

# BUILDING 3841 AND 3842 MODERNIZE MEDICAL SPACES

## JOINT EXPEDITIONARY BASE LITTLE CREEK - FORT STORY VIRGINIA BEACH, VIRGINIA

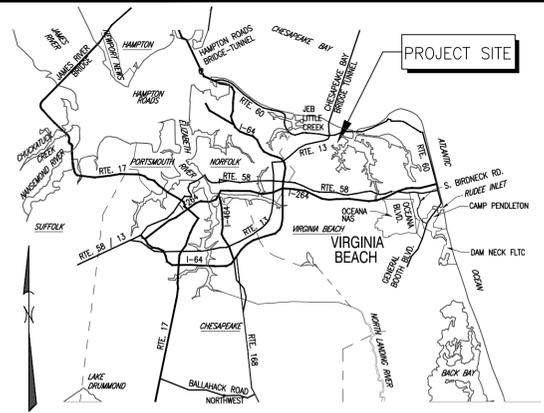
### NAVFAC MID-ATLANTIC, LITTLE CREEK SITE

#### FACILITIES ENGINEERING AND ACQUISITION DIVISION - LITTLE CREEK



DATE	
DESCRIPTION	
SWR	
SEAL	
A/E INFO	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE	10/3/23
DES	JGH
DRW	JGH
CHK	RS
PM/DM	J HOFFLER
BRANCH MANAGER	R. SILVA
CHIEF ENG/ARCH	ELPIDIO REYES
FIRE PROTECTION	MICHAEL SINDALL

#### VICINITY MAP



#### SYMBOLS LEGEND

- CARET SYMBOLIZES A PHOTOGRAPH OR INTERIOR ELEVATION.
- SHADED ARROW SIGNIFIES A SECTION CUT OR EXTERIOR ELEVATION.
- DETAIL, SECTION, OR ELEVATION NUMBER. NUMBER REFERENCES GRID PLACEMENT ON SHEET WHICH DETAIL IS DRAWN.
- SHEET ON WHICH DETAIL, SECTION, OR ELEVATION IS DRAWN

**DETAIL OR SECTION TITLE**  
SCALE: X/X" = 1'-0"  
G-001, A-00#

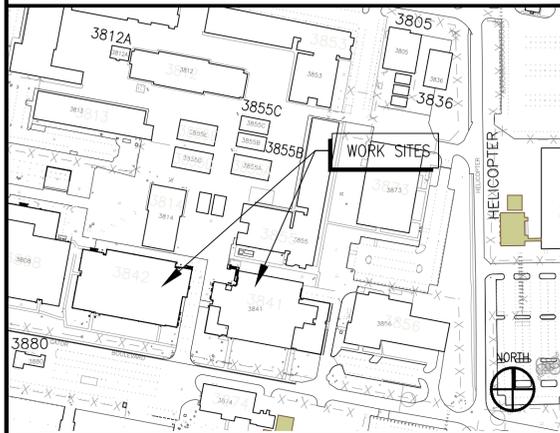
#### GENERAL NOTES

- PROJECT DESCRIPTION:**
  - RENOVATION OF AN EXISTING BUSINESS USE SPACE TO CREATE NEW OFFICES FOR THE DEPARTMENT OF MENTAL HEALTH.
- ALL ITEMS NOTED TO BE DEMOLISHED OR REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM GOVERNMENT PROPERTY, UNLESS OTHERWISE SPECIFIED. DISPOSITION OF THE ITEMS/MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR WHO SHALL ADHERE TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
  - THE CONTRACTOR LAY DOWN AREA SHALL BE COORDINATED WITH THE ACTIVITY BY THE CONTRACTING OFFICER PRIOR TO THE PRE CONSTRUCTION MEETING. THE ALLOWABLE SIZE OF AREA SHALL BE ESTABLISHED BY THE CONTRACTING OFFICER.
  - THE CONTRACTOR WILL BE ALLOWED TO WORK IN BOTH BUILDINGS SIMULTANEOUSLY.

#### SHEET LIST INDEX

SHEET NO.	SHEET ID	NAVFAC NO.	SHEET TITLE
1	G-001	12918776	COVER SHEET
2	AD101	12918777	DEMOLITION PLAN
3	AD102	12918778	REFLECTED CEILING DEMOLITION PLAN
4	A-101	12918779	NEW WORK PLAN
5	A-102	12918780	NEW WORK REFLECTED CEILING PLAN
6	A-601	12918781	DETAILS
7	P-001	12918782	PLUMBING LEGENDS, NOTES AND ABBREVIATIONS
8	PD101	12918783	PARTIAL SECOND FLOOR PLANS - DEMOLITION
9	P-101	12918784	PARTIAL FLOOR PLANS - PLUMBING
10	M-001	12918785	MECHANICAL LEGENDS, NOTES AND ABBREVIATIONS
11	MD101	12918786	PARTIAL SECOND FLOOR PLANS - DEMOLITION
12	M-101	12918787	PARTIAL FLOOR PLANS - MECHANICAL
13	M-501	12918788	MECHANICAL DETAILS
14	E-001	12918789	LEGEND, NOTES AND DETAILS
15	ED101	12918790	PARTIAL SECOND FLOOR PLANS - DEMOLITION
16	E-101	12918791	PARTIAL FLOOR PLANS - LIGHTING
17	E-102	12918792	PARTIAL FLOOR PLANS - POWER AND SYSTEMS
18	E-501	12918793	DIAGRAMS AND DETAILS
19	E-502	12918794	PANELBOARD SCHEDULES

#### LOCATION MAP



#### ABBREVIATIONS

ALUM	ALUMINUM	MFR	MANUFACTURER
B/W	BETWEEN	MPH	MILES PER HOUR
CL	CENTERLINE	OC	ON CENTER
CMU	CONC MASONRY UNIT	PSF	POUNDS PER SQ FT
CONC	CONCRETE	PSI	POUNDS PER SQ IN
DEPT	DEPARTMENT	REINF	REINFORCING, -MENT
Ø or DIA	DIAMETER	REQ'D	REQUIRED
DIM	DIMENSION	SCHED	SCHEDULE
DWGS	DRAWINGS	SHT	SHEET
ELEV	ELEVATION	SPEC	SPECIFICATION
EIFS	EXTERIOR INSUL FINISH SYSTEM	SQ	SQUARE
EXIST	EXISTING	T&B	TOP & BOTTOM
FED	FEDERAL	TYP	TYPICAL
GALV	GALVANIZED	VERT	VERTICAL
KTR	CONTRACTOR	UON	UNLESS OTHERWISE NOTED
LB	POUNDS	VDOT	VIRGINIA DEPT OF TRANSPORTATION
MAX	MAXIMUM	W/	WITH
MIN	MINIMUM	W/O	WITHOUT

DEPARTMENT OF THE NAVY  
NAVFAC MID-ATLANTIC  
FACILITIES ENGINEERING COMMAND  
LITTLE CREEK SITE  
VIRGINIA BEACH, VA

BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES

COVER SHEET

SCALE: AS NOTED  
PROJECT NO.: 1774969  
CONSTR. CONTR. NO. N/A  
NAVFAC DRAWING NO. 12918776  
SHEET 1 OF 19  
G-001  
DRAWING REVISION: 07 AUG 2018

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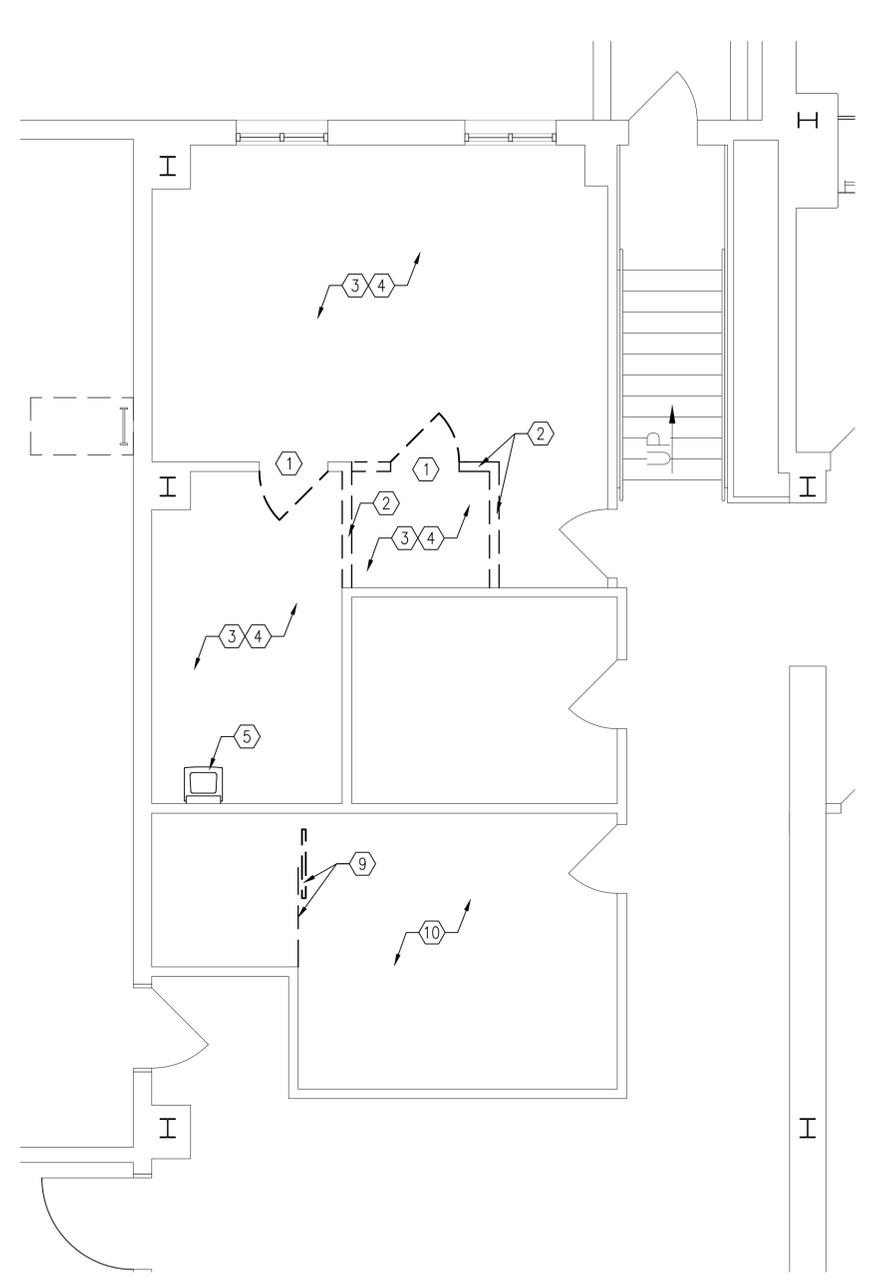
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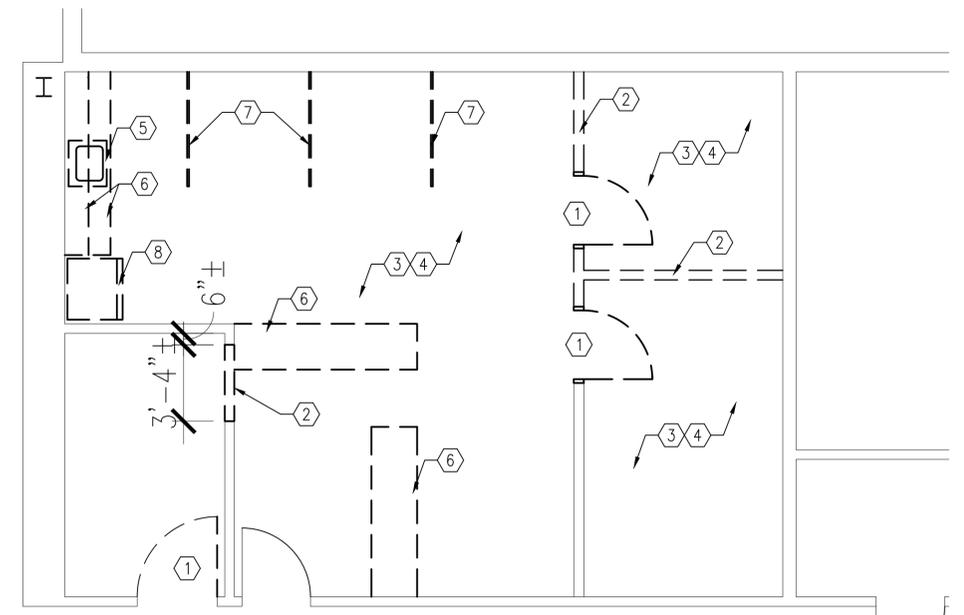
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DEMOLITION PLAN - BLDG 3841

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

AD101



DEMOLITION PLAN - BLDG 3842

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

AD101

GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY ALL ± DIMENSIONS INDICATED.
2. ALL DIMENSIONS OF EXISTING CONDITIONS ARE FROM FACE OF FINISH TO FACE OF FINISH.
3. ALL BUILDING ELEMENTS TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

KEYNOTES

1. REMOVE EXISTING DOOR AND FRAME COMPLETELY.
2. REMOVE EXISTING STUD WALL AS INDICATED.
3. REMOVE EXISTING CARPET.
4. REMOVE EXISTING WALL BASE, ALL WALLS.
5. REMOVE EXISTING SINK. SEE PLUMBING.
6. REMOVE EXISTING CASEWORK COMPLETELY.
7. REMOVE EXISTING CUBICLE PARTITIONS, TYPICAL.
8. REMOVE AND SALVAGE EXISTING REFRIGERATOR. RETURN TO OWNER.
9. REMOVE EXISTING STEEL CAGE AND SLIDING DOOR.
10. REMOVE EXISTING VCT FLOORING AND WALL BASE.



APPROVED

FIR COMMANDER NAFAC

ACTIVITY

SATISFACTORY TO DATE 10/3/23

DES JGH DRW JGH CHK CL

PM/DM J HOFFLER

BRANCH MANAGER R. SILVA

CHIEF ENG/ARCH ELPIDIO REYES

FIRE PROTECTION MICHAEL SINDALL

NAVAL FACILITIES ENGINEERING COMMAND VIRGINIA BEACH VA

NAVAL FACILITIES ENGINEERING COMMAND VIRGINIA BEACH VA

JEB LITTLE CREEK - FORT STORY VIRGINIA BEACH, VA

BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES

DEMOLITION PLAN

SCALE: AS INDICATED

EPROJECT NO.: 1774969

CONSTR. CONTR. NO. N/A

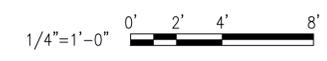
NAFAC DRAWING NO. 12918777

SHEET 2 OF 19

AD101

DRAWING REVISION: 07 AUG 2018

GRAPHIC SCALE



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FILE NAME: K:\VA\LittleCreek\Buildings\3842\2024\_1774969\_MODERNIZE\_MEDICAL\_SPACES\G\_Design\DWGS\Sheet\08\_ARCH\1774969-AD101.dwg LAYOUT: NAME: AD101 DEMOLITION PLAN PLOTTED: Friday, March 21, 2025 - 8:58am USER: scott.lichtsapher

UNCLASSIFIED

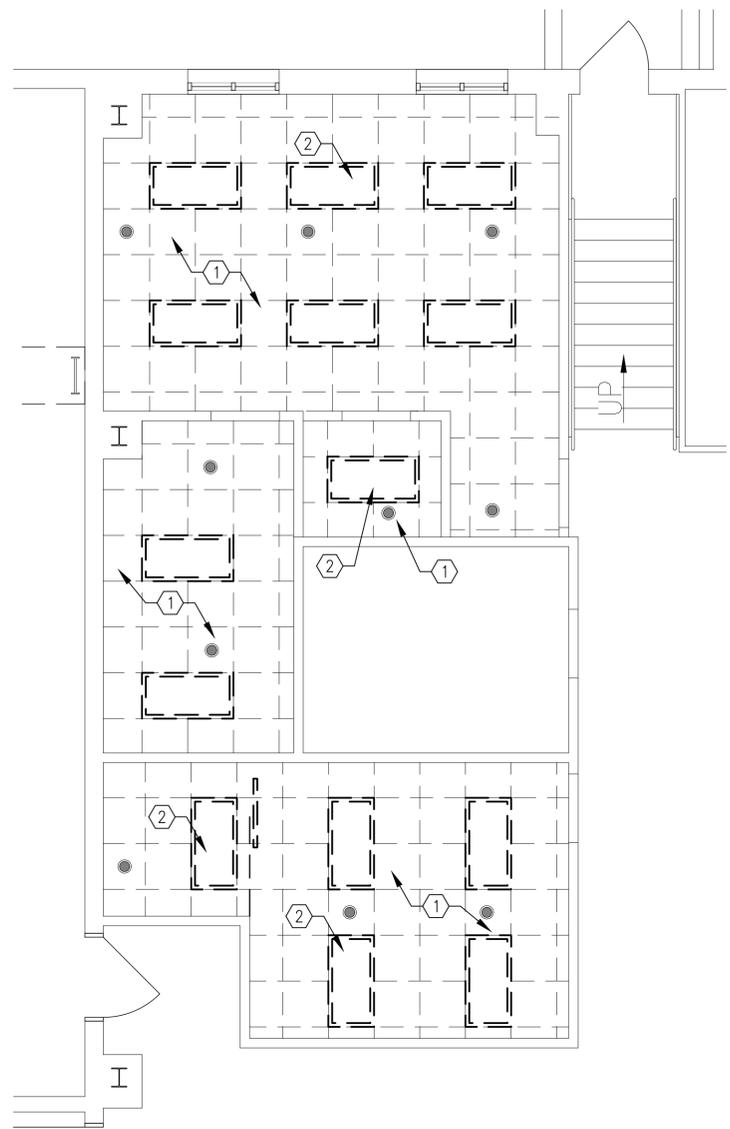
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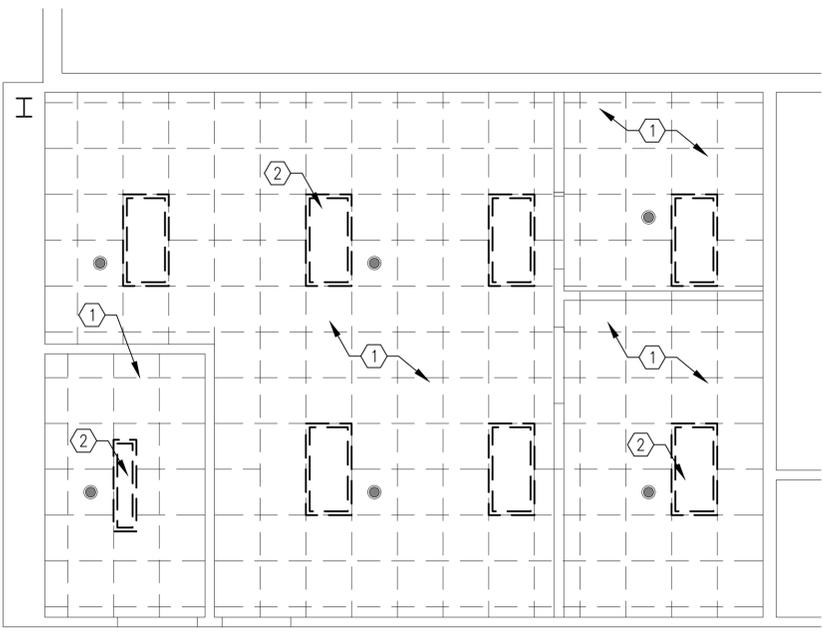
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**REFLECTED CEILING DEMOLITION PLAN - BLDG 3841**  
 SCALE: 1/4" = 1'-0" AD102



**REFLECTED CEILING DEMOLITION PLAN - BLDG 3842**  
 SCALE: 1/4" = 1'-0" AD102

**GENERAL NOTES**

1. CONTRACTOR TO FIELD VERIFY ALL ± DIMENSIONS INDICATED.
2. ALL DIMENSIONS OF EXISTING CONDITIONS ARE FROM FACE OF FINISH TO FACE OF FINISH.
3. ALL BUILDING ELEMENTS TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

**KEYNOTES**

1. REMOVE EXISTING SUSPENDED ACOUSTICAL TILE CEILING AND SUSPENDED GRID SYSTEM COMPLETELY.
2. REMOVE EXISTING LIGHTS. SEE ELECTRICAL FOR MORE INFORMATION.



APPROVED  
 FOR COMMANDER NAVFAC  
 ACTIVITY

SATISFACTORY TO DATE 10/3/23  
 DES JGH DRW JGH CHK CL  
 PM/DM J HOFFLER  
 BRANCH MANAGER R. SILVA  
 CHIEF ENG/ARCH ELPIDIO REYES  
 FIRE PROTECTION MICHAEL SINDALL

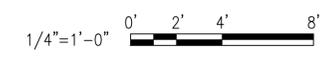
DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 VIRGINIA BEACH VA  
 JEB LITTLE CREEK - FORT STORY  
 VIRGINIA BEACH, VA

BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES  
 REFLECTED CEILING DEMOLITION PLAN

SCALE: AS INDICATED  
 EPROJECT NO.: 1774969  
 CONSTR. CONTR. NO. N/A  
 NAVFAC DRAWING NO. 12918778  
 SHEET 3 OF 19  
 AD102

DRAWING REVISION: 07 AUG 2018

**GRAPHIC SCALE**



FILE NAME: K:\VA\LittleCreek\Buildings\3842\2024\_1774969\_MODERNIZE\_MEDICAL\_SPACES\G\_Design\DWGS\Sheet\08\_ARCH\1774969-AD102.dwg LAYOUT: NAME: AD102 REFLECTED CEILING DEMOLITION PLAN PLOTTED: Friday, March 21, 2025 8:38am USER: scott.lchrnsdopher

UNCLASSIFIED





### FINISH SCHEDULE - BLDG 3842

ROOM NUMBER	SPACE		FLOOR		BASE		WALLS		CEILING	
	NAME	MATERIAL	NOTE	MATERIAL	NOTE	MATERIAL	NOTE	MATERIAL	NOTE	HEIGHT
201	WAITING	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
202	RECEPTION	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
203	OFFICE #1	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
204	RECORD STORAGE	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
205	OPEN OFFICE	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
206	EXAM #3	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
207	EXAM #2	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
208	EXAM #1	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
209	OPEN AREA	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)

### FINISH SCHEDULE - BLDG 3841

ROOM NUMBER	SPACE		FLOOR		BASE		WALLS		CEILING	
	NAME	MATERIAL	NOTE	MATERIAL	NOTE	MATERIAL	NOTE	MATERIAL	NOTE	HEIGHT
221	MECHANICAL (N.I.C.)	--		--		--		--		--
222	OFFICE #1	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
223	RECORD STORAGE	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
224	EXAM #1	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
225	EXAM #2	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
226	EXAM #3	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)
227	WAITING	VCT		RUBBER		GWB	1	SATC	--	9'-0"± (MATCH EXG)

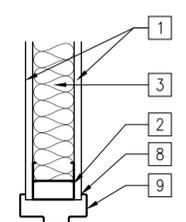
- NOTES
- PAINT ALL WALLS. COLOR TO BE SELECTED BY OWNER.
  - MATCH EXISTING.

### DOOR SCHEDULE BLDG 3842

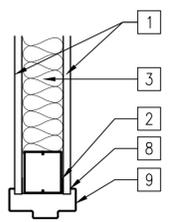
DOOR NO.	DOOR						FRAME						HRDW. SET NO.	FIRE RATING
	TYPE	MATERIAL	NOMINAL SIZE			GLASS		TYPE	MATERIAL	HEAD	JAMB	SILL		
			WIDTH	HEIGHT	THICKNESS	SIZE	TYPE							
201	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-2	--
202	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-2	--
203	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-2	--
204	A	S.C. WOOD	2'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-2	--
206	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-1	--
207	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-1	--
208	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-1	--
209	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-2	--

### DOOR SCHEDULE BLDG 3841

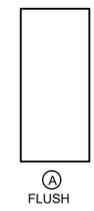
DOOR NO.	DOOR						FRAME						HRDW. SET NO.	FIRE RATING
	TYPE	MATERIAL	NOMINAL SIZE			GLASS		TYPE	MATERIAL	HEAD	JAMB	SILL		
			WIDTH	HEIGHT	THICKNESS	SIZE	TYPE							
223	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-2	--
224	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-1	--
225	A	S.C. WOOD	3'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-1	--
226	A	S.C. WOOD	2'-0"	7'-0"	1-3/4"	--	--	1	H.M.	A1/A601	A2/A601	--	HW-1	--



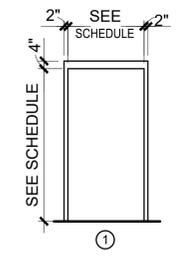
**A1 DOOR JAMB DTL**  
SCALE: 1-1/2" = 1'-0" A-601



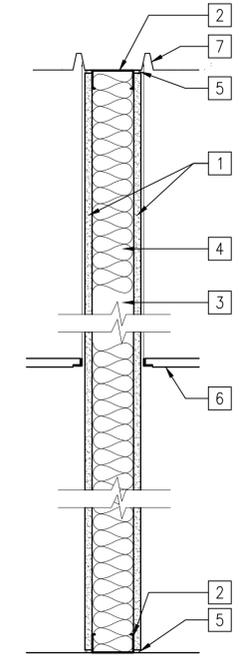
**A2 DOOR HEAD DTL**  
SCALE: 1-1/2" = 1'-0" A-601



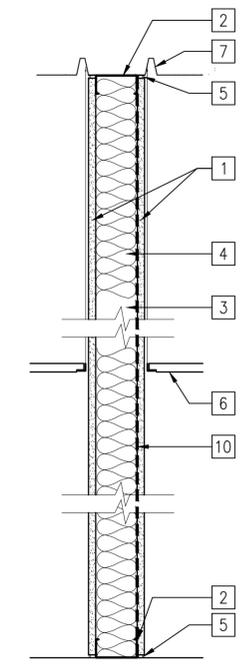
**DOOR TYPES**  
SCALE: 1/4" = 1'-0"



**FRAME TYPES**  
SCALE: 1/4" = 1'-0"



**A PARTITION TYPE A**  
SCALE: 1-1/2" = 1'-0" A-601



**B PARTITION TYPE B**  
SCALE: 1-1/2" = 1'-0" A-601

### GENERAL NOTES

- CONTRACTOR TO FIELD VERIFY ALL ± DIMENSIONS INDICATED.
- ALL DIMENSIONS OF EXISTING CONDITIONS ARE FROM FACE OF FINISH TO FACE OF FINISH.
- ALL BUILDING ELEMENTS TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PATCH / REPAIR ADJACENT SURFACES DAMAGED AS A RESULT OF THE WORK.

### DETAIL NOTES:

- 5/8" THICK TYPE 'X' GYPSUM WALL BOARD.
- 22 GA. 3-5/8" CONTINUOUS METAL CHANNEL.
- 22 GA. 3-5/8" METAL STUD @ 16" O.C.
- 3-1/2" SOUND ATTENUATING BATT INSULATION.
- CONTINUOUS ACOUSTIC SEALANT, BOTH SIDES.
- SUSPENDED ACOUSTICAL TILE CEILING. SEE FINISH SCHEDULE.
- EXISTING STRUCTURAL DECK ABOVE.
- CAULKING.
- HOLLOW METAL DOOR FRAME.
- CONTINUOUS MINIMUM 18 GA. (.038" THICKNESS), 1/2" DIAMOND, EXPANDED METAL MESH.



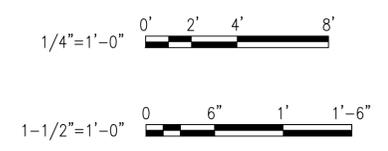
APPROVED: \_\_\_\_\_  
FOR COMMANDER NAFAC

SATISFACTORY TO DATE: 10/3/23  
DES: JGH | DRW: JGH | CHK: CL  
PM/DM: J. HOFFLER  
BRANCH MANAGER: R. SILVA  
CHIEF ENG/ARCH: ELPIDIO REYES  
FIRE PROTECTION: MICHAEL SINDALL

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND  
FED LITTLE CREEK  
JEB LITTLE CREEK - FORT STORY  
VIRGINIA BEACH, VA  
VIRGINIA BEACH, VA  
BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES  
DETAILS



### GRAPHIC SCALE



SCALE: AS INDICATED  
PROJECT NO.: 1774969  
CONSTR. CONTR. NO.: N/A  
NAFAC DRAWING NO.: 12918781  
SHEET 6 OF 19  
A-601  
DRAWING REVISION: 07 AUG 2018

FILE NAME: K:\VA\_LittleCreek\Buildings\3842\2024\_L1774969\_MODERNIZE\_MEDICAL\_SPACES\G\_Design\DWGS\Sheet\06\_ARCH\1774969-A-601.DWG  
LAYOUT NAME: A-601  
DETAILS PLOTTED: Friday, March 21, 2025 - 8:59am  
USER: scott.lchristopher

UNCLASSIFIED



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### GENERAL SHEET NOTES

1. THIS BUILDING IS TO REMAIN IN USE DURING CONSTRUCTION. COORDINATE CONSTRUCTION ACTIVITY WITH BUILDING OCCUPANT'S ONGOING OPERATIONS.
2. EQUIPMENT AND DEVICE LOCATIONS ARE APPROXIMATE. FIELD VERIFY EXACT LOCATIONS.
3. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.

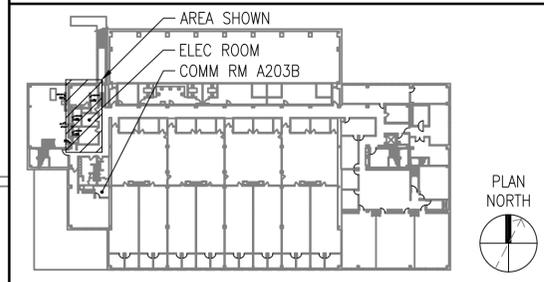
### DEMOLITION KEYNOTES

1. EXISTING C.W. AND H.W. RUN IN FIRST FLOOR CEILING.
2. REMOVE WALL MOUNTED SINK, FAUCET, PIPING, STOPS, AND ASSOCIATED APPURTENANCES.
3. EXISTING 2" SANITARY VENT PIPING UP IN WALL FROM ABOVE FIRST FLOOR CEILING AND UP THROUGH ROOF.
4. REMOVE COLD AND HOT WATER PIPING TO POINTS INDICATED IN FIRST FLOOR CEILING, REMOVE SUPPORTS AND ASSOCIATED APPURTENANCES.
5. REMOVE SANITARY AND VENT PIPING TO POINTS INDICATED IN FIRST FLOOR CEILING, REMOVE SUPPORTS AND ASSOCIATED APPURTENANCES.
6. REMOVE COUNTER MOUNTED SINK, FAUCET, PIPING, STOPS, AND ASSOCIATED APPURTENANCES.

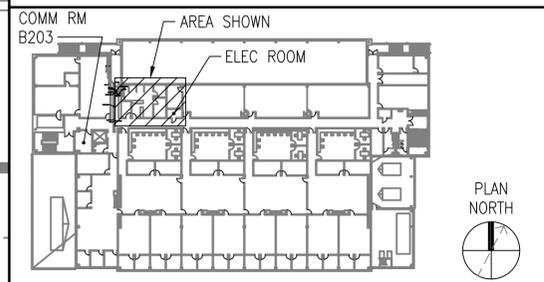


APPROVED	DATE
FIR COMMANDER NAVFAC	10/3/23
ACTIVITY	
SATISFACTORY TO	DATE
DES XXX	DRW XXX
CHK XXX	
FM/DM	J HOFFLER
BRANCH MANAGER	XXX
CHIEF ENG/ARCH	ELPIDIO REYES
FIRE PROTECTION	MICHAEL SINDALL

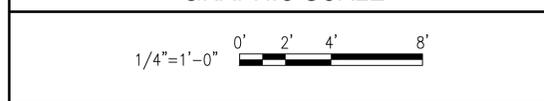
### KEYPLAN 3841



### KEYPLAN 3842

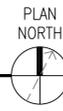


### GRAPHIC SCALE



### BLDG 3841 2nd FLOOR PLAN - DEMOLITION

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



### BLDG 3842 2nd FLOOR PLAN - DEMOLITION

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



FILE NAME: K:\VA\LittleCreek\Buildings\3842\2024\_1774969\_MODERNIZE\_MEDICAL\_SPACES\2\_Design\DWGS\Sheet\1\_FLB6\3841\_1774969-PD101.dwg LAYOUT NAME: PD101 PARTIAL SECOND FLOOR PLANS - DEMOLITION PLOTTED: Friday, March 21, 2025 - 8:59am USER: scott.christopher

UNCLASSIFIED

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### GENERAL SHEET NOTES

1. THIS BUILDING IS TO REMAIN IN USE DURING CONSTRUCTION. COORDINATE CONSTRUCTION ACTIVITY WITH BUILDING OCCUPANT'S ONGOING OPERATIONS.
2. EQUIPMENT AND DEVICE LOCATIONS ARE APPROXIMATE. FIELD VERIFY EXACT LOCATIONS.
3. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
4. REFER TO SHEET P-001 FOR PLUMBING FIXTURE SCHEDULE.

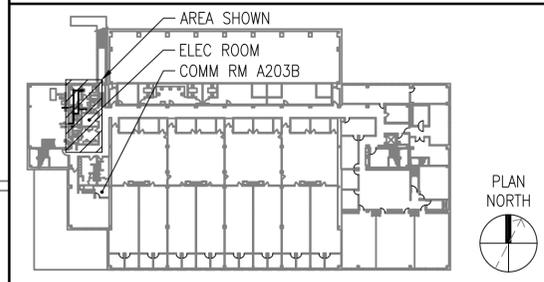
### NEW WORK KEYNOTES

1. CONNECT 3/4" HW AND CW TO EXISTING HW AND CW IN FIRST FLOOR CEILING.
2. PROVIDE WATER STOP AND DRAIN PIPING FOR NEW WALL MOUNTED SINK. CONNECT TO EXISTING PIPING.
3. PROVIDE 1 1/2" SANITARY VENT FROM NEW 2" SANITARY THROUGH ROOF. FIELD COORDINATE EXACT ROUTING OF SANITARY VENT PIPING AND ALL OTHER REQUIREMENTS PRIOR TO INSTALLATION.
4. ROUTE 1/2" CW, 3/4" HW AND 1 1/4" SAN PIPES UP IN THE WALL FROM BELOW FLOOR TO SINK ON SECOND FLOOR.
5. CONNECT 3/4" HW, 3/4" CW AND 1 1/2" SAN TO EXISTING PIPES IN FIRST FLOOR CEILING.
6. CONNECT 2" SANITARY VENT TO EXISTING VENT PIPE IN SECOND FLOOR CEILING.

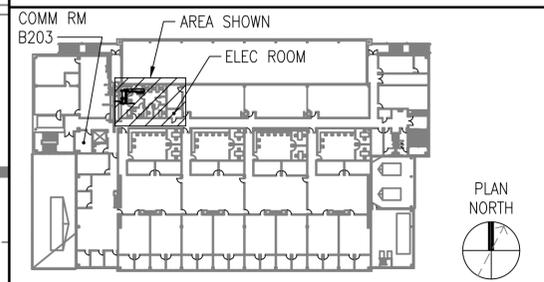


APPROVED	DATE
FOR COMMANDER NAVFAC	10/3/23
ACTIVITY	DES XXX   DRW XXX   CHK XXX
	PM/DM J HOFFLER
	BRANCH MANAGER XXX
	CHIEF ENG/ARCH ELPIDIO REYES
	FIRE PROTECTION MICHAEL SINDALL

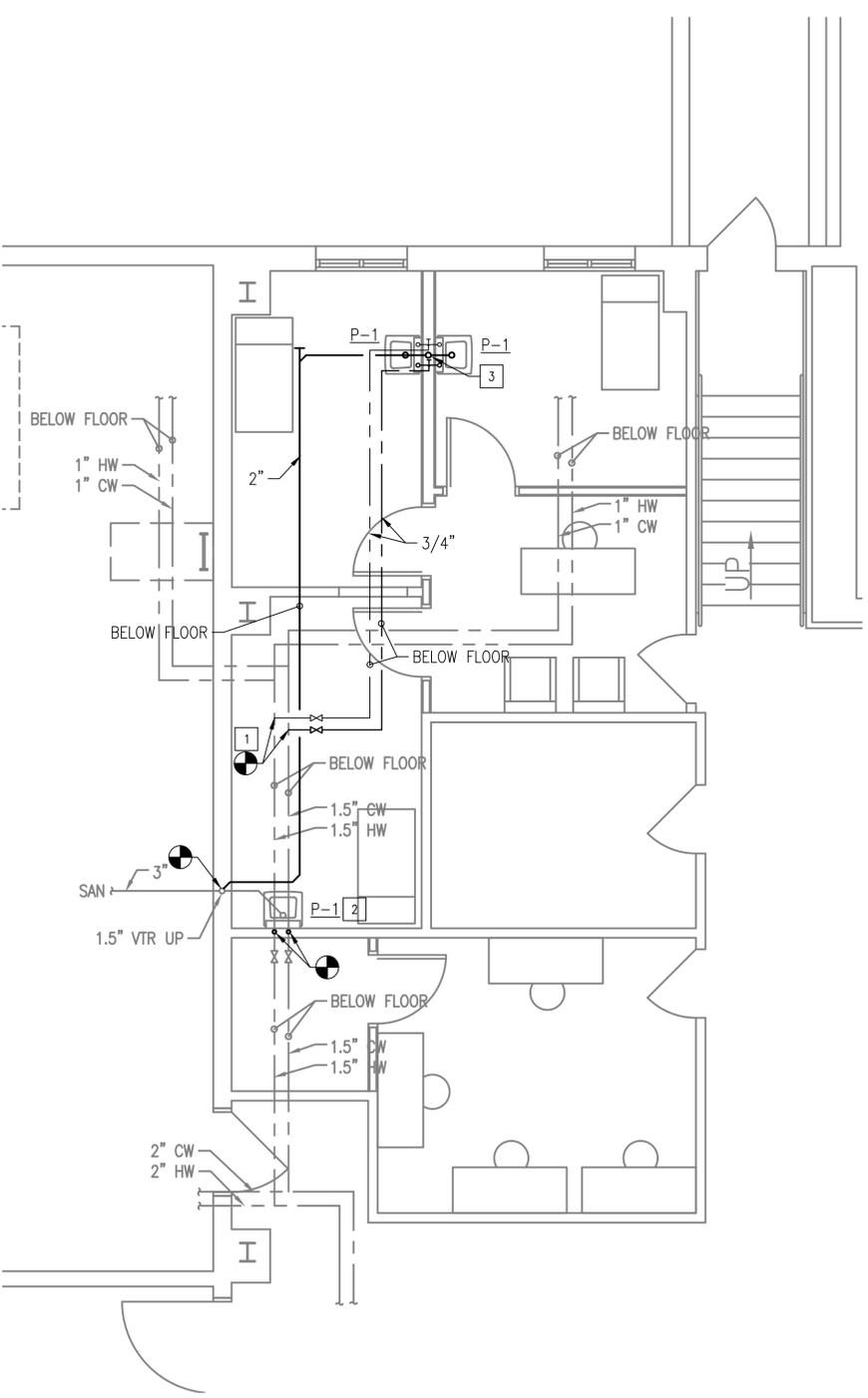
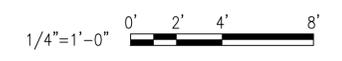
### KEYPLAN 3841



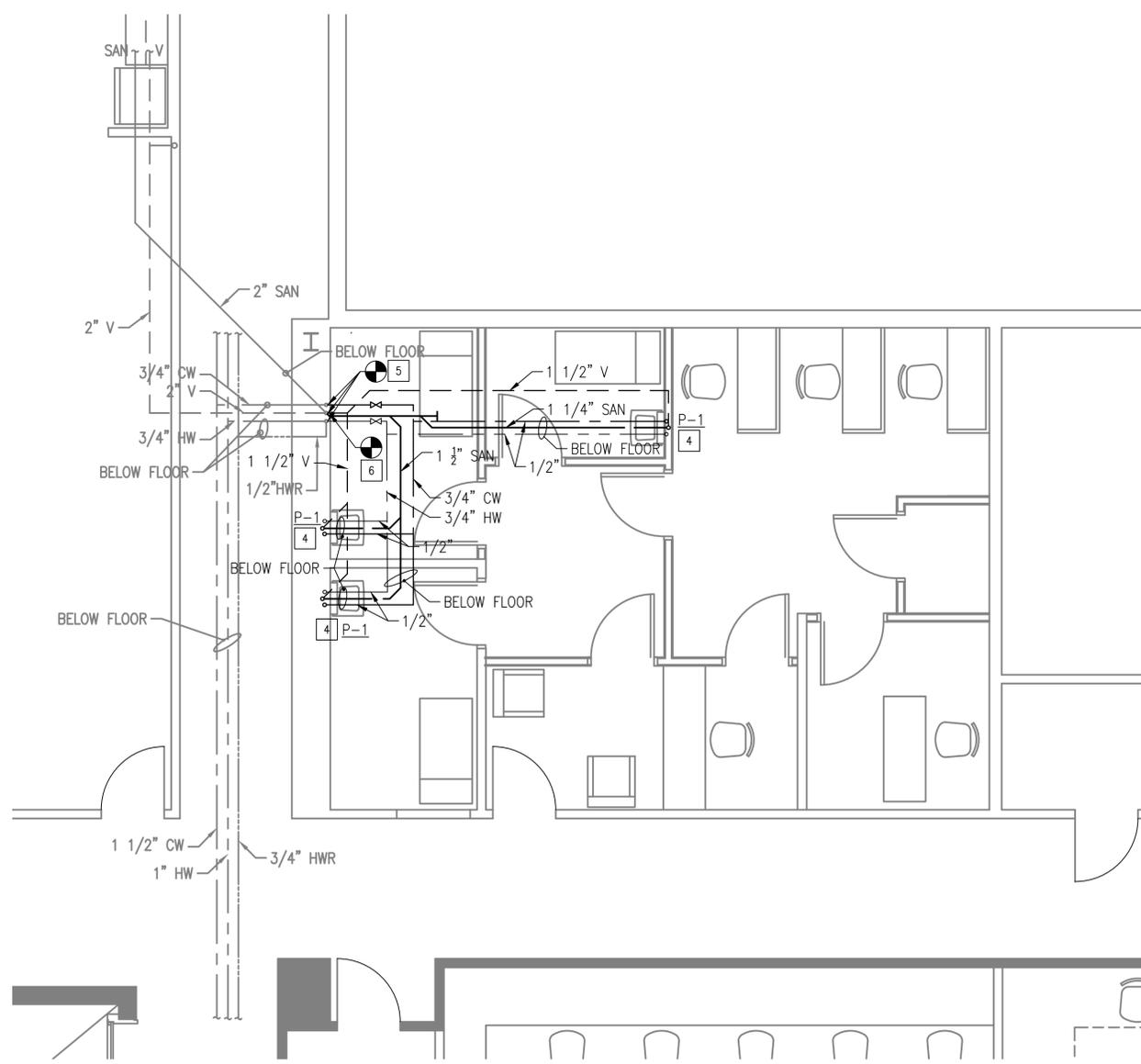
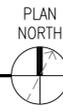
### KEYPLAN 3842



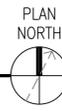
### GRAPHIC SCALE



**BLDG 3841 2nd FLOOR PLAN - PLUMBING**  
SCALE: 1/4" = 1'-0"



**BLDG 3842 2nd FLOOR PLAN - PLUMBING**  
SCALE: 1/4" = 1'-0"



SEAL	A/E INFO

DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND	VIRGINIA BEACH, VA
FEAD LITTLE CREEK	NAVAL FACILITIES ENGINEERING COMMAND	VIRGINIA BEACH, VA
JEB LITTLE CREEK - FORT STORY	BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES	PARTIAL FLOOR PLANS - PLUMBING
SCALE:	AS NOTED	
PROJECT NO.:	1774969	
CONSTR. CONTR. NO.:	N/A	
NAVFAC DRAWING NO.:	12918784	
SHEET:	9 OF 19	
<b>P-101</b>		

FILE NAME: K:\VA\LittleCreek\Buildings\3842\2024\1774969\_MODERNIZE\_MEDICAL\_SPACES\B\_Design\DWGS\Sheet\1\_FLB6\3841\_FLB6.dwg  
LAYOUT NAME: P-101 PARTIAL FLOOR PLANS - PLUMBING  
PLOTTED: Friday, March 21, 2025 - 8:59am  
USER: scott.l.cristopher

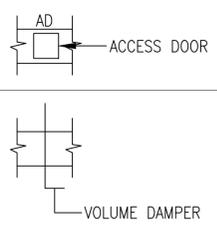
MECHANICAL LEGEND

MECHANICAL PIPING LEGEND

MECHANICAL ABBREVIATIONS

GENERAL MECHANICAL NOTES

- TEMPERATURE SENSOR
- HUMIDITY SENSOR
- OVERRIDE TIMER
- EMERGENCY SHUTDOWN SWITCH
- AIR TERMINAL TAG WITH AIR FLOW (CFM)
- 12x10 OR 12/10 RECTANGULAR DUCT DIMENSIONS (INCHES)
- 12"ø ROUND DUCT DIMENSION
- FLEXIBLE ROUND DUCT
- DOWNWARD DIRECTION OF SLOPED PIPING
- SUPPLY DUCT, SUPPLY DUCT DOWN/UP
- RETURN DUCT, RETURN DUCT DOWN/UP
- GATE VALVE
- GLOBE VALVE
- BUTTERFLY VALVE
- MANUAL FLOW CONTROL BALANCING VALVE
- CHECK VALVE
- AUTOMATIC FLOW BALANCING VALVE
- PRESSURE REDUCING VALVE
- SQUARE HEAD BALANCING COCK
- DRAIN VALVE WITH HOSE CONNECTION
- 2-WAY CONTROL VALVE
- 3-WAY CONTROL VALVE
- RELIEF VALVE
- BACKFLOW PREVENTER
- MANUAL AIR VENT
- VACUUM BREAKER
- STEAM TRAP
- WYE STRAINER
- VALVE IN VERT. PIPING
- SPRINKLER HEAD
- STRAINER W/ BLOWDOWN VALVE
- CLEAN OUT
- ECCENTRIC REDUCER
- PIPE REDUCER
- UNION
- THERMOMETER IN PIPE WELL
- PRESSURE GAUGE W/ SHUTOFF COCK
- PIPE CAP
- FLANGE
- FLEXIBLE PIPE CONNECTOR
- THIN LINE WEIGHT INDICATES EXISTING ITEM TO REMAIN
- HEAVY LINE WEIGHT INDICATES NEW WORK TO BE PROVIDED
- HEAVY DASHED LINE WEIGHT INDICATES EXISTING ITEM TO REMOVE, REFER TO DEMOLITION NOTES.
- DEMOLITION WORK NOTE
- NEW WORK NOTE



--- NAME ---	PIPING TO BE REMOVED
---CHR---	CHILLED WATER RETURN PIPING
---CHS---	CHILLED WATER SUPPLY PIPING
---D---	CONDENSATE DRAIN PIPING
---DCW---	DOMESTIC COLD WATER PIPING
---HG---	HOT GAS BYPASS PIPING
---HWR---	HOT WATER RETURN PIPING
---HWS---	HOT WATER SUPPLY PIPING
---RL---	REFRIGERANT LIQUID PIPING
---RS---	REFRIGERANT SUCTION PIPING
---LPS---	LOW PRESSURE STEAM
---LPC---	LOW PRESSURE CONDENSATE

AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
AHU	AIR HANDLING UNIT
BD	BALANCING DAMPER
BR	BASEBOARD RADIATOR
BTUH	BRITISH THERMAL UNIT PER HOUR
C	COMMON
Cv	LOSS COEFFICIENT
CU	CONDENSING UNIT
CW	CHILLED WATER
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CND	CONDENSER
COP	COEFFICIENT OF PERFORMANCE
CRAHU	COMPUTER ROOM AIR HANDLING UNIT
DB	DRY BULB
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREE
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
ECM	ELECTRONIC CONTROL MODULE
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EFF	EFFICIENCY
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXST	EXISTING
F	FAHRENHEIT
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FT	FEET
FTWG	FEET OF WATER GAUGE
GPM	GALLONS PER MINUTE
HGT	HEIGHT
HP	HEAT PUMP, HORSEPOWER
HR	HOUR
HW	HOT WATER
HX	HEAT EXCHANGER
IAW	INCHES OF WATER GAUGE
IWG	IN ACCORDANCE WITH
kw	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LV	LOUVER
LWT	LEAVING WATER TEMPERATURE
MAU	MAKEUP AIR UNIT
MAX	MAXIMUM
MIN	MINIMUM
NC	NOISE CRITERIA, NORMALLY CLOSED
NO	NUMBER, NORMALLY OPEN
OA	OUTSIDE AIR
OAU	OUTSIDE AIR UNIT
OU	OUTDOOR UNIT
PH	PHASE
PRS	PRESSURE REDUCING STATION
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
RTU	ROOFTOP UNIT
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SIM	SIMILAR
SP	STATIC PRESSURE
SQ	SQUARE
TYP	TYPICAL
UH	UNIT HEATER
UOI	UNLESS OTHERWISE INDICATED
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WIDTH
WB	WET BULB
WPD	WATER PRESSURE DROP
.	DEGREES
ø	DIAMETER

- THESE GENERAL MECHANICAL NOTES APPLY TO ALL MECHANICAL DRAWINGS IN THIS SET. SHEET SPECIFIC NOTES ARE INDICATED ON EACH SHEET UNDER GENERAL SHEET NOTES.
- PATCH ALL HOLES FROM REMOVAL OF PIPING, DUCTWORK, OR EQUIPMENT TO MATCH ADJACENT CONSTRUCTION.
- 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.
- INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, THIS CONTRACT'S DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
- PROVIDE VIBRATION ISOLATORS FOR ALL MECHANICAL EQUIPMENT TO PREVENT TRANSMISSION OF VIBRATION TO BUILDING STRUCTURE.
- PROVIDE ACCESS PANELS IN WALLS AND CEILINGS, WHERE REQUIRED, TO SERVE FIRE DAMPERS, VALVES, SMOKE DETECTORS, AND OTHER CONCEALED MECHANICAL EQUIPMENT THAT REQUIRES ROUTINE MAINTENANCE. ACCESS PANELS SHALL BE LARGE ENOUGH TO ALLOW PROPER CLEARANCE FOR ACCESS DOORS.
- ALL OPENINGS IN FIRE WALLS DUE TO DUCTWORK, PIPING, CONDUIT, ETC., SHALL BE FIRE STOPPED.
- EXISTING DUCT AND PIPING SIZES INDICATED ARE APPROXIMATE. FIELD VERIFY ALL DIMENSIONS.
- LOCATE ALL NEW HORIZONTAL DUCTWORK ABOVE THE SUSPENDED CEILINGS UNLESS OTHERWISE INDICATED.
- ALL 90 DEGREE RECTANGULAR MITERED DUCT ELBOWS IN THE SUPPLY DUCTS SHALL HAVE TURNING VANES.
- PROVIDE PIPE SLEEVES FOR ALL PIPING PENETRATIONS THRU WALLS AND FLOORS. EACH PIPE SHALL BE SEPARATELY SLEEVED. PROVIDE CONTINUOUS SEALANT JOINT AROUND PIPE SLEEVE, BOTH SIDES OF WALL, WATERTIGHT.
- PROVIDE P-TRAPS IN CONDENSATE DRAIN PIPING AT EACH AHU UNLESS THE AHU IS EQUIPPED WITH AN INTERNAL TRAP.
- MOUNT THERMOSTATS 48 INCHES ABOVE THE FINISHED FLOOR UNLESS OTHERWISE INDICATED. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF LIGHT SWITCHES AND COORDINATE.
- AFTER THE PIPING IS INSULATED, PROVIDE SETON BRAND OR EQUAL FACTORY-FABRICATED PIPE LABELS WITH DIRECTION OF FLOW. PROVIDE AT 10 FOOT INTERVALS ON PIPING MAINS AND 5 FOOT INTERVALS ON THE BRANCH RUNOUTS FROM MAINS. PROVIDE ON THE FOLLOWING PIPING SYSTEM:  
  
HEATING HOT WATER  
CHILLED WATER  
CONDENSATE DRAIN



APPROVED

FOR COMMANDER NAFAC

ACTIVITY

SATISFACTORY TO DATE 10/3/23

DES XXX | DRW XXX | CHK XXX

PM/DM J HOFFLER

BRANCH MANAGER XXX

CHIEF ENG/ARCH ELPIDIO REYES

FIRE PROTECTION MICHAEL SINDALL

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND

FED LITTLE CREEK VIRGINIA BEACH, VA

FED LITTLE CREEK - FORT STORY VIRGINIA BEACH, VA

BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES

MECHANICAL LEGENDS, NOTES AND ABBREVIATIONS

SCALE: AS NOTED

PROJECT NO.: 1774969

CONSTR. CONTR. NO. N/A

NAFAC DRAWING NO. 12918785

SHEET 10 OF 19

M-001

DRAWING REVISION: 07 AUG 2018

FILE NAME: K:\VA\_LittleCreek\Buildings\3842\2024\1774969\_MODERNIZE\_MEDICAL\_SPACES\G\_Design\DWGS\Sheet\2\_MECA\3841\_3842-1774969-M-001.dwg LAYOUT NAME: M-001 MECHANICAL LEGENDS NOTES AND ABBREVIATIONS PLOTTED: Friday, March 21, 2025 - 8:58am USER: scott.lchristopher

UNCLASSIFIED

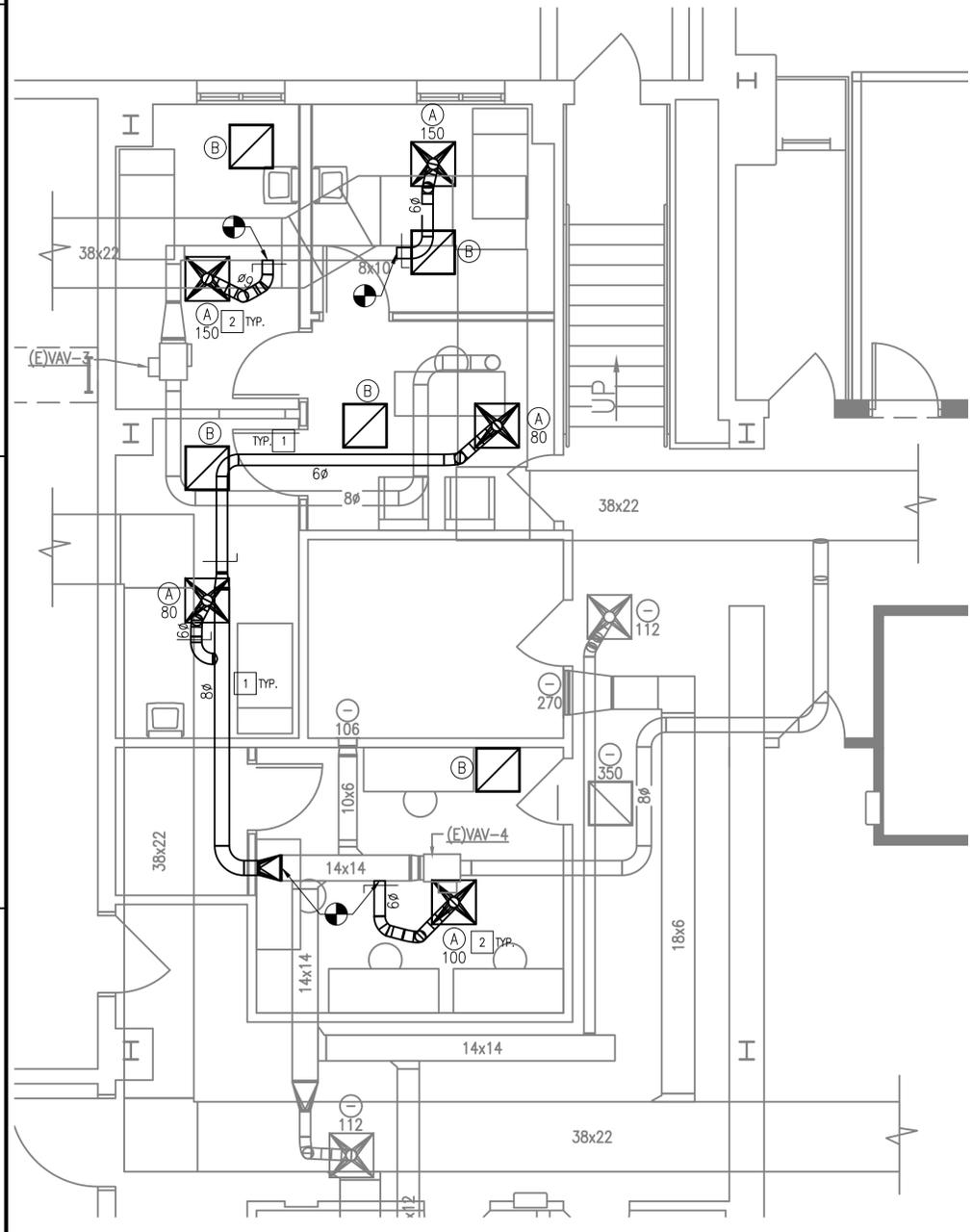


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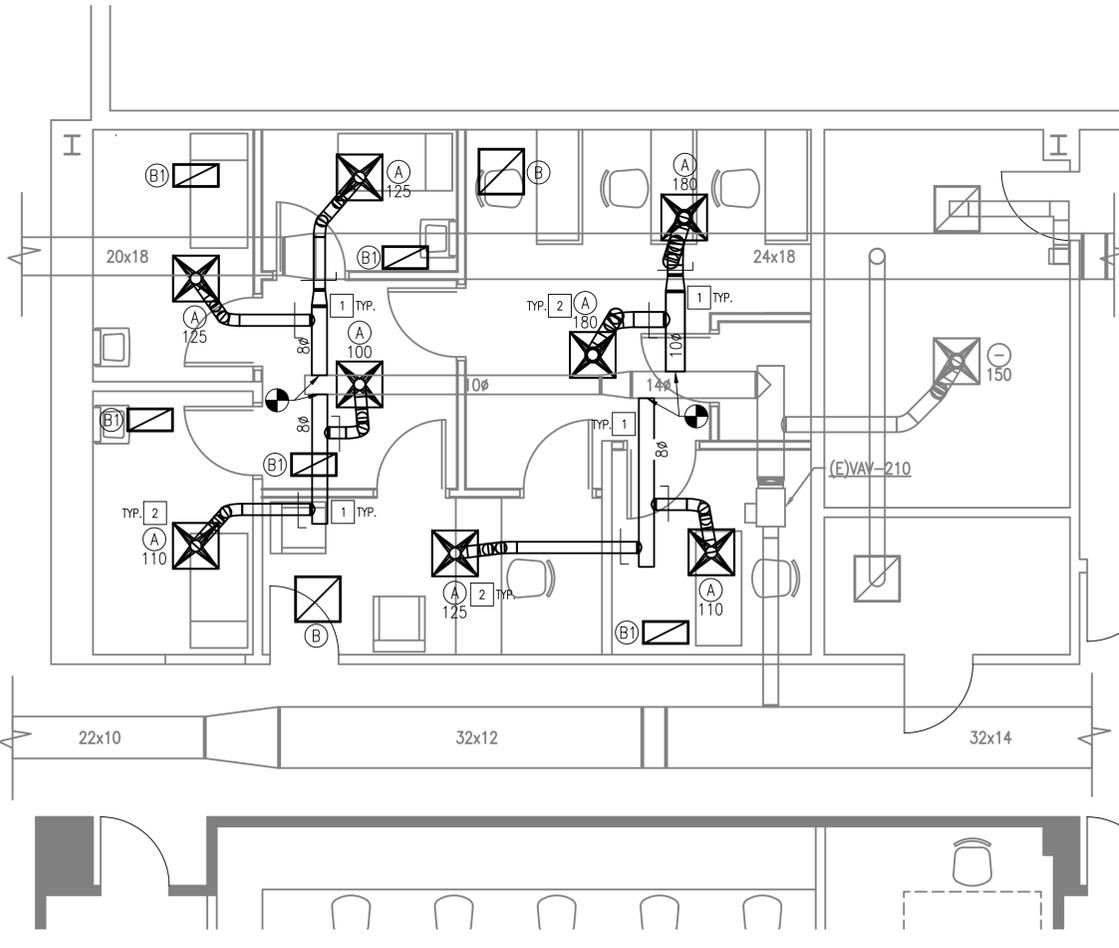
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**BLDG 3841 2nd FLOOR PLAN - MECHANICAL**  
 SCALE: 1/4" = 1'-0"



**BLDG 3842 2nd FLOOR PLAN - MECHANICAL**  
 SCALE: 1/4" = 1'-0"



**GENERAL SHEET NOTES**

1. THIS BUILDING IS TO REMAIN IN USE DURING CONSTRUCTION. COORDINATE CONSTRUCTION ACTIVITY WITH BUILDING OCCUPANT'S ONGOING OPERATIONS.
2. EQUIPMENT AND DEVICE LOCATIONS ARE APPROXIMATE. FIELD VERIFY EXACT LOCATIONS.
3. SEE SHEET M-001 FOR LEGEND, ABBREVIATION AND GENERAL NOTES.

**NEW WORK KEYNOTES**

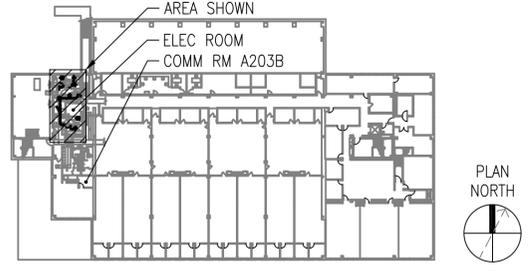
1. PROVIDE DUCTWORK SIZED AS INDICATED. REFER TO DUCT TRANSITION AND TAKE-OFF DETAILS A5 & C5/M-501.
2. PROVIDE GRILLES, REGISTERS, AND DIFFUSERS AS SHOWN AND SCHEDULED, BALANCE TO INDICATED CFM'S. REFER TO DETAILS A2/M-501.

NO.	DATE	DESCRIPTION	BY	CHK	APPR

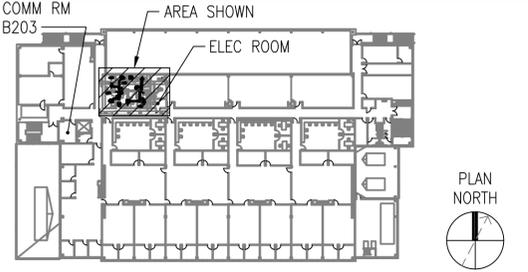


APPROVED	A/E INFO
FIR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO	DATE 10/3/23
DES XXX	DRW XXX
CHK XXX	
PM/DM	J HOFFLER
BRANCH MANAGER	XXX
CHIEF ENG/ARCH	ELPIDIO REYES
FIRE PROTECTION	MICHAEL SINDALL

**KEYPLAN 3841**



**KEYPLAN 3842**



**GRAPHIC SCALE**



DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 VIRGINIA BEACH, VA  
 JEB LITTLE CREEK - FORT STORY  
 BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES  
 PARTIAL FLOOR PLANS - MECHANICAL  
 SCALE: AS NOTED  
 PROJECT NO.: 1774969  
 CONSTR. CONTR. NO. N/A  
 NAVFAC DRAWING NO. 12918787  
 SHEET 12 OF 19  
**M-101**  
 DRAWING REVISION: 07 AUG 2018

FILE NAME: K:\VA\LittleCreek\Buildings\3842\2024\_1774969\_MODERNIZE\_MEDICAL\_SPACES\Design\DWGS\Sheet\2\_MEA\3841\_3842-1774969-M-101.dwg LAYOUT NAME: M-101 PARTIAL FLOOR PLANS - MECHANICAL PLOTTED: Friday, March 21, 2025 - 8:59am USER: scott.christopher

UNCLASSIFIED





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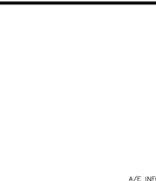
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### GENERAL SHEET NOTES

1. THIS BUILDING IS TO REMAIN IN USE DURING CONSTRUCTION. COORDINATE CONSTRUCTION ACTIVITY WITH BUILDING OCCUPANT'S ONGOING OPERATIONS.
2. EQUIPMENT AND DEVICE LOCATIONS ARE APPROXIMATE. FIELD VERIFY EXACT LOCATIONS.
3. EXISTING ELECTRICAL EQUIPMENT AND DEVICES NOT INDICATED ON PLANS SHALL REMAIN CONNECTED FOR CONTINUED USE.
4. PATCH AND SEAL PENETRATIONS AND PAINT TO MATCH SURROUNDING SURFACE.
5. UTILIZE EXISTING SPACE IN NIPR AND SIPR PATCH PANELS IN EXISTING COMM ROOMS, REFER TO KEYPLAN FOR LOCATIONS.
6. ESS HEAD-END PANEL IS LOCATED ON FIRST FLOOR IN ROOM B106 FOR BLDG 3841 AND ROOM C203 FOR BLDG 3842.

### DEMOLITION KEYNOTES

1. DEMOLISH LUMINAIRES AND ASSOCIATED CONTROL DEVICES, SENSORS, CONDUIT AND WIRING COMPLETE. RETAIN EXISTING BRANCH CIRCUITS FROM PANEL PC FOR REUSE.
2. DEMOLISH LUMINAIRES AND ASSOCIATED CONTROL DEVICES, SENSORS, CONDUIT AND WIRING COMPLETE. RETAIN EXISTING BRANCH CIRCUITS FROM PANEL PD FOR REUSE.
3. EXISTING LEVEL ESS PANEL TO REMAIN
4. DEMOLISH ESS DEVICES, REPROGRAM SYSTEM AS REQUIRED
5. EXISTING NIPR/SIPR RACKS LOCATED IN COMM ROOM A203B, REFER TO KEYPLAN
6. EXISTING NIPR/SIPR RACKS LOCATED IN COMM ROOM B203, REFER TO KEYPLAN



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE 10/3/23

DES SLC DRW SLC CHK CL

PM/DM J. HOFFLER

BRANCH MANAGER C. LONEY, PE

CHIEF ENG/ARCH ELPIDIO REYES

FIRE PROTECTION MICHAEL SINDALL

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND

FEAD LITTLE CREEK

JEB LITTLE CREEK - FORT STORY

BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES

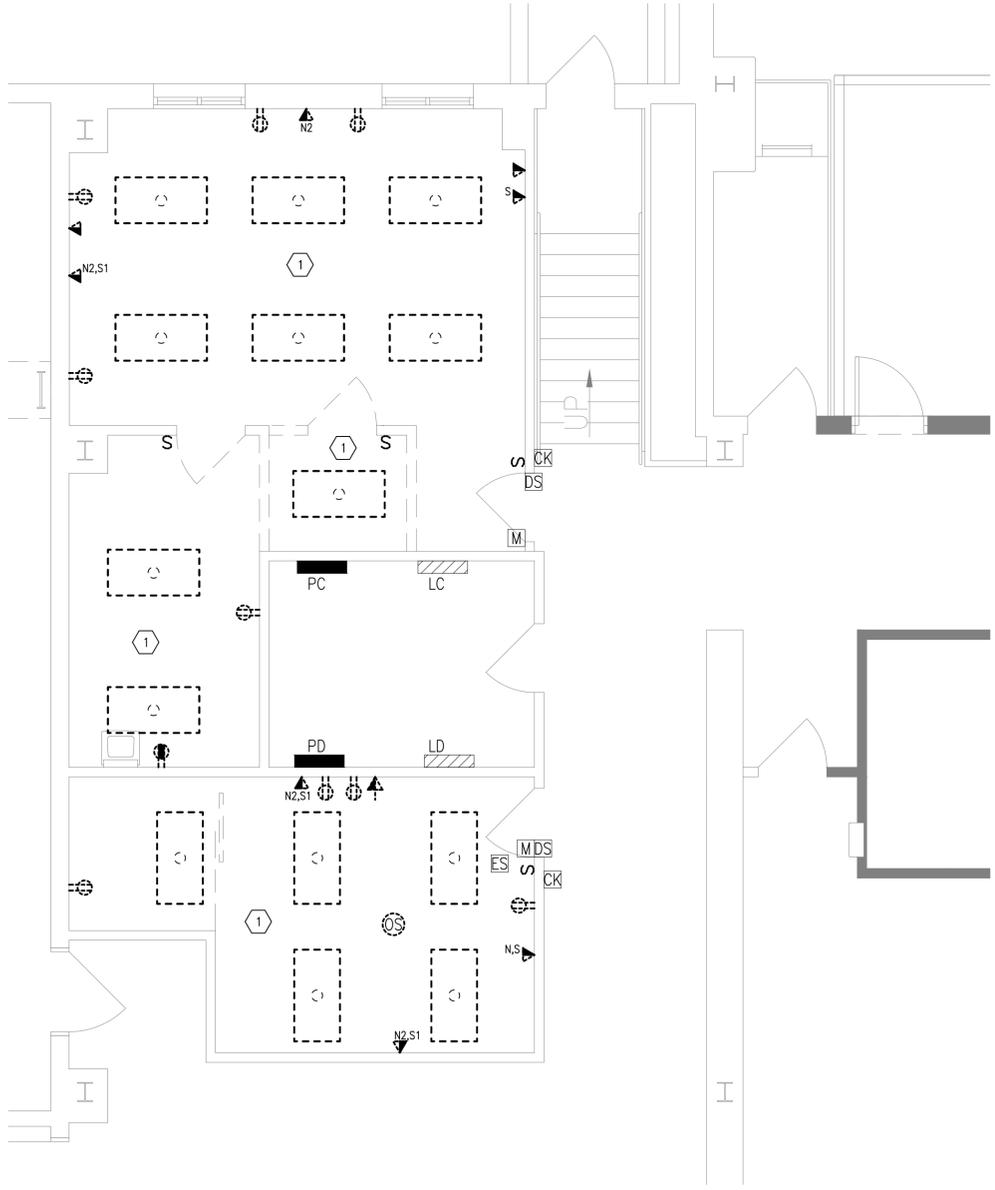
PARTIAL SECOND FLOOR PLANS - DEMOLITION

ED101

NAVFAC DRAWING NO. 12918790

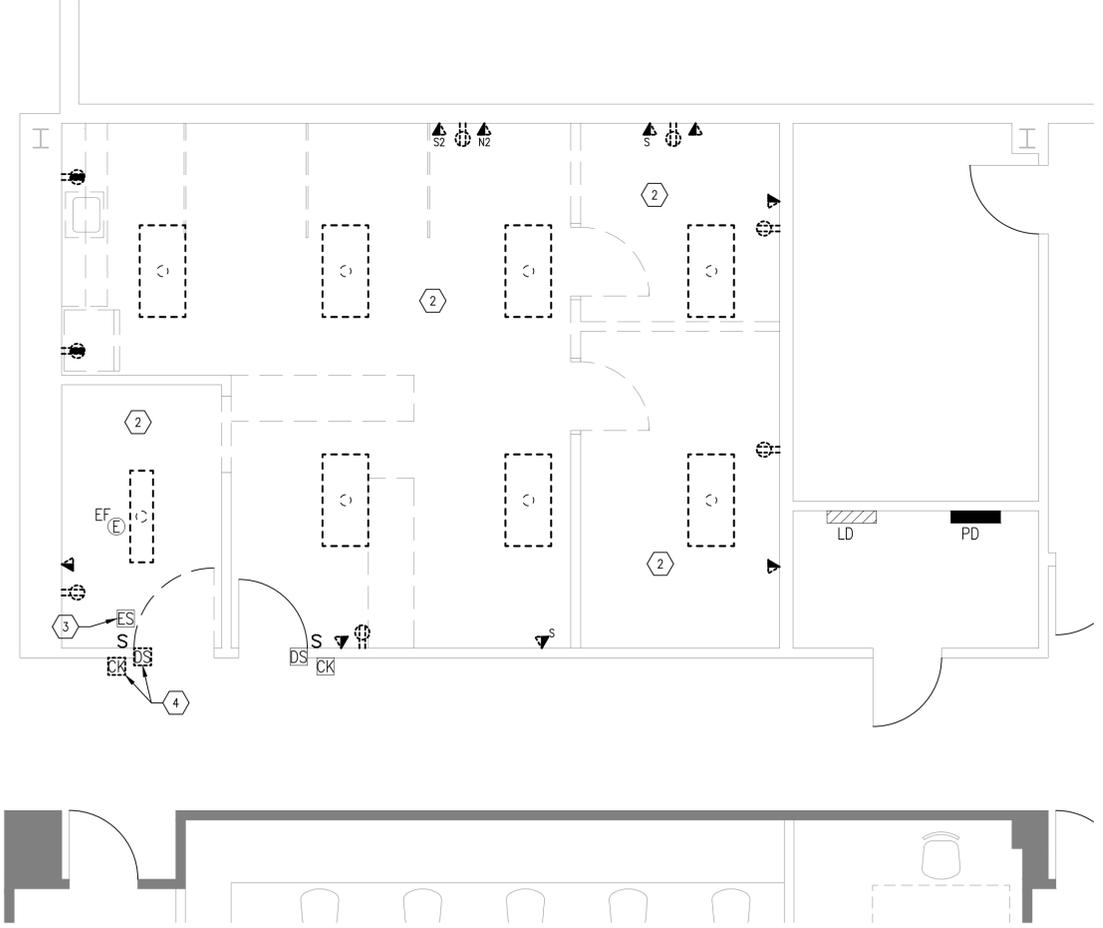
SHEET 15 OF 19

DRAWN/REVISED: 07 AUG 2018



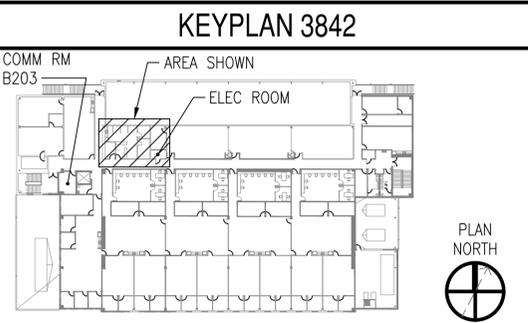
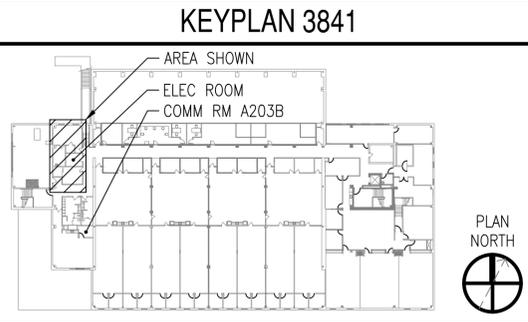
#### BLDG 3841 2nd FLOOR PLAN - DEMOLITION

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



#### BLDG 3842 2nd FLOOR PLAN - DEMOLITION

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



### GRAPHIC SCALE



FILE NAME: K:\VA\LittleCreek\Buildings\3842\2024\1774969\_MODERNIZE\_MEDICAL\_SPACES\Design\WMS\Sheet\13\_ELEC\3841\_3842-1774969-ED101.dwg LAYOUT NAME: ED101 PARTIAL SECOND FLOOR PLANS - DEMOLITION PLOTTED: Friday, March 21, 2025 - 8:59am USER: scott.christopher

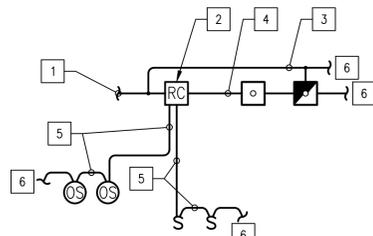
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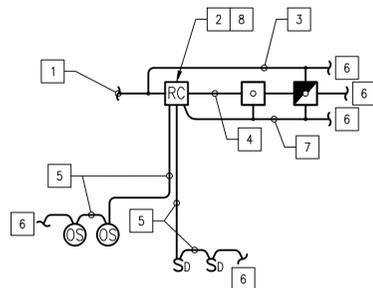


### CONTROL DIAGRAM NOTES

1. INTERCEPT AND EXTEND EXISTING UNSWITCHED LIGHTING CIRCUIT IN ROOM TO NEW LUMINAIRES AND CONTROLS IN ROOM
2. ROOM CONTROLLER, COORDINATE REQUIREMENTS WITH LIGHTING CONTROL TABLE AND PLANS ON SHEET E-101
3. EXTEND UNSWITCHED CIRCUIT TO EMERGENCY BATTERY PACKS
4. SWITCH LEG FROM ROOM CONTROLLER TO LUMINAIRES
5. SENSOR AND SWITCH DEVICE CONTROL WIRING PER MANUFACTURER'S RECOMMENDATIONS
6. TO ADDITIONAL LUMINAIRES AND CONTROLS, REFER TO PLANS ON SHEET E-101 FOR EACH ROOM
7. 0-10V DIMMING CONTROL WIRING PER MANUFACTURER'S RECOMMENDATIONS
8. PROVIDE MULTIPLE ROOM CONTROLLERS OR RELAY CONTACTS FOR ROOMS WITH MULTIZONE CONTROL REQUIREMENTS, REFER TO PLANS ON SHEET E-101



NON-DIMMING CONTROL DIAGRAM

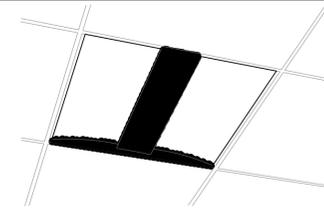


DIMMING CONTROL DIAGRAM

GENERAL NOTE:  
THIS IS A SIMPLIFIED ONE-LINE DIAGRAM SHOWING THE BASIC INTERCONNECTION OF LUMINAIRES AND CONTROL DEVICES. COORDINATE ACTUAL WIRING AND CONNECTIONS WITH MANUFACTURER'S RECOMMENDATIONS

### SIMPLIFIED LIGHTING CONTROL DIAGRAMS

SCALE: NONE



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

#### LUMINAIRE REQUIREMENTS:

1. HOUSING - HEAVY GAUGE COLD ROLLED STEEL OR DIE CAST ALUMINUM. SIZE SHOWN AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS - FROSTED ACRYLIC OR POLYCARBONATE LENS WITH DIE FORMED COLD ROLLED SHEET STEEL REFLECTORS.
3. LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 100 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION - UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING - RECESSED IN HARD OR ACOUSTICAL TILE CEILING.
7. OPTIONS - EMERGENCY BATTERY BACK-UP, INTEGRAL OCCUPANCY/VACANCY SENSOR, VARIOUS SIZE AND OUTPUT OPTIONS, SURFACE-MOUNTING KIT.

### DIRECT/INDIRECT LED LUMINAIRE

REVISED: NOVEMBER 2020 LIGHTING PLATE: NL-1



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

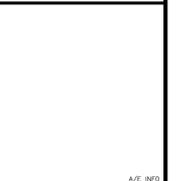
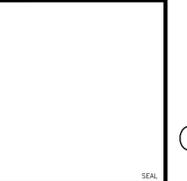
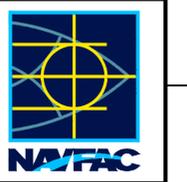
#### LUMINAIRE REQUIREMENTS:

1. HOUSING - DIE-CAST ALUMINUM OR HIGH-IMPACT, UV-STABILIZED, INJECTION-MOLDED THERMOPLASTIC.
2. LIGHT SOURCE - SOLID STATE LEDS.
3. DRIVER - INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120/277V, THERMAL MANAGEMENT, AND < 20% THD.
4. CERTIFICATION - NFPA 101, UL LISTED FOR DAMP OR WET LOCATION, AND ROHS COMPLIANT.
5. MOUNTING - SURFACE MOUNTED ON CEILING AND/OR WALL.
6. OPTIONS - RED OR GREEN LETTERING, ONE- OR TWO-SIDED. ELU REMOTE HEAD CAPABILITIES. BATTERY BACKUP.

### EXIT SIGN

REVISED: NOVEMBER 2020 LIGHTING PLATE: NL-28

DATE	
APPR	
DESCRIPTION	
SW	



APPROVED FOR COMMANDER NAVFAC

ACTIVITY		
SATISFACTORY TO	DATE	
DES SLC	DRW SLC	CHK CL
PM/DM	J. HOFFLER	
BRANCH MANAGER	C. LONEY, PE	
CHIEF ENG/ARCH	ELPIDIO REYES	
FIRE PROTECTION	MICHAEL SINDALL	

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND  
VIRGINIA BEACH, VA  
JEB LITTLE CREEK - FORT STORY  
VIRGINIA BEACH, VA  
BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES  
DIAGRAMS AND DETAILS

SCALE:	AS NOTED
PROJECT NO.:	1774969
CONSTR. CONTR. NO.	N/A
NAVFAC DRAWING NO.	12918793
SHEET	18 OF 19
E-501	

FILE NAME: K:\VA\LittleCreek\Buildings\3842\2024\_1774969\_MODERNIZE\_MEDICAL\_SPACES\G\_Design\DWGS\Sheet\13\_ELEC\ES841\_3842-1774969-E-501.dwg LAYOUT NAME: E-501 DIAGRAMS AND DETAILS PLOTTED: Friday, March 21, 2025 8:59am USER: scott.l.christopher

# EXISTING PANEL LC (B3841) SCHEDULE

150 AMP BUS 150 AMP MCB 208Y/120 VOLTS 3PH, 4W, 60 HZ MIN. 10 KAIC SURFACE MOUNTED

CKT. NO.	LOAD DESCRIPTION	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	WIRE SIZE	LOAD DESCRIPTION	CKT. NO.
1	RCPT A205-207 MED EXAM RCPT 224, 225, 226	12	20	4.5	0.5	A			20		COPIER A215	2
3	RCPT A200, 204-207 MED EXAM QUAD 224, 225, 226	12	20	9.0	1.1	B			20		EF-1 CONTROL	4
5	RCPT A206, 208, 209, EF-5		20			C			20		SEC DDC PANEL A202	6
7	RCPT A203		20			A			20		RCPT A202	8
9	RCPT A203		20			B			20		EF-5 FEMALE LOCKER	10
11	RCPT A203		20			C			20		RCPT A204	12
13	RH-1, 2, 3 C100		20			A			20		UH-4 A202	14
15	FIRE FORCE 6		20			B			20		HEAT TAPE ROOF CHILLER	16
17	SHREDDER A215		20			C			20		RCPT A218, 217, 226, 227	18
19	SHREDDER A225		20			A			20		RCPT A215-217, 225-227	20
21	EF FANS B200, 204		20			B			20		COUNTER RCPT A215	22
23	RCPT A227, 231, 233		20			C			20		REFRIG A215	24
25	RCPT A232-234		20			A			20		REFRIG A215	26
27	RCPT A232-234, B220		20			B			20		RCPT A219, 221-223	28
29	RCPT A232, B219-221		20			C			20		RCPT 222-224	30
31	COUNTER RCPT A225		20			A			20		RCPT A219-220	32
33	REFRIG A225		20			B			20		RCPT A220-221	34
35	REFRIG A225		20			C			20		RCPT A222, 224-230	36
37	COPIER A219		20			A	0.5	4.5	60		PANEL LC2 (B3841)	38
39	COPIER A222		20			B	0.9	7.5				40
41	FAX A222		20			C	0.9	7.5				42

TOTAL AMPS (CONN. LOAD) A: 9.0 B: 16.5 C: 7.5  
 TOTAL AMPS (FEEDTHRU) A: B: C:  
 TOTAL AMPS (CONN. LOAD + FEED-THRU) A: 9.0 B: 16.5 C: 7.5

PANELBOARD OPTIONS:  
 PANELBOARD NOTES:  
 CUTLER HAMMER PRL1A

# EXISTING PANEL LC2 (B3841) SCHEDULE

100 AMP BUS 60 AMP MLO 208Y/120 VOLTS 3PH, 4W, 60 HZ MIN. 10 KAIC SURFACE MOUNTED

CKT. NO.	LOAD DESCRIPTION	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	WIRE SIZE	LOAD DESCRIPTION	CKT. NO.
1	SPARE		30			A			30		SPARE	2
3						B					SPARE	4
5						C			20		SPARE	6
7	WASHER/DRYER		20			A			20		SPARE	8
9	RCPT LADIES RM		20			B			20		SPARE	10
11	SPARE		20			C			20		SPARE	12
13	SPARE MED WAITING/RECEPTION RCPT 227	20		4.5	0.5	A			20		RCPT A222, A220, A231	14
15	SPARE MED OFFICE/STORAGE RCPT 222, 223	20		7.5	0.9	B			20		SMOKE DAMPER	16
17	SPARE MED OFFICE RCPT 222	20		7.5	0.9	C			20		GFI ROOF CHILLER	18

TOTAL AMPS (CONN. LOAD) A: 4.5 B: 7.5 C: 7.5  
 TOTAL AMPS (FEEDTHRU) A: B: C:  
 TOTAL AMPS (CONN. LOAD + FEED-THRU) A: 4.5 B: 7.5 C: 7.5

PANELBOARD OPTIONS:  
 PANELBOARD NOTES:  
 SQUARE D

# EXISTING PANEL LD (B3842) SCHEDULE

150 AMP BUS 150 AMP MCB 208Y/120 VOLTS 3PH, 4W, 60 HZ MIN. 10 KAIC SURFACE MOUNTED

CKT. NO.	LOAD DESCRIPTION	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	WIRE SIZE	LOAD DESCRIPTION	CKT. NO.	
1	B211 RCPT		20			A			20		B212 RCPT	2	
3	B210, B211 RCPT		20			B			20		B212 RCPT	4	
5	B210, B211 RCPT		20			C			20		B212 RCPT	6	
7	B210 RCPT		20			A			20		B213, B209, B215 RCPT	8	
9	B204, B205 RCPT		20			B			20		B213, B209 RCPT	10	
11	B205 RCPT		20			C			20		B214, CORRIDOR RCPT	12	
13	B206 VAULT RCPT		20			A	1.6	13.5	20	60	4	B209 PANEL LD2, NOTE 1	14
15	B204, B208, B207 RCPT		20			B	2.0	16.5	20			B209 NOTE 1	16
17	B207, B208 RCPT		20			C	1.1	9.0	20			B204 RCPT NOTE 1, 2	18
19	B205, B207 RCPT		20			A			20		B209, B204	20	
21	B204 RCPT		20			B			20		B204 RCPT	22	
23	B208 RCPT		20			C			20		A200 RCPT, EX FAN B215	24	
25	B202 RCPT		20			A			20		A200, A201, B210 RCPT	26	
27	A218 RCPT		20			B			20		A200, A203 RCPT	28	
29	A218 RCPT		20			C			20		A218 RCPT	30	
31	B212 RCPT		20			A			20		A219, A220 RCPT	32	
33	SPARE		20			B			20		A221 RCPT	34	
35	A221 RCPT		20			C			20		JOC B204 RCPT	36	
37	JOC B204 RCPT		20			A			20		JOC B204 RCPT	38	
39	JOC B204 RCPT		20			B			20		JOC B204 RCPT	40	
41	JOC B204 RCPT		20			C			20		JOC B204 RCPT	42	

TOTAL AMPS (CONN. LOAD) A: 13.5 B: 16.5 C: 9.0  
 TOTAL AMPS (FEEDTHRU) A: B: C:  
 TOTAL AMPS (CONN. LOAD + FEED-THRU) A: 13.5 B: 16.5 C: 9.0

PANELBOARD OPTIONS:  
 PANELBOARD NOTES:  
 EXISTING SQUARE D NQ  
 1. REMOVE THREE EXISTING 20A-1P AND PROVIDE 60A-3P IN SPACE 14, 16, 18  
 2. RELOCATE CIRCUIT LD-18 TO LD2-18

# PANEL LD2 (3842) SCHEDULE

100 AMP BUS 60 AMP MLO 208Y/120 VOLTS 3PH, 4W, 60 HZ MIN. 10 KAIC SURFACE MOUNTED

CKT. NO.	LOAD DESCRIPTION	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	WIRE SIZE	LOAD DESCRIPTION	CKT. NO.
1	MED OFFICE/RECEPTION RCPT 202, 203	12	20	9.0	1.1	A			20		SPARE	2
3	MED OFFICE/STORAGE RCPT 204, 205	12	20	7.5	0.9	B			20		SPARE	4
5	MED OFFICE/WAITING RCPT 201, 205, 209	12	20	9.0	1.1	C			20		SPARE	6
7	MED EXAM QUAD 206, 207, 208	12	20	4.5	0.5	A			20		SPARE	8
9	MED EXAM RCPT 206, 207, 208	12	20	9.0	1.1	B			20		SPARE	10
11	SPARE		20			C			20		SPARE	12
13	SPARE		20			A			20		SPARE	14
15	SPARE		20			B			20		SPARE	16
17	SPARE		20			C			20	12	B204 RCPT, NOTE 1	18

TOTAL AMPS (CONN. LOAD) A: 13.5 B: 16.5 C: 9.0  
 TOTAL AMPS (FEEDTHRU) A: B: C:  
 TOTAL AMPS (CONN. LOAD + FEED-THRU) A: 13.5 B: 16.5 C: 9.0

PANELBOARD OPTIONS:  
 PANELBOARD NOTES:  
 1. CIRCUIT RELOCATED FROM LD-18



APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE 10/3/23
DES SLC DRW SLC CHK CL
PM/DM J HOFFLER
BRANCH MANAGER C. LONEY, PE
CHIEF ENG/ARCH ELPIDIO REYES
FIRE PROTECTION MICHAEL SINDALL

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 VIRGINIA BEACH, VA  
 JEB LITTLE CREEK - FORT STORY  
 BLDG 3841 AND 3842 MODERNIZE MEDICAL SPACES  
 PANELBOARD SCHEDULES  
 SCALE: AS NOTED  
 PROJECT NO.: 1774969  
 CONSTR. CONTR. NO. N/A  
 NAVFAC DRAWING NO. 12918794  
 SHEET 19 OF 19  
 E-502  
 DRAWING REVISION: 07 AUG 2018

FILE NAME: K:\VA\LittleCreek\Buildings\3842\2024\1774969\_MODERNIZE\_MEDICAL\_SPACES\B\_Design\DWGS\Sheets\10\_ELEC\B3841\_3842-1774969-E-502.dwg  
 LAYOUT NAME: E-502\_PANELBOARD\_SCHEDULES  
 PLOTTED: Friday, March 21, 2025 - 9:00am USER: scott.christopher

UNCLASSIFIED