND, ABBREVIATIONS AND GENERAL NOTES

SCALE: AS NOTED
EPROJECT NO.: 1852260
CONSTR. CONTR. NO. N/A
NAVFAC DRAWING NO. 12,938,978
SHEET 13 OF 17

E-001

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWG3\Sheet\13_ELEC\N26_1852260_E-001.dwg LAYOUT NAME: E-001 LEGEND ABBREVIATIONS AND GENERAL NOTES PLOTTED: Wednesday, January 07, 2026 – 4:32pm USER: richard.corbin1



ENLARGED FIRST FLOOR PLAN - DEMOLITION

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO SHEET E-001 FOR GENERAL DEMOLITION NOTES.

B. ALL MATERIAL REMOVED UNDER DEMOLITION MUST BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED COMPLETELY OFF-SITE UNLESS NOTED OTHERWISE.

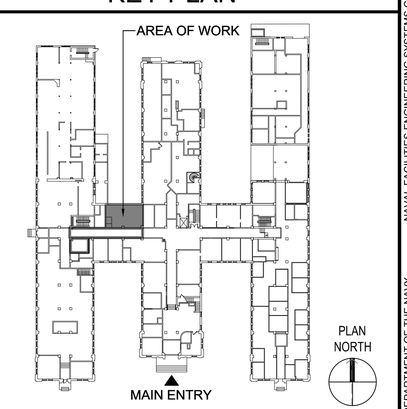
C. CIRCUITS SHOWN ARE BASED ON FIELD WORK AND DRAWING INVESTIGATIONS. CONTRACTOR MUST VERIFY ALL CIRCUITS PRIOR TO DEMOLITION.

D. EXISTING THREE SECTION PANEL HP, SIEMENS TYPE S1, 208/120V, 3PH, 4W.

KEYNOTES

1. EXISTING THREE SECTION PANEL HP. SIEMENS TYPE S1, 208/120V, 3PH, 4W TO REMAIN.
2. DEMOLISH 100 AMP, 3 POLE CIRCUIT BREAKER IN PANEL HP CIRCUIT HP-56,58,60.
3. DEMOLISH CONDUCTORS FEEDING EXISTING HVAC UNIT FROM CIRCUIT HP-56,58,60 100 AMP, 3 POLE CIRCUIT BREAKER TO DISCONNECT SWITCH AT HVAC UNIT.
4. DEMOLISH EXISTING DISCONNECT AT HVAC UNIT.
5. DEMOLISH 20 AMP, 1 POLE CIRCUIT BREAKER IN PANEL HP, CIRCUIT HP-34.
6. DEMOLISH 30 AMP, 2 POLE CIRCUIT BREAKER IN PANEL HP, CIRCUIT HP-36,38.
7. DISCONNECT AND REMOVE EXISTING 2X4 LAYIN LIGHT FIXTURE AND TURN OVER TO THE GOVERNMENT.
8. DISCONNECT EMERGENCY LIGHT FIXTURE TO BE RELOCATED.

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES JMG | DRW JMG | CHK DNB

PM/DM ALP/RLC

BRANCH MANAGER C. JEFF MORTON, P.E.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - RDIVCO NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND~MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL STATION
NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

ENLARGED FIRST FLOOR PLAN - DEMOLITION

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

NAVFAC DRAWING NO. 12,938,979

SHEET 14 OF 17

ED101

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\13_ELEC\N26_1852260_ED101.dwg LAYOUT NAME: ED101 ENLARGED FIRST FLOOR PLAN – DEMO PLOTTED: Thursday, January 08, 2026 – 9:28am USER: richard.corbin1

EXISTING SECT 1 OF 3

PANEL "HP" (1)

208 / 120 V 3 PH- 4 W
225 A- 3 P MCB 10 KAIC

LOAD SERVED	LOAD A	LOAD B	LOAD C	BKR TRIP	WIRE SIZE	CKT NO.	CKT NO.	WIRE SIZE	BKR TRIP	LOAD A	LOAD B	LOAD C	LOAD SERVED
EXISTING LOAD	–			20	–	1	2	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	3	4	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	5	6	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	7	8	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	9	10	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	11	12	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	13	14	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	15	16	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	17	18	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	19	20	–	20	–			EXISTING LOAD
SPACE		–		––	–	21	22	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	23	24	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	25	26	–	––	–			SPACE
		–			–	27	28	–	20		–		EXISTING LOAD
			–		–	29	30	–	––			–	SPACE
FEED THROUGH LUGS	–	–	–	TOTAL CONNECTED LOAD (AMPS)		A= –A B= –A C= –A				–	–	–	MOUNTING: RECESSED ENCLOSURE: NEMA 1 FEEDER: –/PH AIC EACH CB: –,000

EXISTING SECT 2 OF 3

PANEL "HP" (1)

208 / 120 V 3 PH- 4 W
250 A- 3 P MLO 10 KAIC

LOAD SERVED	LOAD A	LOAD B	LOAD C	BKR TRIP	WIRE SIZE	CKT NO.	CKT NO.	WIRE SIZE	BKR TRIP	LOAD A	LOAD B	LOAD C	LOAD SERVED
EXIT LIGHTS	–			20	–	31	32	–	20	–			RECPT FLOOR
FA		–		20	–	33	34	–	20		–		SPARE (4)
SPARE			–	30	–	35	36	–	30			–	SPARE (5)
	–				–	37	38	–		–			
SPARE		–		20	–	39	40	–	20		–		SPARE
SPARE			–	20	–	41	42	–	20			–	RECEPTACLE
FIRE ALARM	–			20	–	43	44	–	30	–			SPARE
EXISTING LOAD		–		20	–	45	46	–			–		
SPARE			–	30	–	47	48	–	70			–	SPARE
	–				–	49	50	–		–			
SPARE		–		30	–	51	52	–	20		–		LAMAS RACK
			–		–	53	54	–	30			–	SPARE
FOR NMCI USE ONLY	–			20	–	55	56	–	100	–			HVAC (2)(3)
FOR NMCI USE ONLY		–		30	–	57	58	–			–		
FOR NMCI USE ONLY			–	30	–	59	60	–					
FEED THROUGH LUGS	–	–	–	TOTAL CONNECTED LOAD (AMPS)		A= –A B= –A C= –A				–	–	–	MOUNTING: RECESSED ENCLOSURE: NEMA 1 FEEDER: –/PH AIC EACH CB: –,000

EXISTING SECT 3 OF 3

PANEL "HP" (1)

208 / 120 V 3 PH- 4 W
250 A- 3 P MLO 10 KAIC

LOAD SERVED	LOAD A	LOAD B	LOAD C	BKR TRIP	WIRE SIZE	CKT NO.	CKT NO.	WIRE SIZE	BKR TRIP	LOAD A	LOAD B	LOAD C	LOAD SERVED
EXISTING LOAD	–			20	–	1	2	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	3	4	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	5	6	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	7	8	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	9	10	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	11	12	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	13	14	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	15	16	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	17	18	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	19	20	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	21	22	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	23	24	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	25	26	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	27	28	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	29	30	–	20			–	EXISTING LOAD
	–	–	–	TOTAL CONNECTED LOAD (AMPS)		A= –A B= –A C= –A				–	–	–	MOUNTING: RECESSED ENCLOSURE: NEMA 1 FEEDER: –/PH AIC EACH CB: –,000

GENERAL SHEET NOTES

A. REFER TO SHEET E-001 FOR GENERAL DEMOLITION NOTES.

B. ALL MATERIAL REMOVED UNDER DEMOLITION MUST BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED COMPLETELY OFF-SITE UNLESS NOTED OTHERWISE.

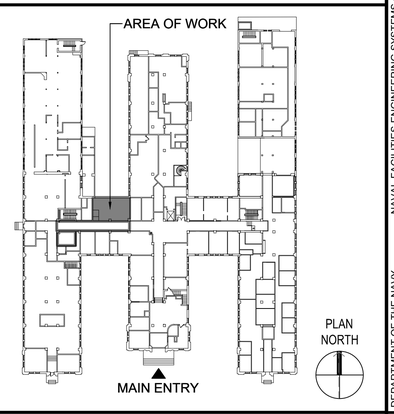
C. CIRCUITS SHOWN ARE BASED ON FIELD WORK AND DRAWING INVESTIGATIONS. CONTRACTOR MUST VERIFY ALL CIRCUITS PRIOR TO DEMOLITION.

D. EXISTING THREE SECTION PANEL HP, SIEMENS TYPE S1, 208/120V, 3PH, 4W.

KEYNOTES

1. EXISTING THREE SECTION PANEL HP. SIEMENS TYPE S1, 208/120V, 3PH, 4W.
2. DEMOLISH 100 AMP, 3 POLE CIRCUIT BREAKER IN PANEL HP CIRCUIT HP-56,58,60.
3. DEMOLISH CONDUCTORS FEEDING EXISTING HVAC UNIT FROM 100 AMP, 3 POLE CIRCUIT BREAKER TO HVAC UNIT.
4. DEMOLISH 20 AMP, 1 POLE CIRCUIT BREAKER IN PANEL HP CIRCUIT HP-34.
5. DEMOLISH 30 AMP, 2 POLE CIRCUIT BREAKER IN PANEL HP CIRCUIT HP-36,38.

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT
SATISFACTORY TO DATE 01/07/2026
DES JMG | DRW JMG | CHK DNB
PM/DM ALP/RLC
BRANCH MANAGER C. JEFF MORTON, P.E.
CHIEF ENG/ARCH J.C. MILLER, P.E.
FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - RONCO NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND–MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL STATION NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

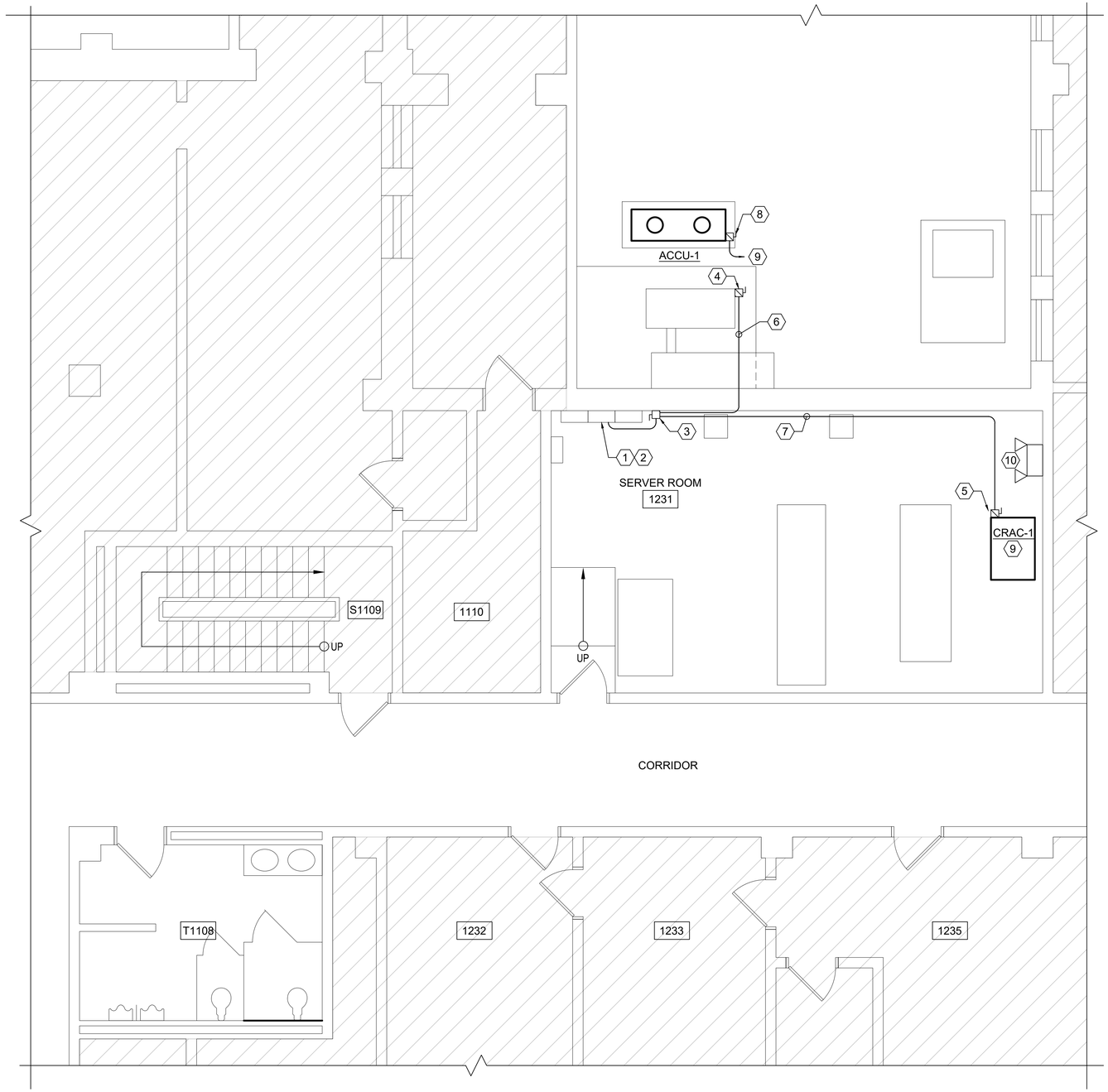
PANEL SCHEDULES - DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1852260
CONSTR. CONTR. NO. N/A
NAVFAC DRAWING NO. 12,938,980
SHEET 15 OF 17

ED501

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\13_ELEC\N26_1852260_ED501.dwg LAYOUT NAME: ED101 ENLARGED FIRST FLOOR PLAN – DEMO PLOTTED: Thursday, January 08, 2026 – 9:30am USER: richard.corbin1



ENLARGED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO SHEET E-001 FOR GENERAL DEMOLITION NOTES.

B. ALL MATERIAL REMOVED UNDER DEMOLITION MUST BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED COMPLETELY OFF-SITE UNLESS NOTED OTHERWISE.

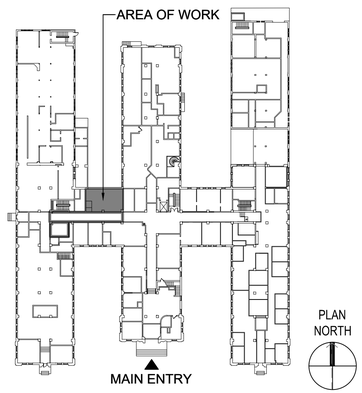
C. CIRCUITS SHOWN ARE BASED ON FIELD WORK AND DRAWING INVESTIGATIONS. CONTRACTOR MUST VERIFY ALL CIRCUITS PRIOR TO DEMOLITION.

D. EXISTING THREE SECTION PANEL HP, SIEMENS TYPE S1, 208/120V, 3PH, 4W.

KEYNOTES

1. EXISTING THREE SECTION PANEL HP, SIEMENS TYPE S1, 208/120V, 3PH, 4W.
2. PROVIDE A 110 AMP, 3 POLE CIRCUIT BREAKER IN PANEL HP, CIRCUIT HP-56,58,60.
3. PROVIDE A 240V, 200A, 3P, NON-FUSED, DOUBLE-THROW DISCONNECT TO FEED TWO HVAC UNITS.
4. PROVIDE A 240V, 100A, 3P, NEMA 4X, FUSED DISCONNECT AT EXISTING PACKAGED UNIT. PROVIDE 100A FUSES.
5. PROVIDE A 240V, 200A, 3P, NEMA 1, FUSED DISCONNECT AT CRAC-1. PROVIDE 110A FUSES.
6. PROVIDE 4-#1, 1-#6 GND, IN 1-1/2" RGS CONDUIT FROM DOUBLE-THROW DISCONNECT TO EXISTING PACKAGE UNIT DISCONNECT.
7. PROVIDE 4-#1, 1-#6 GND, IN 1-1/2" C FROM DOUBLE-THROW DISCONNECT ABOVE LAYIN CEILING TO CRAC-1 DISCONNECT.
8. PROVIDE A 240V, 25A FUSES, 3P, NEMA 4X, 30A RATED FUSED DISCONNECT AT ACCU-1.
9. PROVIDE 4-#10, 1-#10 GND, IN 3/4" RGS CONDUIT FROM PANEL HP, CIRCUIT HP-34,36,38.
10. RELOCATED EXISTING EMERGENCY LIGHT FIXTURE TO LOCATION SHOWN. RECONNECT TO EXISTING CIRCUIT WITH 2-#12, 1-#12GND IN 1/2" C.

KEY PLAN



GRAPHIC SCALE

1/4"=1'-0" 0' 2' 4' 8'

MARK	DESCRIPTION	DATE

SEAL

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 2-3-26

ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

DES JMG | DRW JMG | CHK DNB

PM/DM ALP/RLC

BRANCH MANAGER C. JEFF MORTON, P.E.

CHIEF ENG/ARCH J.C. MILLER, P.E.

FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MIDLANT - ROICC NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND–MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL STATION

NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

ENLARGED FIRST FLOOR PLAN

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

NAVFAC DRAWING NO 12,938,981

SHEET 16 OF 17

EP101

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\W\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\13_ELEC\N26_1852260_EP101.dwg LAYOUT NAME: EP101 ENLARGED FIRST FLOOR PLAN PLOTTED: Thursday, January 08, 2026 – 9:32am USER: richard.corbin1

EXISTING SECT 1 OF 3

PANEL "HP" (1)

208 / 120 V 3 PH- 4 W
225 A- 3 P MCB 10 KAIC

LOAD SERVED	LOAD A	LOAD B	LOAD C	BKR TRIP	WIRE SIZE	CKT NO.	CKT NO.	WIRE SIZE	BKR TRIP	LOAD A	LOAD B	LOAD C	LOAD SERVED
EXISTING LOAD	–			20	–	1	2	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	3	4	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	5	6	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	7	8	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	9	10	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	11	12	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	13	14	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	15	16	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	17	18	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	19	20	–	20	–			EXISTING LOAD
SPACE		–		––	–	21	22	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	23	24	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	25	26	–	––	–			SPACE
		–			–	27	28	–	20		–		EXISTING LOAD
			–		–	29	30	–	––			–	SPACE
FEED THROUGH LUGS	–	–	–	TOTAL CONNECTED LOAD (AMPS)		A= –A B= –A C= –A				–	–	–	MOUNTING: RECESSED ENCLOSURE: NEMA 1 FEEDER: –/PH AIC EACH CB: –,000

EXISTING SECT 2 OF 3

PANEL "HP" (1)

208 / 120 V 3 PH- 4 W
250 A- 3 P MLO 10 KAIC

LOAD SERVED	LOAD A	LOAD B	LOAD C	BKR TRIP	WIRE SIZE	CKT NO.	CKT NO.	WIRE SIZE	BKR TRIP	LOAD A	LOAD B	LOAD C	LOAD SERVED
EXIT LIGHTS	–			20	–	31	32	–	20	–			RECPT FLOOR
FA		–		20	–	33	34	–	30		18.0		ACCU-1 (4)(5)
SPARE			–	30	–	35	36	–				18.0	
	–				–	37	38	–		18.0			
SPARE		–		20	–	39	40	–	20		–		SPARE
SPARE			–	20	–	41	42	–	20			–	RECEPTACLE
FIRE ALARM	–			20	–	43	44	–	30	–			SPARE
EXISTING LOAD		–		20	–	45	46	–			–		
SPARE			–	30	–	47	48	–	70			–	SPARE
	–				–	49	50	–		–			
SPARE		–		30	–	51	52	–	20		–		LAMAS RACK
			–		–	53	54	–	30			–	SPARE
FOR NMCI USE ONLY	–			20	–	55	56	–	110	49.4			HVAC (2)(3)
FOR NMCI USE ONLY		–		30	–	57	58	–			49.4		
FOR NMCI USE ONLY			–	30	–	59	60	–				49.4	
FEED THROUGH LUGS	–	–	–	TOTAL CONNECTED LOAD (AMPS)		A= –A B= –A C= –A				–	–	–	MOUNTING: RECESSED ENCLOSURE: NEMA 1 FEEDER: –/PH AIC EACH CB: –,000

EXISTING SECT 3 OF 3

PANEL "HP" (1)

208 / 120 V 3 PH- 4 W
250 A- 3 P MLO 10 KAIC

LOAD SERVED	LOAD A	LOAD B	LOAD C	BKR TRIP	WIRE SIZE	CKT NO.	CKT NO.	WIRE SIZE	BKR TRIP	LOAD A	LOAD B	LOAD C	LOAD SERVED
EXISTING LOAD	–			20	–	1	2	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	3	4	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	5	6	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	7	8	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	9	10	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	11	12	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	13	14	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	15	16	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	17	18	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	19	20	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	21	22	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	23	24	–	20			–	EXISTING LOAD
EXISTING LOAD	–			20	–	25	26	–	20	–			EXISTING LOAD
EXISTING LOAD		–		20	–	27	28	–	20		–		EXISTING LOAD
EXISTING LOAD			–	20	–	29	30	–	20			–	EXISTING LOAD
	–	–	–	TOTAL CONNECTED LOAD (AMPS)		A= –A B= –A C= –A				–	–	–	MOUNTING: RECESSED ENCLOSURE: NEMA 1 FEEDER: –/PH AIC EACH CB: –,000

GENERAL SHEET NOTES

A. REFER TO SHEET E-001 FOR GENERAL DEMOLITION NOTES.

B. ALL MATERIAL REMOVED UNDER DEMOLITION MUST BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED COMPLETELY OFF-SITE UNLESS NOTED OTHERWISE.

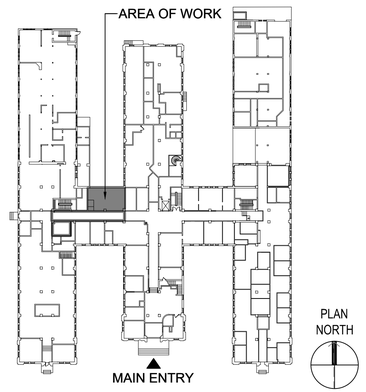
C. CIRCUITS SHOWN ARE BASED ON FIELD WORK AND DRAWING INVESTIGATIONS. CONTRACTOR MUST VERIFY ALL CIRCUITS PRIOR TO DEMOLITION.

D. EXISTING THREE SECTION PANEL HP, SIEMENS TYPE S1, 208/120V, 3PH, 4W.

KEYNOTES

1. EXISTING THREE SECTION PANEL HP. SIEMENS TYPE S1, 208/120V, 3PH, 4W.
2. PROVIDE A 110 AMP, 3 POLE CIRCUIT BREAKER IN PANEL HP, CIRCUIT HP 56,58,60.
3. PROVIDE 4 #1, 1 #6 GND, IN 1-1/2" C FROM CIRCUIT HP-56,58,60 TO DOUBLE THROW NON FUSED DISCONNECT.
4. PROVIDE A 30 AMP, 3 POLE CIRCUIT BREAKER IN PANEL HP, CIRCUIT HP-34,36,38.
5. PROVIDE 4 #10, 1 #10 GND, IN 3/4" RGS CONDUIT FROM CIRCUIT HP-34,36,38 TO ACCU-1 FUSED DISCONNECT.

KEY PLAN



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1/4"=1'-0" 0' 2' 4' 8'

MARK	DESCRIPTION	DATE

NAVFAC

SEAL

A/E INFO

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ACTIVITY: COMNAVREG MIDLANT

SATISFACTORY TO DATE 01/07/2026

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FIRE PROTECTION N/A

DEPARTMENT OF THE NAVY
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MIDLANT - RDIVCO NORFOLK
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND–MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL STATION NORFOLK, VIRGINIA

BUILDING N-26
MOUNTABLE A/C UNITS PROJECT

PANEL SCHEDULES

SCALE: AS NOTED

EPROJECT NO.: 1852260

CONSTR. CONTR. NO. N/A

NAVFAC DRAWING NO. 12,938,982

SHEET 17 OF 17

EP501

DRAWFORM REVISION: 14 SEP 2023

FILE NAME: P:\VA\NavalStationNorfolk\Buildings\N\N-26\2025_1852260_HVAC 3 Split Systems Server Rm 1231\B_Design\DWGS\Sheet\13_ELEC\N26_1852260_EP501.dwg LAYOUT NAME: EP501 PLOTTED: Thursday, January 08, 2026 - 9:33am USER: richard.corbin1