



**US Army Corps  
of Engineers**  
Louisville District

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# **Solicitation For**

**Repair Aircraft Maintenance B1455 for  
MH-139, Maxwell AFB, AL**

**P2: 496395**

**Design-Bid-Build**

**Specifications - FFE  
Certified Final Design**

**29 December 2023  
W912QR23R0003**

**ARIMS: 200A  
Disposition: Maintain for 15yrs after construction**

## TABLE OF CONTENTS

MAXWELL AIR FORCE BASE, ALABAMA  
REPAIR AIRCRAFT MAINTENANCE B1455 FOR  
MH-139  
PROJECT NUMBER: PNQS21B1455, P2#: 496395

DESIGNER OF RECORD:  
JACOBS  
777 MAIN STREET, FORT WORTH, TX 76102  
CONTACT: JERI CHAMPINE

### FURNITURE, FIXTURES & EQUIPMENT

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# FY21 Repair Aircraft Maintenance B1455 For MH-139 Maxwell AFB, AL

PREPARED BY: Mabelle Above  
DATE: November 23, 2022  
SUBJECT: Interior Design Narrative

## Codes, Standards, and Regulations

- ANSI/BIFMA Safety and Performance Standards for Furniture (2011)
- ASTM D 2047; Test for Slip Resistance of Hard Surfaces
- ETL 07-4 – Air Force Carpet Standard
- NFPA 260 – Methods of Tests and Classification System for Cigarette Ignition Resistance of Components (2009)
- NFPA 261 – Method of Test for Determining Resistance of Mock-up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes (2009)
- NFPA 705 – Field Flame Test for Textiles and Films
- UFC 3-120-01 – Design, Sign Standards, with Change 3, 12 Dec 2017
- UFC 3-120-10 – Interior Design (2018)
- Wyzenbeek Abrasion Resistance Test
- Air Force Reserve Command Handbook 32-1001

## General

This project involves the renovation of the Repair Aircraft Maintenance Hanger, B1455 located at Maxwell Air force Base, AL. Included in the renovation is the existing hanger administration spaces. Additionally, the project includes a newly constructed admin space with supporting classrooms, mission planning space, administrative areas, and other support spaces.

## Comprehensive Interior Design

The Comprehensive Interior Design (CID) package includes Structural Interior Design (SID) and Furniture, Fixture & Equipment (FF&E). The goal of the CID is to provide a functional, durable, visually appealing facility to enhance the User's working environment. Finishes in the SID and FF&E package are coordinated to create a unified, cohesive facility.

## Structural Interior Design

Structural interior design includes all building finishes, built-in casework, window coverings, and signage.

Administrative and training areas will receive carpet tile flooring with resilient base, painted gypsum board walls, and acoustical ceiling tile.

Corridors will receive LVT flooring and resilient base. Walls are a light neutral color. Corridor ceilings have a combination of high NRC white acoustical tile with a few painted gypsum board soffits.

Wall protection will include corner guards at all outside corners throughout the facility.

Window shades are used throughout the facility except at entry vestibules and corridors.

Restrooms will receive porcelain tile flooring and walls, metal cove base, and moisture resistant painted gypsum board ceilings. Toilet compartments will be durable solid core phenolic. Lavatories will have solid surface countertops with a removable plastic laminate apron panel.

The break room will receive LVT flooring and resilient base, painted gypsum board walls, and acoustical ceiling tile. Casework will be plastic laminate with solid surface countertops and porcelain mosaic tile backsplash.

Simulator areas will have epoxy flooring and utility areas such as electrical/ mechanical rooms will have sealed concrete floors, resilient base, painted gypsum board walls, and painted open structure above. The telecommunication room will have the same finishes except with static control flooring. Janitor's closets will have sealed concrete flooring with resilient base, a water-resistant wainscot with paint above, and painted open structure ceilings.

## Furniture, Fixtures, & Equipment (Bid Option)

FF&E for this project is a bid option and includes freestanding modular desk systems, systems furniture with powered and non-powered panels, storage, seating, and tables. All desks and workstations will have trash and recycle bins. Desks and workstations will have plastic laminate worksurfaces with painted metal storage units.

The General Contractor is responsible for all electrical connections from the FF&E to the building.

Government furnished equipment for this project includes break room appliances, flat screen TV monitors with wall brackets, and copiers/printers.





### GENERAL NOTES - FF&E PLANS

A	ALL FF&E ITEMS MUST BE INCLUDED IN ITEM NO. 0004 "OPTION - FF&E"
B	FURNITURE, FIXTURES & EQUIPMENT (FF&E) IS SHOWN FOR COORDINATION ONLY.
C	COORDINATE WITH FURNITURE DEALER TO ALLOW BUILDING ACCESS FOR FIELD CONDITION VERIFICATION.
D	FURNITURE VENDOR IS RESPONSIBLE FOR PROVIDING J BOXES AND WHIPS TO THE SUPPORT FF&E. FINAL CONNECTIONS OF SYSTEMS FURNITURE TO THE BUILDING ARE PROVIDED BY THE GENERAL CONTRACTOR.
E	VERIFY FIELD CONDITIONS PRIOR TO ORDERING FF&E TO ENSURE PROPER FIT OF ALL ITEMS.
F	INFORMATION TECHNOLOGY (IT) (PHONE/ LAN ETC.) WIRING SHALL BE PROVIDED BY OTHERS AFTER INSTALLATION: COORDINATE WITH CONTRACTING OFFICER.



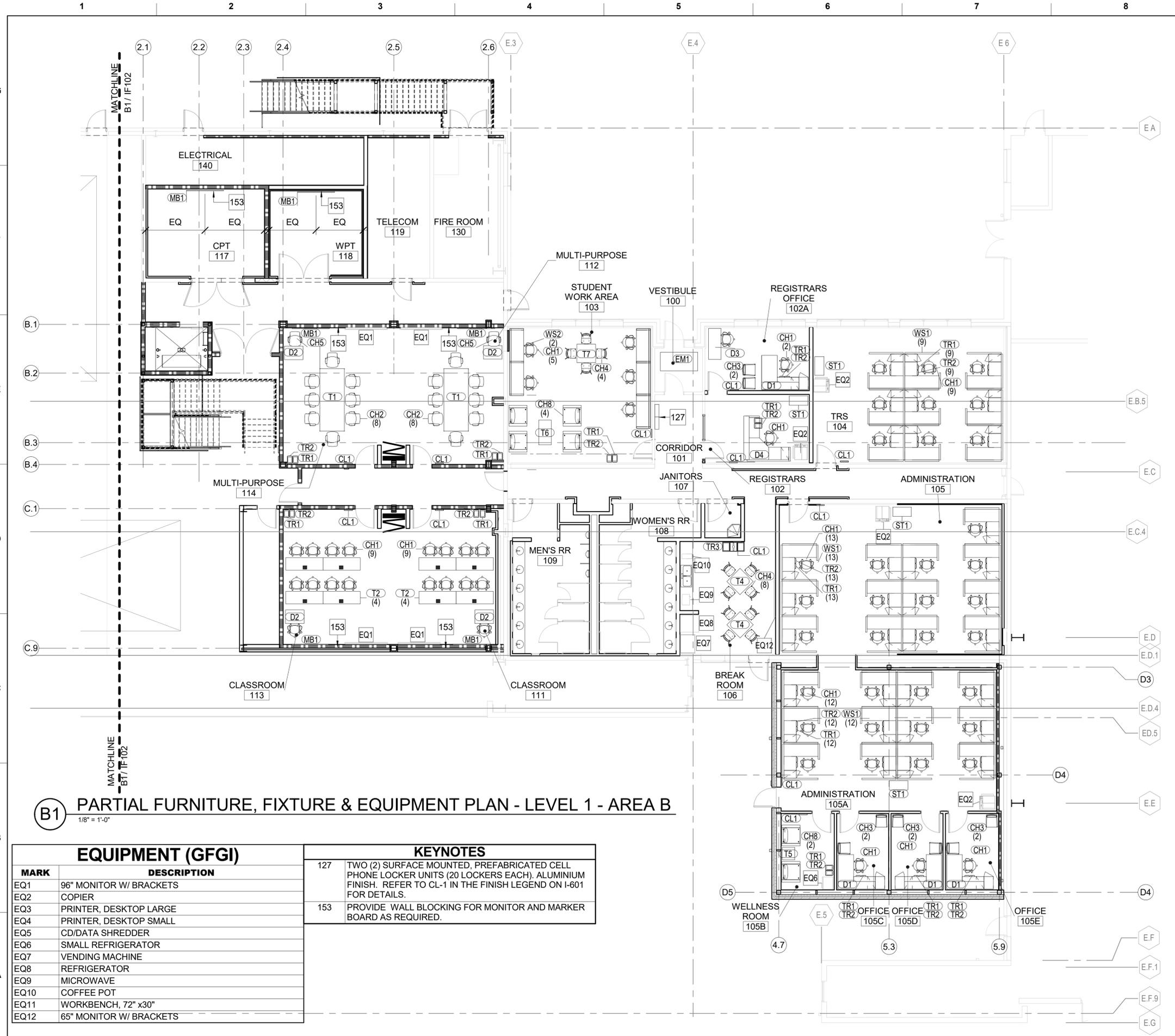
### FF&E

MARK	DESCRIPTION
CH1	CHAIR, TASK / TRAINING
CH2	CHAIR, CONFERENCE
CH3	CHAIR, GUEST
CH4	CHAIR, BREAKROOM
CH5	CHAIR, MIDBACK CONFERENCE
CH6	TASK STOOL
CH8	LOUNGE CHAIR
CL1	WALL CLOCK
D1	DESK, L-SHAPED
D2	FACILITATOR'S STAND W/ CASTER KIT
D3	DESK, 5'-0"
D4	DESK, RECEPTION
EM1	MAT, ENTRANCE
MB1	MARKERBOARD
MC1	MOBILE CHATBOARD
ST1	STORAGE, CABINET
ST2	STORAGE, HEAVY-DUTY SHELVING
ST3	STORAGE, LATERAL FILE 2H
T1	TABLE, CONFERENCE 10'-0"
T2	TABLE, TRAINING 6'-0"
T3	TABLE, TRAINING 5'-0"
T4	TABLE, DINING
T5	TABLE, OCCASIONAL - SQUARE
T6	TABLE, OCCASIONAL - RECTANGLE
T7	TABLE, WORK AREA
TR1	TRASH RECEPTACLE
TR2	RECYCLE RECEPTACLE
TR3	3-COMPARTMENT TRASH & RECYCLING
WS1	WORKSTATION, L- SHAPED
WS2	WORKSTATION, BENCHING

DESIGNED BY: M. ABOVE	ISSUE DATE: 23 NOV 2022
DRAWN BY: S. LEBEAU	SOLICITATION NO.:
CHECKED BY: S. LEBEAU	CONTRACT NO.:
SUBMITTED BY: E. O. NESS	DRAWING CODE:
SIZE: ANSI D 22x34	FILE NAME: SXHT1219201IF103

US ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT  
MAXWELL AIR FORCE BASE  
PROJECT NUMBER: PMS21B1455, P2#: 496395  
PARTIAL FURNITURE, FIXTURE, & EQUIPMENT PLAN  
- LEVEL 1 - AREA B

SHEET ID  
B1455  
IF103



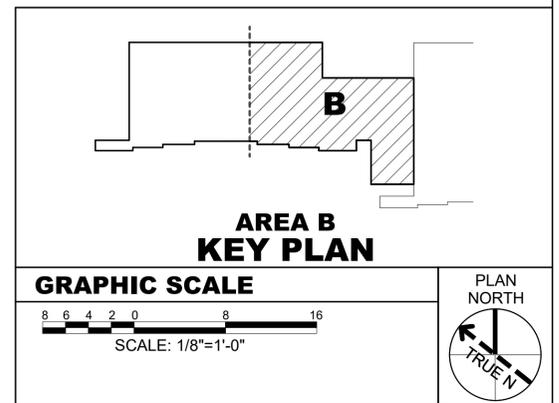
**B1 PARTIAL FURNITURE, FIXTURE & EQUIPMENT PLAN - LEVEL 1 - AREA B**  
1/8" = 1'-0"

### EQUIPMENT (GFGI)

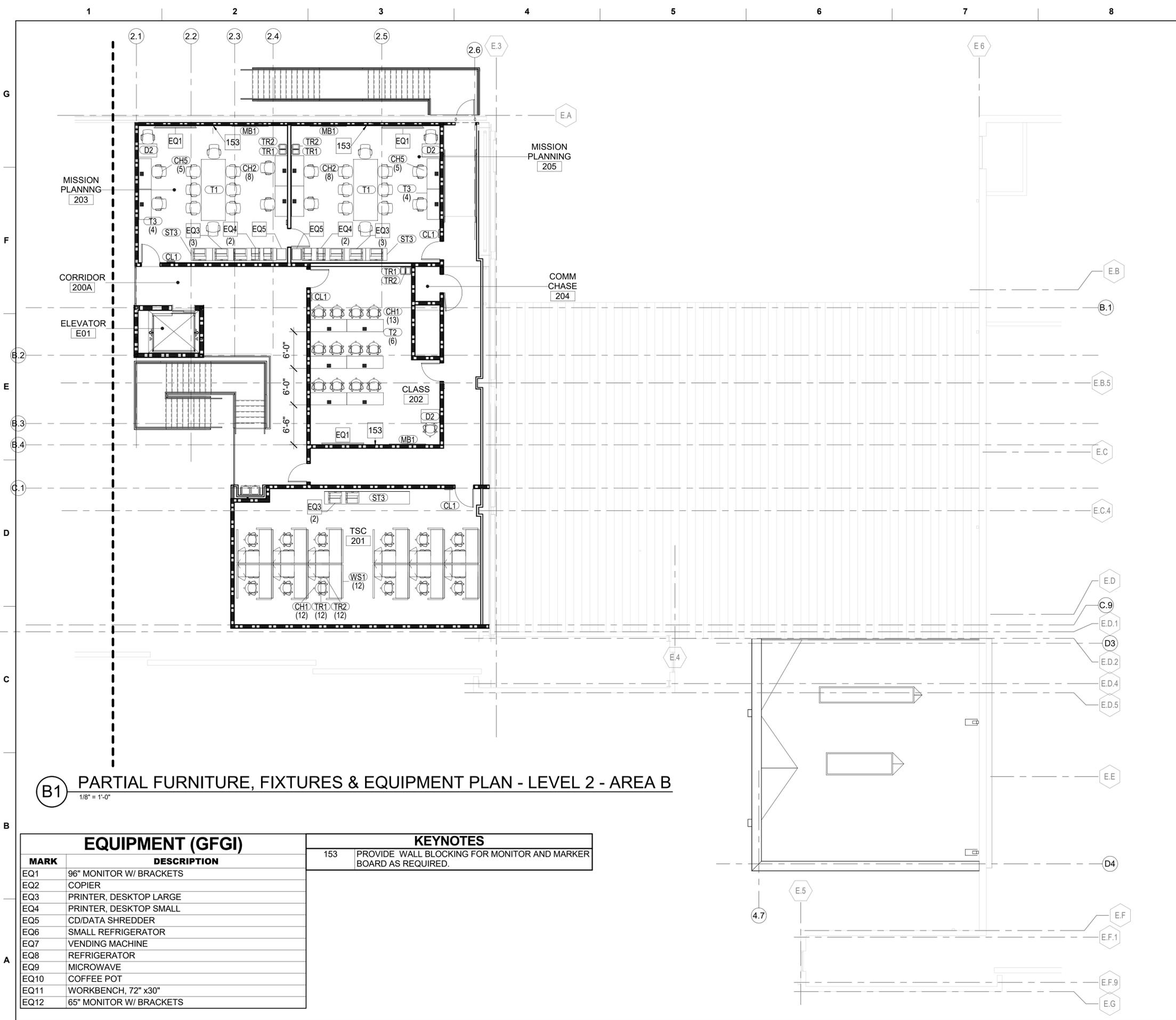
MARK	DESCRIPTION
EQ1	96" MONITOR W/ BRACKETS
EQ2	COPIER
EQ3	PRINTER, DESKTOP LARGE
EQ4	PRINTER, DESKTOP SMALL
EQ5	CD/DATA SHREDDER
EQ6	SMALL REFRIGERATOR
EQ7	VENDING MACHINE
EQ8	REFRIGERATOR
EQ9	MICROWAVE
EQ10	COFFEE POT
EQ11	WORKBENCH, 72" x30"
EQ12	65" MONITOR W/ BRACKETS

### KEYNOTES

127	TWO (2) SURFACE MOUNTED, PREFABRICATED CELL PHONE LOCKER UNITS (20 LOCKERS EACH). ALUMINIUM FINISH. REFER TO CL-1 IN THE FINISH LEGEND ON I-601 FOR DETAILS.
153	PROVIDE WALL BLOCKING FOR MONITOR AND MARKER BOARD AS REQUIRED.







### GENERAL NOTES - FF&E PLANS

A	ALL FF&E ITEMS MUST BE INCLUDED IN ITEM NO. 0004 "OPTION - FF&E"
B	FURNITURE, FIXTURES & EQUIPMENT (FF&E) IS SHOWN FOR COORDINATION ONLY.
C	COORDINATE WITH FURNITURE DEALER TO ALLOW BUILDING ACCESS FOR FIELD CONDITION VERIFICATION.
D	FURNITURE VENDOR IS RESPONSIBLE FOR PROVIDING J BOXES AND WHIPS TO THE SUPPORT FF&E. FINAL CONNECTIONS OF SYSTEMS FURNITURE TO THE BUILDING ARE PROVIDED BY THE GENERAL CONTRACTOR.
E	VERIFY FIELD CONDITIONS PRIOR TO ORDERING FF&E TO ENSURE PROPER FIT OF ALL ITEMS.
F	INFORMATION TECHNOLOGY (IT) (PHONE/ LAN ETC.) WIRING SHALL BE PROVIDED BY OTHERS AFTER INSTALLATION: COORDINATE WITH CONTRACTING OFFICER.

### FF&E

MARK	DESCRIPTION
CH1	CHAIR, TASK / TRAINING
CH2	CHAIR, CONFERENCE
CH3	CHAIR, GUEST
CH4	CHAIR, BREAKROOM
CH5	CHAIR, MIDBACK CONFERENCE
CH6	TASK STOOL
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TR1	TRASH RECEPTACLE
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TR3	3-COMPARTMENT TRASH & RECYCLING
WS1	WORKSTATION, L- SHAPED
WS2	WORKSTATION, BENCHING

**US Army Corps of Engineers**  
Louisville District

STATE OF TEXAS  
MACHELL LARUE ABOVE  
REGISTERED PROFESSIONAL INTERIOR DESIGNER  
23 NOV 2022  
TEXAS REGISTERED ENGINEERING FIRM F-2366

DATE	DESCRIPTION

DESIGNED BY: M. ABOVE  
DRAWN BY: S. LEBEAU  
CHECKED BY: S. LEBEAU  
SUBMITTED BY: E. O'NESS  
SIZE: 11x17  
ANSI D 22x34

ISSUE DATE: 23 NOV 2022  
SOLICITATION NO.:  
CONTRACT NO.:  
DRAWING CODE:

FILE NAME: SX-HIT219201IF112

US ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT  
MAXWELL AIR FORCE BASE

JACOBS ENGINEERING GROUP INC.  
7700 JACOBS BLVD  
HOUSTON, TX 77058

**B1 PARTIAL FURNITURE, FIXTURES & EQUIPMENT PLAN - LEVEL 2 - AREA B**  
1/8" = 1'-0"

### EQUIPMENT (GFGI)

MARK	DESCRIPTION
EQ1	96" MONITOR W/ BRACKETS
EQ2	COPIER
EQ3	PRINTER, DESKTOP LARGE
EQ4	PRINTER, DESKTOP SMALL
EQ5	CD/DATA SHREDDER
EQ6	SMALL REFRIGERATOR
EQ7	VENDING MACHINE
EQ8	REFRIGERATOR
EQ9	MICROWAVE
EQ10	COFFEE POT
EQ11	WORKBENCH, 72" x30"
EQ12	65" MONITOR W/ BRACKETS

### KEYNOTES

153	PROVIDE WALL BLOCKING FOR MONITOR AND MARKER BOARD AS REQUIRED.
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### AREA B KEY PLAN

GRAPHIC SCALE  
8 6 4 2 0 8 16  
SCALE: 1/8"=1'-0"

PLAN NORTH  
TRUE N

MAXWELL AIR FORCE BASE, ALABAMA  
REPAIR AIRCRAFT MAINTENANCE B1455 FOR MH-139  
PROJECT NUMBER: PNGS21B1455, P#: 496395

PARTIAL FURNITURE, FIXTURE, AND EQUIPMENT PLAN - LEVEL 2 - AREA B

SHEET ID  
B1455  
IF112

















	<b>REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139</b> <b>MAXWELL AIR FORCE BASE, ALABAMA</b> <b>PROJECT NUMBER: PNQS21B1455, P2#: 496395</b>	<b>ITEM CODE</b>
		<b>CL1</b>

**ITEM**  
WALL CLOCK

**BASIS OF DESIGN**

<b>Manufacturer</b>	Alle
<b>Manufacturer Information</b>	27 Ruskin Road, Amherst, NY 14226 (716) 446.5538 www.alleltd.com
<b>Product Series</b>	Alton Wall Clock
<b>Model Number</b>	5496
<b>Dimensions</b>	14"Dia. x 2.5"D
<b>Description</b>	Analog wall clock with shatter-resistant acrylic lens. White dial and large black Arabic numerals. Quartz, battery operated movement. Requires (1) AA sized battery (Ensure batteries are included at installation).



<b>Finishes</b>	<b>FRAME:</b> Black  <b>DIAL:</b> White
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<b>Notes</b>	1. Provide room number on carton. 2. All substitutions must be approved by Designer of Record and by AFRC Headquarter Interior Designer. 3. Assemble/Install all components per manufacturer's written instructions.
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LOCATIONS			LOCATIONS		
Room No	Room Name	Qty.	Room No	Room Name	Qty.
102	Registrars	1			
102A	Registrars Office	1			
103	Student Work Area	1			
104	TRS	1			
105	Administration	1			
105A	Administration	1			
105B	Wellness Room	1			
106	Break Room	1			
111	Classroom	1			
112	Multi-Purpose	1			
113	Classroom	1			
114	Multi-Purpose	1			
122	Tool Room	1			
123	Multi-Purpose	1			
124	Multi-Purpose	1			
126	OFT Computer	1			
201	TSC	1			
202	Class	1			
203	Mission Planning	1			
205	Mission Planning	1			
			<b>TOTAL</b>		<b>20</b>

























	<b>REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139</b> <b>MAXWELL AIR FORCE BASE, ALABAMA</b> <b>PROJECT NUMBER: PNQS21B1455, P2#: 496395</b>	<b>ITEM CODE</b>
		<b>T2</b>

<b>ITEM</b>
TABLE, TRAINING 6'-0"

<b>BASIS OF DESIGN</b>
------------------------

<b>Manufacturer</b>	Enwork
<b>Manufacturer Information</b>	12900 Christopher Drive, Lowell, MI 49331 (800) 815.7251 www.enwork.com
<b>Product Series</b>	Zori Training Table
<b>Model Number</b>	Top: CR2472AGD / Base: CYSSC24NNBT
<b>Dimensions</b>	72"W x 24"D x 27.75"H
<b>Description</b>	Plastic laminate table with painted metal T-leg base and locking casters. Ganging brackets. Tables to be daisy chained for power from adjacent wall. 3mm edgeband to match laminate finish. One grommet with cover, rear centered. Provide single-sided power with 2 power outlets, 1 USB, 1 Micro USB minimum.



<b>Finishes</b>	<b>TABLE TOP:</b> Wilsonart - Pinnacle Walnut 7992-38 (Laminate)  <b>LEGS:</b> Silver (Painted Metal)
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<b>Notes</b>	1. Provide room number on carton. 2. All substitutions must be approved by Designer of Record and by AFRC Headquarter Interior Designer. 3. Assemble/Install all components per manufacturer's written instructions.
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<b>LOCATIONS</b>			
Room No	Room Name	Qty.	
111	Classroom	4	
113	Classroom	4	
202	Class	6	
<b>TOTAL</b>			<b>14</b>















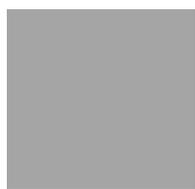
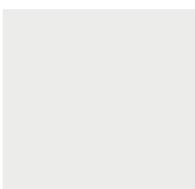
	<b>REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139</b> <b>MAXWELL AIR FORCE BASE, ALABAMA</b> <b>PROJECT NUMBER: PNQS21B1455, P2#: 496395</b>	<b>ITEM CODE</b>
		<b>TR3</b>

**ITEM**  
3 COMPARTMENT TRASH & RECYCLING

**BASIS OF DESIGN**

<b>Manufacturer</b>	Magnuson Group
<b>Manufacturer Information</b>	1400 Internationale Parkway, Suite 100, Woodridge, IL 60517 (800) 342.5725 www.magnusongroup.com
<b>Product Series</b>	Valuta
<b>Model Number</b>	VA1814L
<b>Dimensions</b>	14"W x 18"D x 33.75"H (each receptacle)
<b>Description</b>	Trash/recycling receptacle with (3) 32 gallon compartments each with an internal rigid liner and integrated bag arms. Waste Receptacle: 7.125" x 11" rectangular opening and "Waste" label. Recycling Receptacle: 2" x 11" x 4.25"Dia. Paper/Circle opening and "Recycling" label. Paper Receptacle: 2" x 11" Paper opening and "Paper" label.



<b>Finishes</b>	<b>TOP/BODY:</b> Anodized Silver RAL-9006	  	 
	<b>PICTOGRAM LABELS:</b> White		

**Notes**

1. Provide room number on carton.
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3. Assemble/Install all components per manufacturer's written instructions.

**LOCATIONS**

Room No	Room Name	Qty.	Room No	Room Name	Qty.
106	Break Room	1			
<b>TOTAL</b>					<b>1</b>





 US Army Corps of Engineers®	<b>REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139</b> <b>MAXWELL AIR FORCE BASE, ALABAMA</b> <b>PROJECT NUMBER: PNQS21B1455, P2#: 496395</b>	
	FF&E ITEM CODE INDEX	
CODE	ITEM DESCRIPTION	MANUFACTURER
<b>ACCESSORIES</b>		
CL1	Wall Clock	Alle
EM1	Mat, Entrance	Construction Specialties
MB1	Markerboard	Claridge
MC1	Mobile Chatboard	Claridge
FL1	American Flag	US Flag Supply
TR1	Trash Receptacle	Alle
TR2	Recycling Receptacle	Alle
TR3	3-Compartment Trash & Recycling	Magnuson
<b>SEATING</b>		
CH1	Chair, Task/Training	Kimball
CH2	Chair, Conference	Kimball
CH3	Chair, Guest	Kimball
CH4	Chair, Breakroom	Kimball
CH5	Chair, Midback Conference	Kimball
CH6	Task Stool	Kimball
CH8	Lounge Chair	National Office Furniture
<b>DESKS</b>		
D1	Desk, L-Shaped	Kimball
D2	Facilitator's Stand W/ Caster Kit	Enwork
D3	Desk, 5'-0"	Kimball
D4	Desk, Reception	Kimball
<b>STORAGE</b>		
ST1	Storage, Cabinet	Kimball
ST2	Storage, Heavy-Duty Shelving	ULINE
ST3	Storage, Lateral File 2H	Kimball
<b>TABLES</b>		
T1	Table, Conference 10'-0"W	Enwork
T2	Table, Training 6'-0"	Enwork
T3	Table, Training 5'-0"	Enwork
T4	Table, Dining	National Office Furniture
T5	Table, Occasional - Square	National Office Furniture
T6	Table, Occasional - Rectangle	National Office Furniture
T7	Table, Work Area	National Office Furniture
<b>WORKSTATIONS</b>		
WS1	Workstation, L-Shaped	Kimball
WS2	Workstation, Benching	Kimball



**REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139**  
**MAXWELL AIR FORCE BASE, ALABAMA**  
**PROJECT NUMBER: PNQS21B1455, P2#: 496395**

**ROOM CONTENTS LIST**

<b>ROOM NO.</b>	<b>ROOM NAME</b>	<b>CODE</b>	<b>DESCRIPTION</b>	<b>QTY</b>
<b>LEVEL 1</b>				
<b>100</b>	<b>Vestibule</b>			
		EM1	Mat, Entrance	1
<b>102</b>	<b>Registrars</b>			
		CH1	Chair, Task/Training	1
		CL1	Wall Clock	1
		D4	Desk, Reception	1
		ST1	Storage, Cabinet	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>102A</b>	<b>Registrars Office</b>			
		CH1	Chair, Task/Training	2
		CH3	Chair, Guest	2
		CL1	Wall Clock	1
		D1	Desk, L-Shaped	1
		D3	Desk, 5'-0"	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>103</b>	<b>Student Work Area</b>			
		CH1	Chair, Task/Training	5
		CH4	Chair, Breakroom	4
		CH8	Lounge Chair	4
		T6	Table, Occasional - Rectangle	1
		T7	Table, Work Area	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
		WS2	Workstation, Benching	5
<b>104</b>	<b>TRS</b>			
		CH1	Chair, Task/Training	9
		CL1	Wall Clock	1
		ST1	Storage, Cabinet	1
		TR1	Trash Receptacle	9
		TR2	Recycling Receptacle	9
		WS1	Workstation, L-Shaped	9
<b>105</b>	<b>Administration</b>			
		CH1	Chair, Task/Training	13
		CL1	Wall Clock	1
		ST1	Storage, Cabinet	1
		TR1	Trash Receptacle	13
		TR2	Recycling Receptacle	13
		WS1	Workstation, L-Shaped	13
<b>105A</b>	<b>Administration</b>			
		CH1	Chair, Task/Training	12
		CL1	Wall Clock	1
		ST1	Storage, Cabinet	1
		TR1	Trash Receptacle	12
		TR2	Recycling Receptacle	12
		WS1	Workstation, L-Shaped	12



**REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139**  
**MAXWELL AIR FORCE BASE, ALABAMA**  
**PROJECT NUMBER: PNQS21B1455, P2#: 496395**

**ROOM CONTENTS LIST**

<b>ROOM NO.</b>	<b>ROOM NAME</b>	<b>CODE</b>	<b>DESCRIPTION</b>	<b>QTY</b>
<b>105B</b>	<b>Wellness Room</b>			
		CH8	Lounge Chair	2
		CL1	Wall Clock	1
		T5	Table, Occasional - Square	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>105C</b>	<b>Office</b>			
		CH3	Chair, Guest	2
		CH1	Chair, Task/Training	1
		D1	Desk, L-Shaped	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>105D</b>	<b>Office</b>			
		CH3	Chair, Guest	2
		CH1	Chair, Task/Training	1
		D1	Desk, L-Shaped	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>105E</b>	<b>Office</b>			
		CH3	Chair, Guest	2
		CH1	Chair, Task/Training	1
		D1	Desk, L-Shaped	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>106</b>	<b>Break Room</b>			
		CH4	Chair, Breakroom	8
		CL1	Wall Clock	1
		T4	Table, Dining	2
		TR3	3-Compartment Trash & Recycling	1
<b>111</b>	<b>Classroom</b>			
		CH1	Chair, Task/Training	9
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		T2	Table, Training 6'-0"	4
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>112</b>	<b>Multi-Purpose</b>			
		CH2	Chair, Conference	8
		CH5	Chair, Midback Conference	1
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		T1	Table, Conference 10'-0"W	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1



**REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139**  
**MAXWELL AIR FORCE BASE, ALABAMA**  
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**ROOM CONTENTS LIST**

<b>ROOM NO.</b>	<b>ROOM NAME</b>	<b>CODE</b>	<b>DESCRIPTION</b>	<b>QTY</b>
<b>113</b>	<b>Classroom</b>			
		CH1	Chair, Task/Training	9
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		T2	Table, Training 6'-0"	4
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>114</b>	<b>Multi-Purpose</b>			
		CH2	Chair, Conference	8
		CH5	Chair, Midback Conference	1
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		T1	Table, Conference 10'-0"W	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>115</b>	<b>IAST</b>			
		MB1	Markerboard	1
<b>116</b>	<b>AIE PTT</b>			
		MB1	Markerboard	1
<b>120</b>	<b>OFT</b>			
		MC1	Mobile Chatboard	1
<b>121</b>	<b>OFT</b>			
		MC1	Mobile Chatboard	1
<b>122</b>	<b>Tool Room</b>			
		CH6	Task Stool	2
		CL1	Wall Clock	1
		ST2	Storage, Heavy-Duty Shelving	4
		TR1	Trash Receptacle	2
		TR2	Recycling Receptacle	2
<b>123</b>	<b>Multi-Purpose</b>			
		CH2	Chair, Conference	8
		CH5	Chair, Midback Conference	2
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		T1	Table, Conference 10'-0"W	1
		T3	Table, Training 5'-0"	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1



**REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139**  
**MAXWELL AIR FORCE BASE, ALABAMA**  
**PROJECT NUMBER: PNQS21B1455, P2#: 496395**

**ROOM CONTENTS LIST**

<b>ROOM NO.</b>	<b>ROOM NAME</b>	<b>CODE</b>	<b>DESCRIPTION</b>	<b>QTY</b>
<b>124</b>	<b>Multi-Purpose</b>			
		CH2	Chair, Conference	8
		CH5	Chair, Midback Conference	2
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		T1	Table, Conference 10'-0"W	1
		T3	Table, Training 5'-0"	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>126</b>	<b>OFT Computer</b>			
		CL1	Wall Clock	1
		CH1	Chair, Task/Training	1
		T3	Table, Training 5'-0"	1
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>LEVEL 2</b>				
<b>201</b>	<b>TSC</b>			
		CH1	Chair, Task/Training	12
		CL1	Wall Clock	1
		ST3	Storage, Lateral File 2H	1
		TR1	Trash Receptacle	12
		TR2	Recycling Receptacle	12
		WS1	Workstation, L-Shaped	12
<b>202</b>	<b>Class</b>			
		CH1	Chair, Task/Training	13
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		T2	Table, Training 6'-0"	6
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1
<b>203</b>	<b>Mission Planning</b>			
		CH2	Chair, Conference	8
		CH5	Chair, Midback Conference	5
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		ST3	Storage, Lateral File 2H	1
		T1	Table, Conference 10'-0"W	1
		T3	Table, Training 5'-0"	4
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1



US Army Corps  
of Engineers

**REPAIR AIRCRAFT MAINTENANCE - B1455 FOR MH-139**  
**MAXWELL AIR FORCE BASE, ALABAMA**  
**PROJECT NUMBER: PNQS21B1455, P2#: 496395**

**ROOM CONTENTS LIST**

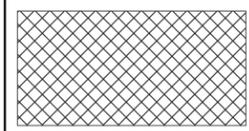
<b>ROOM NO.</b>	<b>ROOM NAME</b>	<b>CODE</b>	<b>DESCRIPTION</b>	<b>QTY</b>
<b>205</b>	<b>Mission Planning</b>			
		CH2	Chair, Conference	8
		CH5	Chair, Midback Conference	5
		CL1	Wall Clock	1
		D2	Facilitator's Stand W/ Caster Kit	1
		MB1	Markerboard	1
		ST3	Storage, Lateral File 2H	1
		T1	Table, Conference 10'-0"W	1
		T3	Table, Training 5'-0"	4
		TR1	Trash Receptacle	1
		TR2	Recycling Receptacle	1

**GENERAL NOTES - SECURE**

A PROVIDE DIELECTRIC BREAK IN CONDUITS ROUTING ACROSS THE SECURE TO UNSECURE BOUNDARY TRANSITIONING FROM METALLIC CONDUIT TO NONMETALLIC PVC CONDUIT AND BACK TO METALLIC CONDUIT. REFER TO TELECOM PLANS TY101 AND A1/T-503



**HATCH LEGEND**



THE CROSS HATCH PATTERN REPRESENTS THE SECURE AREA OF THE FACILITY. PROVIDE DIELECTRIC BREAKS FOR CONDUIT PENETRATIONS THROUGH THE SECURE PERIMETER WALL. COORDINATE WITH ARCHITECTURE, TELECOM, AND FIRE PROTECTION

MARK	DESCRIPTION	DATE

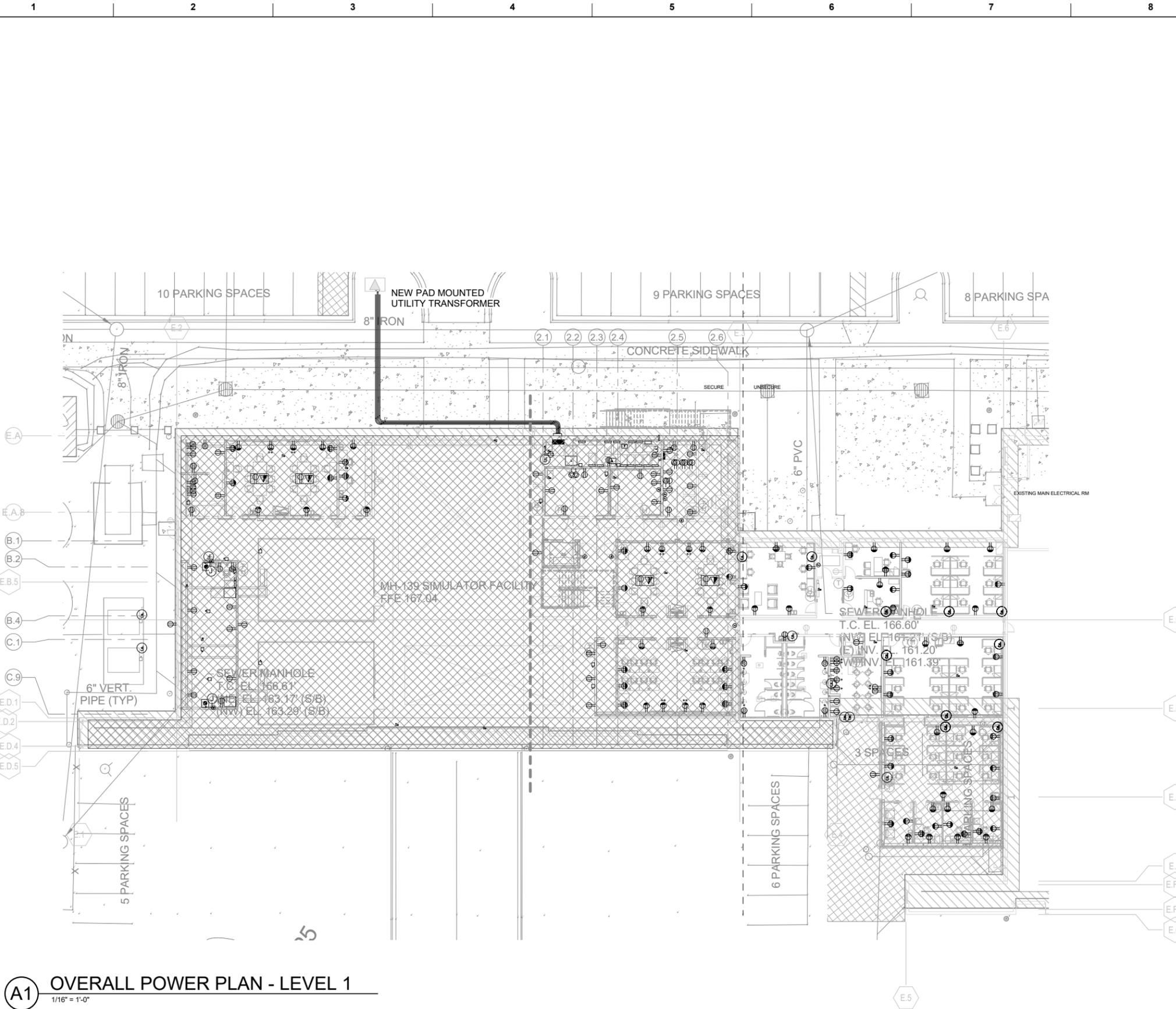
DESIGNED BY: A. MCWHORTER	ISSUE DATE: 23 NOVEMBER 2022
DRAWN BY: D. FORN	SOLICITATION NO.:
CHECKED BY: K. HOGAN	CONTRACT NO.:
SUBMITTED BY: E. OLNESS	DRAWING CODE:
SIZE: ANSI D 22x34	FILE NAME: SXHT21920TEP101

US ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT  
MAXWELL AIR FORCE BASE

JACOBS ENGINEERING GROUP, INC.  
777 JACOBS DRIVE, SUITE 100  
HOUSTON, TEXAS 77058-1100  
JACOBS No. 1428513

MAXWELL AIR FORCE BASE, ALABAMA  
REPAIR AIRCRAFT MAINTENANCE B.1455 FOR MH-139  
PROJECT NUMBER: PNGS21B1455, P2#: 496395  
OVERALL POWER PLAN - LEVEL 1

SHEET ID  
B1455  
EP101



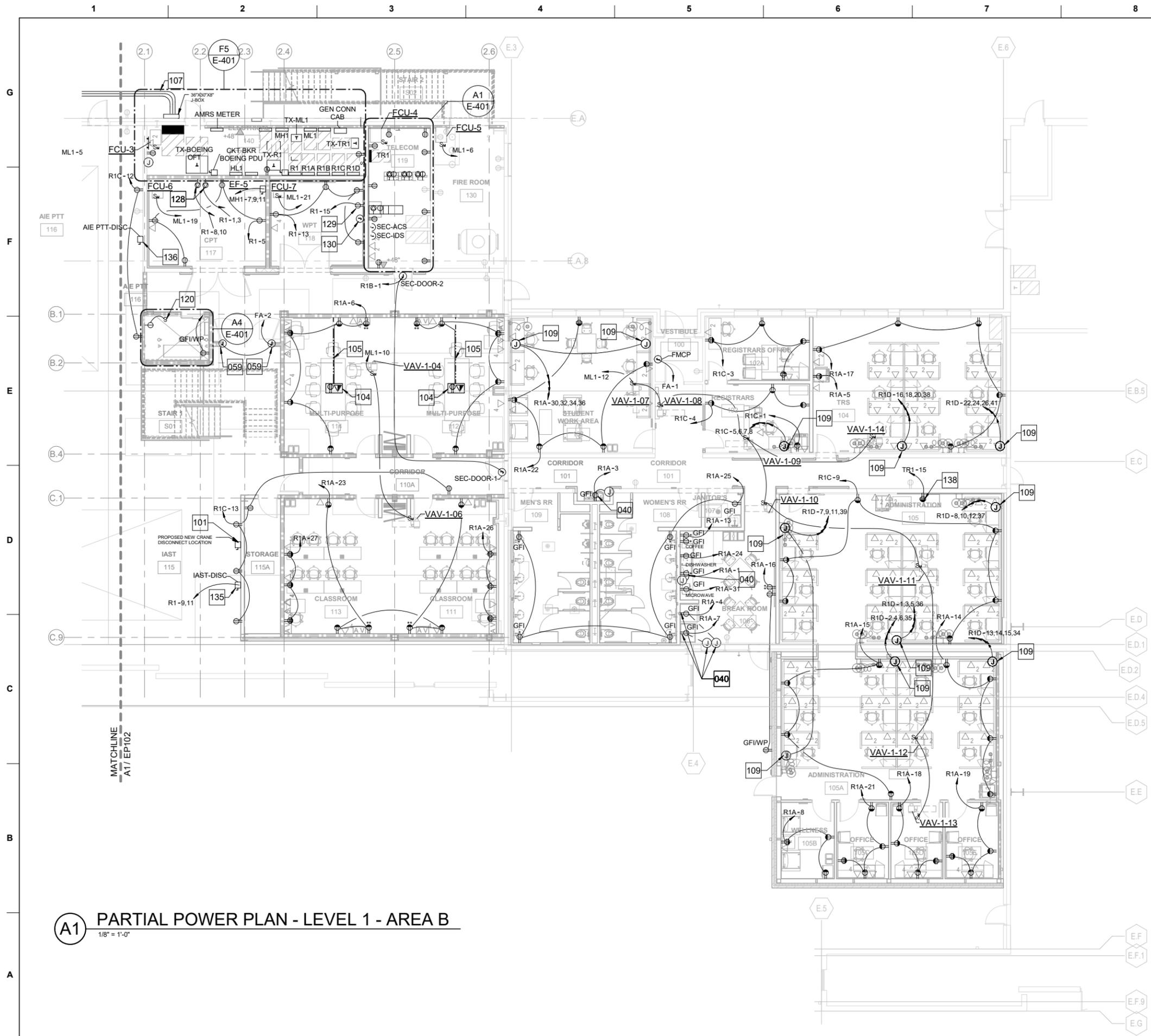
**A1** OVERALL POWER PLAN - LEVEL 1  
1/16" = 1'-0"

**OVERALL KEY PLAN**

**GRAPHIC SCALE**  
16 12 8 4 0 16 32  
SCALE: 1/16"=1'-0"

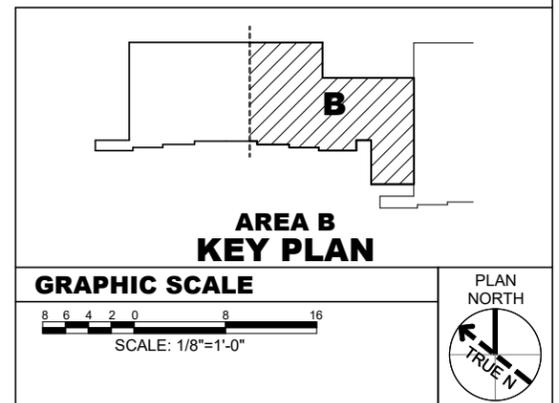
PLAN NORTH  
TRUE N





**A1 PARTIAL POWER PLAN - LEVEL 1 - AREA B**  
 1/8" = 1'-0"

GENERAL NOTES - POWER	
A	REFER TO A2/E-501 FOR CONTROLLED RECEPTACLES WIRING DIAGRAM.
B	REFER TO E-602 FOR ADDITIONAL EQUIPMENT CONNECTION INFORMATION. FOR INTEGRAL DISCONNECTS, REFER TO EQUIPMENT SCHEDULES AND MECHANICAL SHEETS. INTEGRAL DISCONNECTS ARE SHOWN AS HALF-TONED.
C	CONDUIT RUNS AS SHOWN ON THE PLANS ARE DIAGRAMMATIC ONLY. EXACT LOCATION AND METHOD OF SUPPORT MUST BE DETERMINED IN THE FIELD.
E	PROVIDE SOURCE (PANEL & CIRCUIT #) LABEL ON ALL NEW RECEPTACLE COVERS.
KEYNOTES	
040	PROVIDE REMOTE INDICATOR AND RESET GFCI IN AN ACCESSIBLE LOCATION. PROVIDE LABEL IDENTIFYING THE APPLIANCE SERVED.
059	PROVIDE POWER CONNECTION TO DOOR HOLD OPEN. COORDINATE REQUIREMENTS WITH MANUFACTURER AND FIRE PROTECTION.
101	REMOVE EXISTING CRANE DISCONNECT AND PROVIDE NEW DISCONNECT IN NEW LOCATION. EXTEND CONDUIT AND CONDUCTORS TO NEW LOCATION. PROVIDE CRANE DISCONNECT RELOCATION MEETING WITH CONTRACTING OFFICER AND USERS TO DETERMINE IDEAL LOCATION FOR THE CRANE DISCONNECT SWITCH. REMOVE EXISTING CRANE DISCONNECT AND PROVIDE NEW DISCONNECT SWITCH IN LOCATION PER THE RELOCATION MEETING. PROVIDE TESTING AND COMMISSIONING OF CRANE PRIOR TO START OF CONSTRUCTION. CRANE IS TO REMAIN OPERATIONAL AFTER CONSTRUCTION COMPLETION. TEST AND COMMISSION CRANE AFTER RELOCATION OF CRANE DISCONNECT AND CONTROLS. PROVIDE NEW DISCONNECT AND CIRCUIT TO MATCH EXISTING.
104	PROVIDE SURFACE-TYPE FLOOR BOX WITH COMBINATION POWER AND DATA. PROVIDE DUPLEX 5-20R RECEPTACLE AND SPACE FOR DATA. REFER TO TELECOM PLANS. COORDINATE WITH ARCHITECTURAL AND INTERIORS FOR DIMENSIONS TO LOCATE BELOW TABLES.
105	PROVIDE IN-CARPET EXPOSED RACEWAY SYSTEM FROM THE WALL TO THE FLOOR BOX.
107	PROVIDE UNDERGROUND CONDUITS FROM TRANSFORMER TO EXTERIOR JUNCTION BOX FOR SERVICE CONDUCTORS TO MDP2. COORDINATE WITH THE LOCAL ELECTRICAL UTILITY COMPANY (CAEC) TO INSTALL THE CONDUITS INTO THE SECONDARY SECTION OF THE TRANSFORMER.
109	PROVIDE A 10-WIRE (4-4-2), 2+2 CIRCUIT CONFIGURATION TO THE WORKSTATIONS. PROVIDE 8#10, 2#10 GROUND IN 1-1/4" CONDUIT AND MAKE WHIP CONNECTION TO FURNITURE ACCORDING TO FURNITURE MANUFACTURER REQUIREMENTS. ONE DUPLEX OUTLET SHALL HAVE CONTROLLED RECEPTACLES AND THE THREE OTHER DUPLEX OUTLET WILL HAVE NON-SWITCHED RECEPTACLES. LABEL CONTROLLED RECEPTACLES ACCORDINGLY. COORDINATE WITH FURNITURE MANUFACTURER TO PROVIDE ELECTRICAL CONNECTIONS AND TESTING OF FURNITURE RECEPTACLES.
120	MOUNT THE SWITCH IN ELEVATOR PIT AT REACHING HEIGHT NEAR ELEVATOR OPENING.
128	PROVIDE TWO 2-POLE 3-WIRE 208 VAC OUTLET FOR THE COCKPIT PROCEDURAL TRAINER (CPT).
129	PROVIDE A DEDICATED DUPLEX OUTLET FOR THE WEAPONS PROCEDURAL TRAINER (WPT).
130	PROVIDE A L5-20P PLUG FOR THE WEAPONS PROCEDURAL TRAINER.
135	PROVIDE A DISCONNECT FOR THE IAST TOWARDS THE REAR OF THE TRAINER.
136	PROVIDE A DISCONNECT FOR THE ALTERNATE INSERTION EXTRACTION PART-TASK TRAINER (AIE PTT) AT THE BOTTOM OF THE SCAFFOLD SYSTEM.
138	PROVIDE RECEPTACLES FOR TELECOMMUNICATIONS RACK. COORDINATE MOUNTING LOCATIONS WITH TELECOM DRAWINGS.



W0120R23R0003\_FFE-0000

US Army Corps of Engineers  
Louisville District

ARNON MCWHORTER  
PROFESSIONAL ENGINEER  
TEXAS REGISTERED  
ENGINEERING FIRM F-2966

REVISION	DESCRIPTION	DATE
1	REVISED IN ACCORDANCE WITH BID AMENDMENT 001	09-01-2022

DESIGNED BY: A. MCWHORTER	ISSUE DATE: 23 NOVEMBER 2022
DRAWN BY: K. HOGAN	SOLUTION NO.:
CHECKED BY: K. HOGAN	CONTRACT NO.:
SUBMITTED BY: E. OLNESS	DRAWING CODE:
FILE NAME: ANSI D 2234	SIZE: SX:HT 121920:TEP:103

US ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT  
MAXWELL AIR FORCE BASE

JACOBS ENGINEERING GROUP INC.  
7711 JACOBS BLVD  
JACOBS No. 1428513

MAXWELL AIR FORCE BASE, ALABAMA REPAIR AIRCRAFT MAINTENANCE B1455 FOR MH-139 PROJECT NUMBER: PNGS21B1455, P2#: 496395	PARTIAL POWER PLAN - LEVEL 1 - AREA B
---	---------------------------------------

SHEET ID <b>B1455</b> <b>EP103</b>	CERTIFIED FINAL DESIGN
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# FURNITURE, FIXTURES & EQUIPMENT COLOR/SAMPLE BOARDS

PROJECT: REPAIR AIRCRAFT MAINTENANCE – B1455 FOR MH-139  
MAXWELL AIR FORCE BASE, ALABAMA  
PROJECT NUMBER: PNQS21B1455, P2#: 496395

## OPEN OFFICE



**WS1 WORKSTATION, L-SHAPED**  
**WS2 WORKSTATION, BENCHING**  
*KIMBALL NARRATE/FOOTPRINT*  
WORKSURFACES: SABLE  
PANELS: MOMENTUM – UNIVERSE, WHITECAP  
STORAGE/SUPPORTS: PLATINUM METALLIC



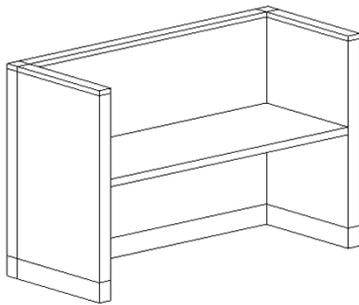
**SABLE**



**CH1 CHAIR, TASK / TRAINING**  
*KIMBALL JOYA*  
SEAT: MAHARAM – MANNER, SMOKY  
BACK: BRISA, WISHBONE  
BASE: POLISHED ALUMINUM



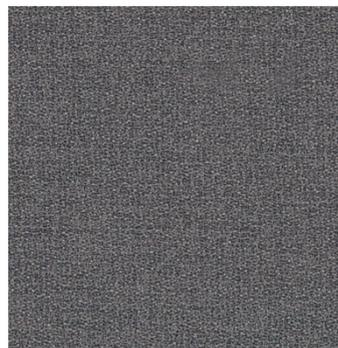
**UNIVERSE, WHITECAP**



**PLATINUM METALLIC**



**ST1 STORAGE, CABINET**  
**ST3 STORAGE, LATERAL FILE 2H**  
*KIMBALL*  
*FUNDAMENTAL FILES*  
FINISH: PLATINUM METALLIC  
COMMON TOP: SABLE (ST3 ONLY)



**MANNER, SMOKY**



**BRISA, WISHBONE**

**FF&E-1**

# FURNITURE, FIXTURES & EQUIPMENT COLOR/SAMPLE BOARDS

PROJECT: REPAIR AIRCRAFT MAINTENANCE – B1455 FOR MH-139  
MAXWELL AIR FORCE BASE, ALABAMA  
PROJECT NUMBER: PNQS21B1455, P2#: 496395

## PRIVATE OFFICE

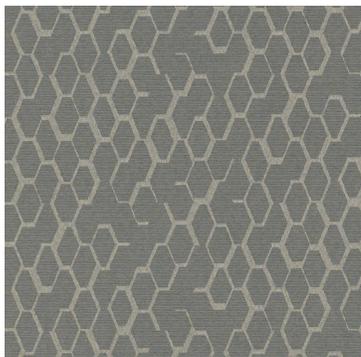


**SABLE**



**UNIVERSE, WHITECAP**

**D1 DESK, L-SHAPED**  
**D3 DESK, 5'-0"**  
*KIMBALL DEFINITION*  
WORKSURFACES: SABLE  
TACKBOARD: MOMENTUM –  
UNIVERSE, WHITECAP  
STORAGE INTERIORS: PLATINUM  
METALLIC



**CHARLOTTE, TUNGSTEN**



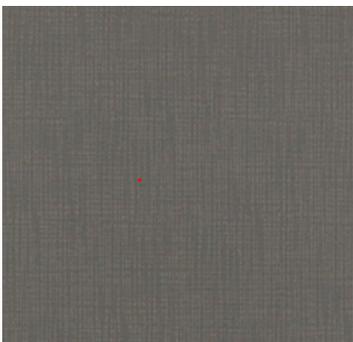
**PLATINUM METALLIC**



**CH3 CHAIR, GUEST**  
*KIMBALL JOYA SIDE CHAIR*  
SEAT/BACK: STINSON – CHARLOTTE,  
TUNGSTEN  
FRAME: CHROME



**CH1 CHAIR, TASK (PRIVATE OFFICE)**  
*KIMBALL*  
*JOYA UPHOLSTERED BACK*  
SEAT/BACK: MOMENTUM – SILICA  
ETCH, SLATE  
BASE: POLISHED ALUMINUM



**SILICA ETCH, SLATE**



**POLISHED ALUMINUM**

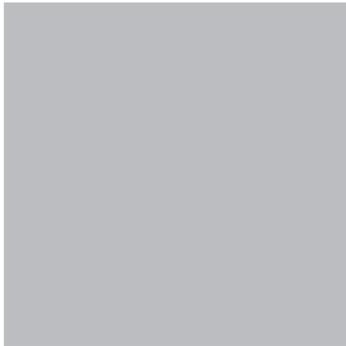
# FURNITURE, FIXTURES & EQUIPMENT COLOR/SAMPLE BOARDS

PROJECT: REPAIR AIRCRAFT MAINTENANCE – B1455 FOR MH-139  
MAXWELL AIR FORCE BASE, ALABAMA  
PROJECT NUMBER: PNQS21B1455, P2#: 496395

## CLASSROOM / MULTI-PURPOSE



**PINNACLE WALNUT**



**SILVER/ALUMINUM**



**BLACK FAUX LEATHER**



**POLISHED ALUMINUM**



**T1 TABLE, CONFERENCE 10'-0"**  
*ENWORK FOUNDATIONS*  
TOP/BASE: PINNACLE WALNUT  
POWER UNIT/BASE TRIM: ALUMINUM



**D2 FACILITATOR'S STAND W/ CASTER KIT**  
**T2 TABLE, TRAINING 6'-0"**  
**T3 TABLE, TRAINING 5'-0"**  
*ENWORK ZORI MONITOR LIFT & TRAINING TABLE*  
TABLETOP: WILSONART – PINNACLE WALNUT  
LEGS/TRIM: SILVER



**CH2 CHAIR, CONFERENCE**  
**CH5 CHAIR, MIDBACK CONFERENCE**  
*KIMBALL*  
*NILES MID-BACK CONFERENCE*  
SEAT/BACK: BRISA, WISHBONE  
ARMS/BASE: POLISHED ALUMINUM

# FURNITURE, FIXTURES & EQUIPMENT COLOR/SAMPLE BOARDS

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## BREAKROOM & WELLNESS

**T4 TABLE, DINING**  
**T7 TABLE, WORK AREA**  
*NATIONAL OFFICE FURNITURE UNIVERSAL TABLE*  
TABLETOP: WHITE TIGRIS (T4); SABLE (T7)  
LEGS: PLATINUM METALLIC



**WHITE TIGRIS**



**PLATINUM METALLIC**

**CH4 CHAIR, BREAKROOM**  
*KIMBALL POLY*  
SEAT/BACK: CHARCOAL CH  
BASE: CHROME



**CHARCOAL CH**

**T5 TABLE, OCCASIONAL - SQUARE**  
*NATIONAL OFFICE FURNITURE RENO END TABLE*  
TABLETOP: SABLE  
LEGS: PLATINUM METALLIC



**SABLE**



**CHROME**

**CH8 LOUNGE CHAIR**  
*NATIONAL OFFICE FURNITURE COLLETTE LOUNGE*  
SEAT/BACK: MOMENTUM – SILICA ETCH, SLATE  
LEGS: SABLE



**SILICA ETCH, SLATE**

# FURNITURE, FIXTURES & EQUIPMENT COLOR/SAMPLE BOARDS

PROJECT: REPAIR AIRCRAFT MAINTENANCE – B1455 FOR MH-139  
MAXWELL AIR FORCE BASE, ALABAMA  
PROJECT NUMBER: PNQS21B1455, P2#: 496395

## MISCELLANEOUS

### CH6 TASK STOOL

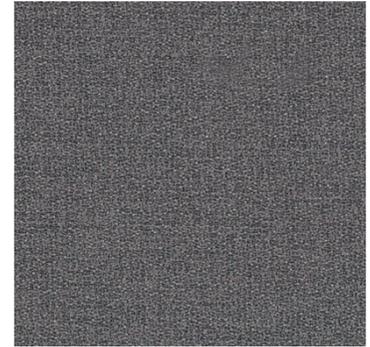
*KIMBALL*

*JOYA HIGH-TASK STOOL*

SEAT: MAHARAM – MANNER, SMOKY

BACK: BRISA WISHBONE

BASE: POLISHED ALUMINUM



**MANNER, SMOKY**



**PLATINUM METALLIC**



### T6 TABLE, OCCASIONAL - RECTANGLE

*NATIONAL OFFICE FURNITURE RENO*

*COFFEE TABLE*

TOP: SABLE

LEGS: PLATINUM METALLIC



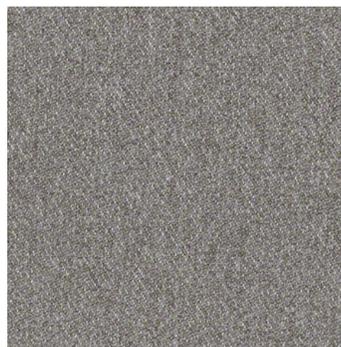
**BRISA WISHBONE**



**SABLE/S-W972**



**POLISHED ALUMINUM**



**OUTLANDER, FLANNEL**



### D4 DESK, RECEPTION

*KIMBALL DEFINITION*

PANELS/WORKSURFACES: SABLE

TACKBOARD: MOMENTUM – UNIVERSE, WHITECAP

STORAGE INTERIORS: PLATINUM METALLIC