

**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 (WPT).
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.

**AREA B KEY PLAN**

**GRAPHIC SCALE**

8 6 4 2 0 8 16

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

PLAN NORTH

**US Army Corps of Engineers**  
Louisville District ®

STATE OF TEXAS  
AARON MCWHORTER  
100310  
EXPIRATION DATE: 12 AUG 2022  
TEXAS REGISTERED ENGINEERING FIRM F-2966

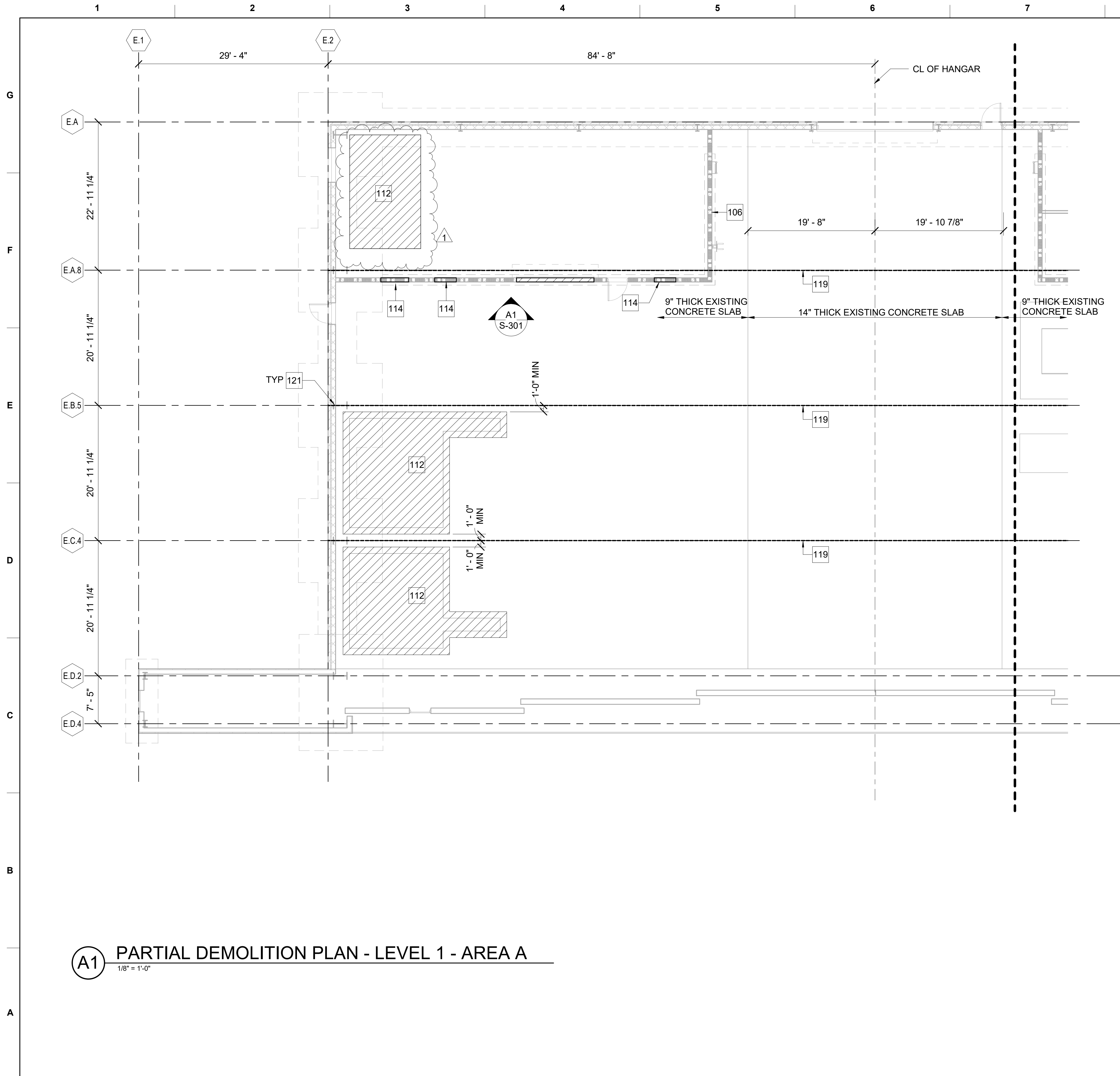
DESIGNED BY: A. MCWHORTER	ISSUE DATE: 12 AUG 2022
DRAWN BY: K. HOGAN	SOLICITATION NO.:
CHECKED BY: E. QUINN	CONTRACT NO.:
SUBMITTED BY: E. QUINN	DRAWING CODE:
SIZE: ANSI D 22x34	FILE NAME: SXHT219201EP103

US ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT  
MAXWELL AIR FORCE BASE

**Jacobs**  
JACOBS ENGINEERING GROUP INC.  
1771 JACOBSON BLVD  
JACOBS No. 1828515

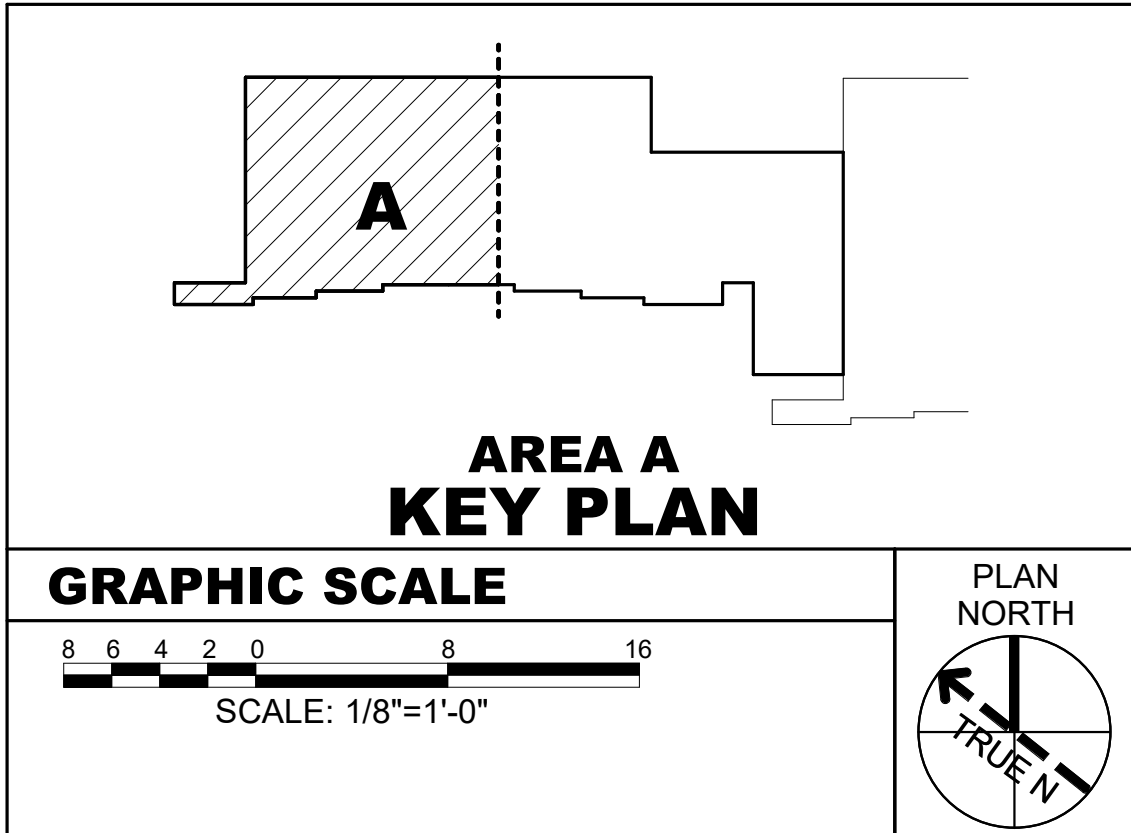
MAXWELL AIR FORCE BASE, ALABAMA  
REPAIR AIRCRAFT MAINTENANCE B1455 FOR MH-109  
PROJECT NUMBER: PNGS21B1455, P2#: 496395  
PARTIAL POWER PLAN - LEVEL 1 - AREA B


SHEET ID  
B1455  
EP103




SHEET NOTES - DEMOLITION PLAN	
A	FIELD VERIFY EXISTING DIMENSIONS, MEMBER SIZES, ELEVATIONS AND OTHER CONDITIONS. NOTIFY CONTRACTING OFFICER OF ANY DISCREPANCIES TO RECEIVE REVISED RECOMMENDATIONS.
B	VERIFY LOCATIONS OF ALL UNDERGROUND AND ABOVE GROUND UTILITIES PRIOR TO START OF CONSTRUCTION. REPAIR, REROUTE, OR REPLACE UTILITIES AS REQUIRED TO PERFORM NEW CONSTRUCTION.
C	INSTALL REINFORCING CHANNELS AROUND NEW OPENINGS PRIOR TO ENLARGING OPENINGS. RE: WALL ELEVATIONS.

KEYNOTES	
106	EXISTING MASONRY WALL
112	SAWCUT AND REMOVE EXISTING SLAB FOR NEW CONCRETE FOOTING
114	NEW OPENING IN EXISTING CMU WALL REFER TO ELEVATION
119	EXISTING TENSION ROD ENCASMENT. MUST REMAIN UNDISTURBED. PROCEED WITH EXTREME CAUTION WHEN CUTTING EXISTING SLAB NEAR GRID LINES E.A.8, E.B.5 & E.C.4 TO AVOID EXISTING TENSION RODS AND ENCASMENT. DO NOT CUT WITHIN 12" EITHER SIDE OF THESE GRID LINES.
121	EXISTING STEEL COLUMN





**US Army Corps of Engineers**  
Louisville District ®



12 AUG 2022

1	AMENDMENT #1	DATE
	MARK	DESCRIPTION

DESIGNED BY: A. BANNEROT	ISSUE DATE: 23 NOVEMBER 2022
DRAWN BY: A. SAVOIE	SOLICITATION NO.:
CHECKED BY: E. OLNESS	CONTRACT NO.:
SUBMITTED BY:	DRAWING CODE:
FILE NAME: ISXHTZ19201SD102	SIZE:

US ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT  
MAXWELL AIR FORCE BASE

**Jacobs**  
JACOBS ENGINEERING GROUP INC.  
1711 JACOBS BLVD  
JACOBS No. 1828515

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

SHEET ID B1455 SD102
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SHEET OF


CERTIFIED FINAL DESIGN






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

GENERAL NOTES - TELECOM	
A	SEE SHEET T-001 FOR GENERAL NOTES AND SYMBOLS
B	SEE SHEET G-003 FOR ABBREVIATIONS
C	ALL NIPR AND SIPR CABLING WILL ORIGINATE FROM TR 119. ALL COMMERCIAL CABLING WILL ORIGINATE FROM COMMERCIAL CABINETS IN ROOMS 105 AND 201
KEYNOTES	
118	COORDINATE INSTALLATION WITH ELEVATOR CONTRACTOR.
135	EXISTING TR MUST NOT BE USED FOR NEW NIPR CABLING. (TYPICAL FOR UNSECURE AREA).
136	PROVIDE CABLE RACEWAY OUTLET PLATE FOR SYSTEMS FURNITURE. (TYP)
152	DATA OUTLET FOR POWER MONITORING. COORDINATE INSTALLATION AND FINAL LOCATION WITH ELECTRICAL CONTRACTOR.
154	DATA OUTLETS FOR ACCESS CONTROL SYSTEM AND INTRUSION DETECTION SYSTEM. MOUNT AT 6'-0" AFF.



**US Army Corps of Engineers**  
Louisville District ®




**Bicsi**  
Stephen A. Leffler  
BICSID ID #110560  
EXPIRES 12-31-23  
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER  
TEXAS REGISTERED  
ENGINEERING FIRM F-2968

MARK	AMENDMENT #1	DATE
1		06 JAN 23

DESIGNED BY: S. LEFFLER	ISSUE DATE: 23 NOVEMBER 2022
DRAWN BY: C. MEADE	SOLICITATION NO.:
CHECKED BY: E. QUINN	CONTRACT NO.:
SUBMITTED BY: E. QUINN	DRAWING CODE:
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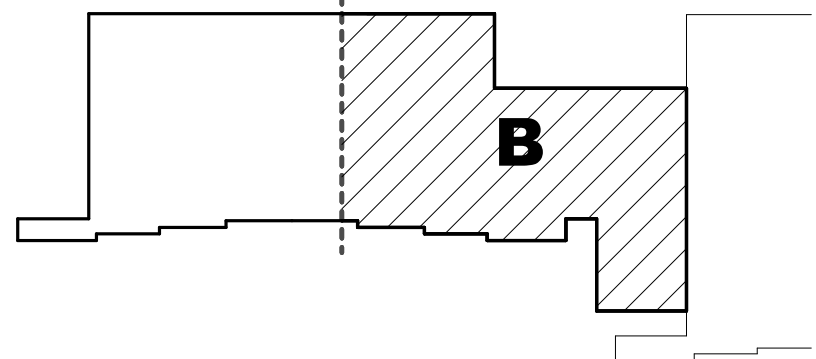
**US ARMY CORPS OF ENGINEERS**  
LOUISVILLE DISTRICT  
MAXWELL AIR FORCE BASE



JACOBS ENGINEERING GROUP INC.  
777 JACOBS BLVD  
JACOBS No. 1828515

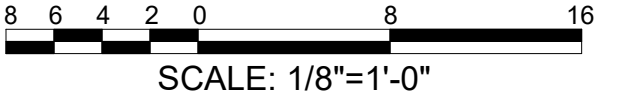
MAXWELL AIR FORCE BASE, ALABAMA  
REPAIR AIRCRAFT MAINTENANCE B1455 FOR MH-139  
PROJECT NUMBER: PNGS21B1455, P2#: 496395  
PARTIAL FLOOR PLAN - LEVEL 1 - AREA B

**SHEET ID**  
B1455  
T-103



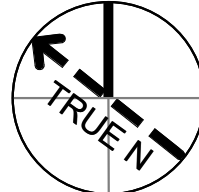
**AREA B  
KEY PLAN**

**GRAPHIC SCALE**



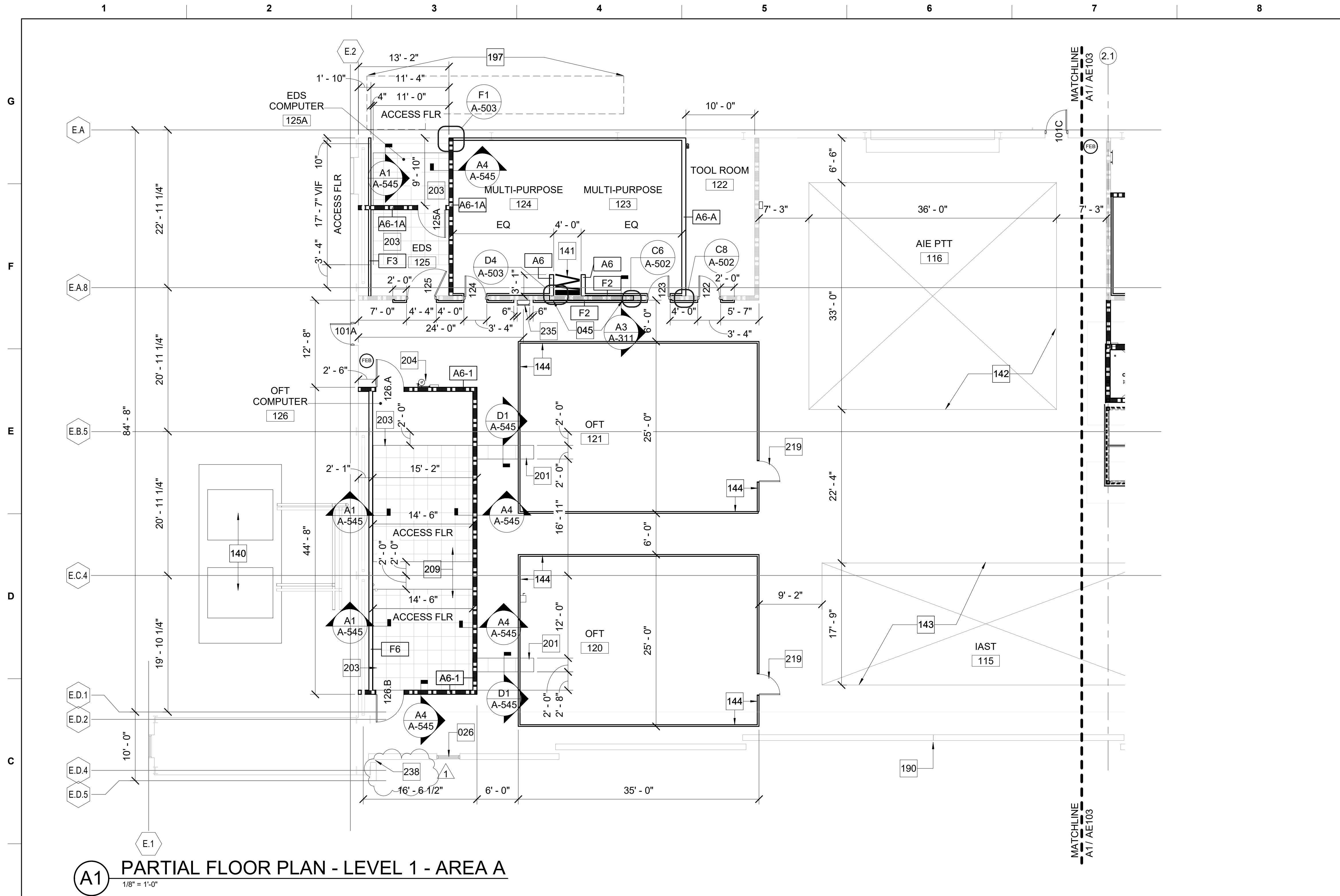
SCALE: 1/8"=1'-0"

PLAN NORTH



TRUE N





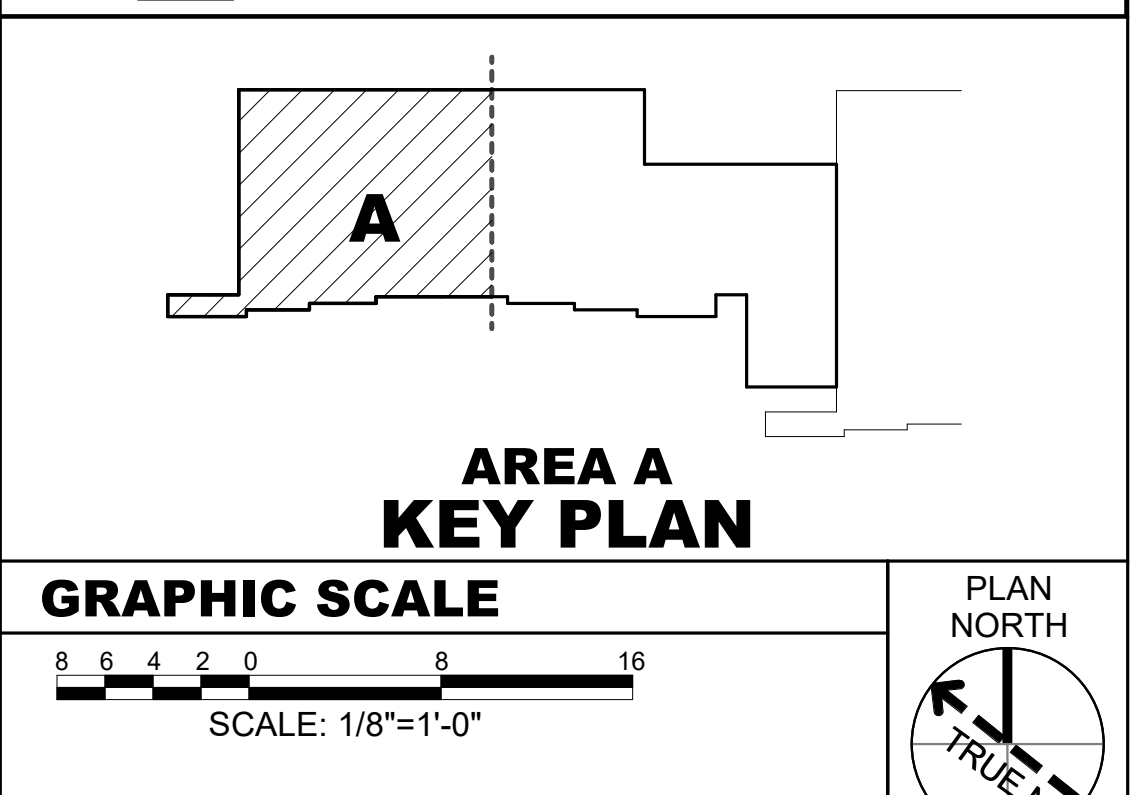
**(A1) PARTIAL FLOOR PLAN - LEVEL 1 - AREA A**  
1/8" = 1'-0"

KEYNOTES	
026	TACK WELD EXISTING DOOR SHUT; REPAINT DOOR FRAME AS REQUIRED TO CONCEAL WELD MARKS
045	REMOVE EXISTING DOOR AND FRAME AND REPLACE WITH NEW WALL INFILL TO MATCH EXISTING WALL ASSEMBLY
140	CHILLER; REFER TO MECHANICAL
141	MANUAL OPERABLE FOLDING PANEL PARTITION; RE: D1/A-510 FOR TRACK DETAIL
142	LINEWORK INDICATES APPROXIMATE BOUNDARY OF ALTERNATE INSERTION EXTRACTION PART TASK TRAINER (AIE-PTT); COORDINATE FINAL LOCATION WITH USACE/GOVERNMENT REPRESENTATIVE
143	LINEWORK INDICATES APPROXIMATE BOUNDARY OF INTEGRATED AIRCREW SYSTEM TRAINER (IAST); COORDINATE FINAL LOCATION WITH USACE/GOVERNMENT REPRESENTATIVE
144	PRE-MANUFACTURED LIGHT TIGHT ENCLOSURE/OFT LIGHT TIGHT ASSEMBLY, GFGI
190	REPLACE EXISTING HANGAR DOOR GASKETING TO PROVIDE WEATHER TIGHT SEAL

KEYNOTES	
197	BID OPTION 1: EXTERIOR STAIR FOR ACCESS TO MECHANICAL MEZZANINE; REFER TO SHEET A-424 FOR ADDITIONAL INFORMATION
201	CONCRETE UTILITY TRENCH WITH REMOVABLE STEEL COVER; COORDINATE FINAL ROUTING OF TRENCH AND ACCESS TO EQUIPMENT WITH USACE/GOVERNMENT REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION OF TRENCHES, INCLUDING THE PURCHASING OF MATERIALS, AS REQUIREMENTS MAY HAVE CHANGED
203	24"x24" RAISED ACCESS FLOORING SYSTEM
204	EMERGENCY EYE WASH; RE: PLUMBING
209	REFER TO TELECOM FOR LAYOUT OF DATA CABINETS
219	DOOR INCLUDED WITH OFT LIGHT TIGHT ENCLOSURE ASSEMBLY
235	RELOCATED MEZZANINE ACCESS LADDER; FASTEN TO CMU WALL SIMILAR TO EXISTING INSTALLATION; PAINT TO MATCH NEW GUARDRAIL SYSTEM
238	REPLACE EXISTING HANGAR DOOR SAFETY EDGE AND PROVIDE NEW SAFETY EDGE

- GENERAL NOTES**
- A PARTITIONS TO BE "A6-A" UNLESS OTHERWISE NOTED. "A6-A" WALL TYPE TO INCLUDE 6" METAL STUD, SOUND ATTENUATION INSULATION (STC 45) AND 1 LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE.
- B DOOR FRAMES ARE LOCATED 6" FROM FACE OF FINISH ON ADJACENT PERPENDICULAR WALL U.O.N.; EXCEPT IN THE CASE OF CORRIDORS WHERE THE DOOR IS CENTERED WITHIN THE END WALL OF CORRIDOR OR VESTIBULE
- C PROVIDE STUD INFILL AND PAINTED GYPSUM BOARD FINISH AT ALL EXTERIOR WALLS IN ADMINISTRATION AREAS
- D EXTERIOR FINISHES AT AREAS OF NEW CONSTRUCTION ARE TO MATCH THE EXISTING FINISHES; CONTACT 42 CES FOR ADDITIONAL INFORMATION
- E ALL OF THE METAL DECK AND STEEL STRUCTURE ON THE EAST SIDE OF THE EXISTING HANGAR AREA THAT SUPPORT THE NEW LEVEL 2 FLOOR SLAB ARE TO BE FIRE RATED. WITHIN THIS AREA, ALL CONCEALED STRUCTURAL BEAM AND METAL DECKING ARE TO HAVE SPRAY APPLIED CEMENTITIOUS FIREPROOFING AND ALL EXPOSED STRUCTURAL STEEL BEAM AND METAL DECKING ARE TO HAVE INTUMESCENT EPOXY FIRE PROTECTIVE COATING.
- F ALL OF THE METAL DECKING AND STEEL STRUCTURE SUPPORTING THE MECHANICAL MEZZANINE IS TO HAVE SPRAY APPLIED CEMENTITIOUS FIREPROOFING
- G FIRE RATING OF THE LEVEL 2 FLOOR STRUCTURE AS NOTED IN GENERAL NOTES E AND F ARE TO HAVE A TESTED AND APPROVED RATING THAT MATCHES THE FIRE RATING OF THE WALLS ENCLOSING THIS AREA PER NFPA 101 AND TSFPEWG
- H PROVIDE FIRE RETARDANT BLOCKING WITHIN WALLS FOR THE SECURE ATTACHMENT OF ALL WALL MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO: TOILET ACCESSORIES, GRAB BARS, FLAT PANEL DISPLAYS, VISUAL DISPLAYS / MARKER BOARDS, HANDRAILING, SHELVING, AND SUPPORTS AS REQUIRED.

- LEGEND**
- NEW 1 HOUR FIRE RATED PARTITION
- EXISTING 1 HOUR FIRE RATED PARTITION
- GLAZING TYPE; RE: A-575
- PARTITION TYPE; RE: A-570



MARK	DESCRIPTION
1	AMENDMENT 0001
1	01/27/2023 DATE

DESIGNED BY: J. PERRY	ISSUE DATE: 23 NOVEMBER 2022
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US ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT  
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MAXWELL AIR FORCE BASE, ALABAMA REPAIR AIRCRAFT MAINTENANCE B1455 FOR MH-109 PROJECT NUMBER: PNGS21B1455, P2#: 496395 PARTIAL FLOOR PLAN - LEVEL 1 - AREA A
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SHEET ID B1455 AE102
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