

**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.

**AREA B KEY PLAN**

**GRAPHIC SCALE**

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

PLAN NORTH

**US Army Corps of Engineers**  
Louisville District

DATE	DESCRIPTION
01-06-2023	1 AMENDMENT #1

DESIGNED BY: A. MCWHORTER  
 DRAWN BY: J. FOWLER  
 CHECKED BY: K. HOGAN  
 SUBMITTED BY: E. O. NESS

ISSUE DATE: 12 AUG 2022  
 SOLICITATION NO.:  
 CONTRACT NO.:  
 DRAWING CODE:  
 FILE NAME: SXHT21920TEP103  
 SIZE: ANSIT 22x34

US ARMY CORPS OF ENGINEERS  
 LOUISVILLE DISTRICT  
 MAXWELL AIR FORCE BASE

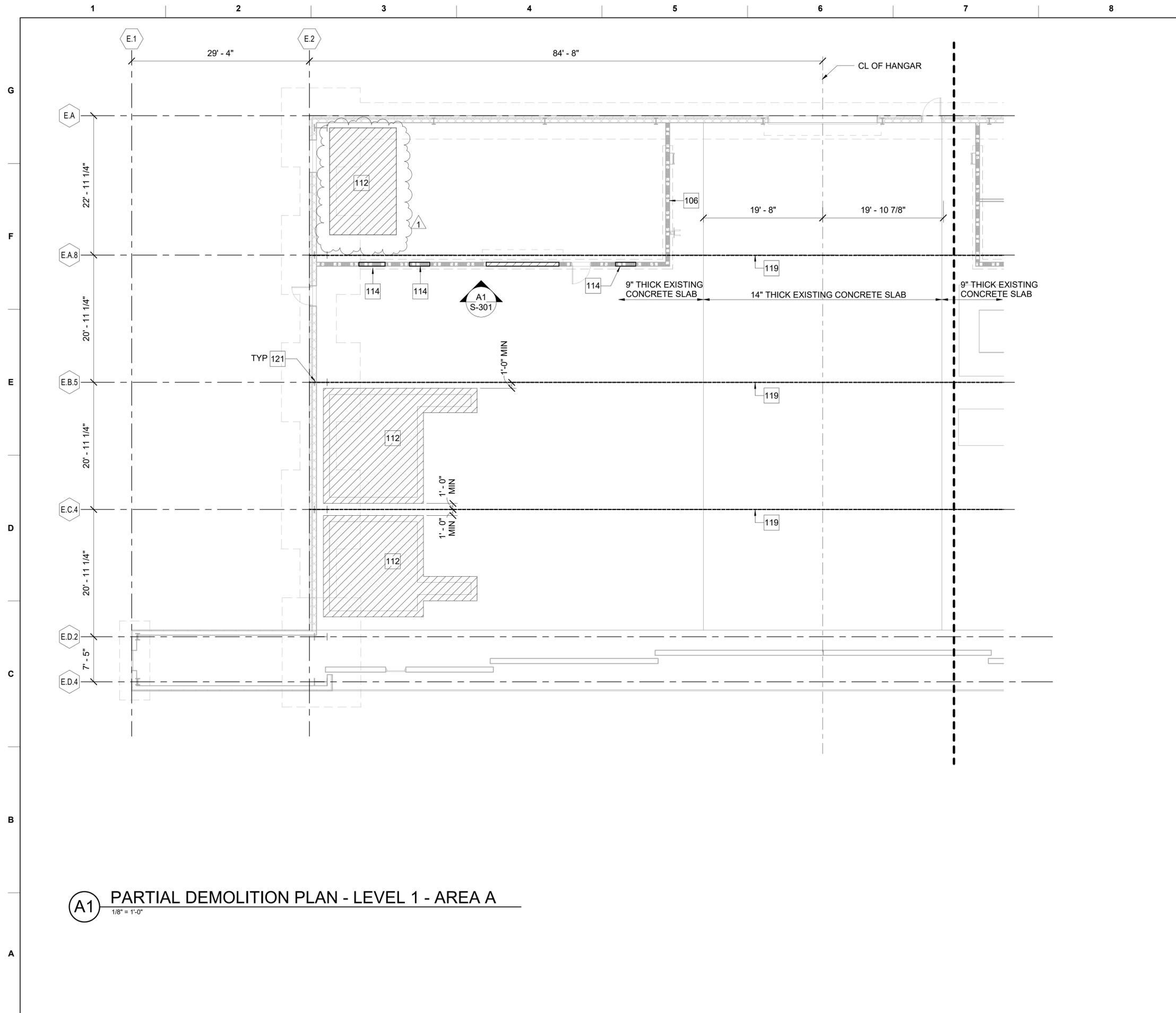
JACOBS ENGINEERING GROUP INC.  
 7711 JACOBS BLVD  
 HOUSTON, TX 77055

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  
**B1455**  
**EP103**

W912QR23R0003\_Plans\_0001



**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 ENCASEMENT. 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 ENCASEMENT. DO NOT CUT WITHIN 12" EITHER SIDE OF THESE GRID LINES.
121	EXISTING STEEL COLUMN

MARK	AMENDMENT #1	DATE	DESCRIPTION
1		27 JAN 23	

DESIGNED BY: A. BANNEROT	ISSUE DATE: 23 NOVEMBER 2022
DRAWN BY: A. BANNEROT	SOLICITATION NO.:
CHECKED BY: A. SAVOIE	CONTRACT NO.:
SUBMITTED BY: E. OLNESS	DRAWING CODE:
SIZE: ANSI D 22x34	FILE NAME: SXHT219201SD102

US ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT  
MAXWELL AIR FORCE BASE

**Jacobs**  
JACOBS ENGINEERING GROUP, INC.  
7711 JACOBS BLVD.  
JACOBS No. BR200510

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

**AREA A KEY PLAN**

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

PLAN NORTH  
TRUE N

SHEET ID  
B1455  
SD102

**A1 PARTIAL DEMOLITION PLAN - LEVEL 1 - AREA A**  
1/8" = 1'-0"



MARK	AMENDMENT #1	DATE	DESCRIPTION
1		27 JAN 23	

DESIGNED BY: A. BANNEROT	ISSUE DATE: 23 NOVEMBER 2022
DRAWN BY: A. BANNEROT	SOLICITATION NO.:
CHECKED BY: A. SAVOIE	CONTRACT NO.:
SUBMITTED BY: E. OLNESS	DRAWING CODE:
SIZE: ANSI D 22x34	FILE NAME: SXHT219201SD102

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PARTIAL DEMOLITION - LEVEL 1 - AREA A

**AREA A KEY PLAN**

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

PLAN NORTH  
TRUE N

SHEET ID  
B1455  
SD102

W912QR23R0003\_Plans\_0001



**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.



AMENDMENT #1	MARK	DESCRIPTION
1		

DESIGNED BY: S. LEFFLER	ISSUE DATE: 23 NOVEMBER 2022
CHECKED BY: C. MEADE	SOLICITATION NO.:
SUBMITTED BY: E. OLNESS	CONTRACT NO.:
FILE NAME: SX-HIT21920TT-103	DRAWING CODE:

US ARMY CORPS OF ENGINEERS  
 LOUISVILLE DISTRICT  
 MAXWELL AIR FORCE BASE  
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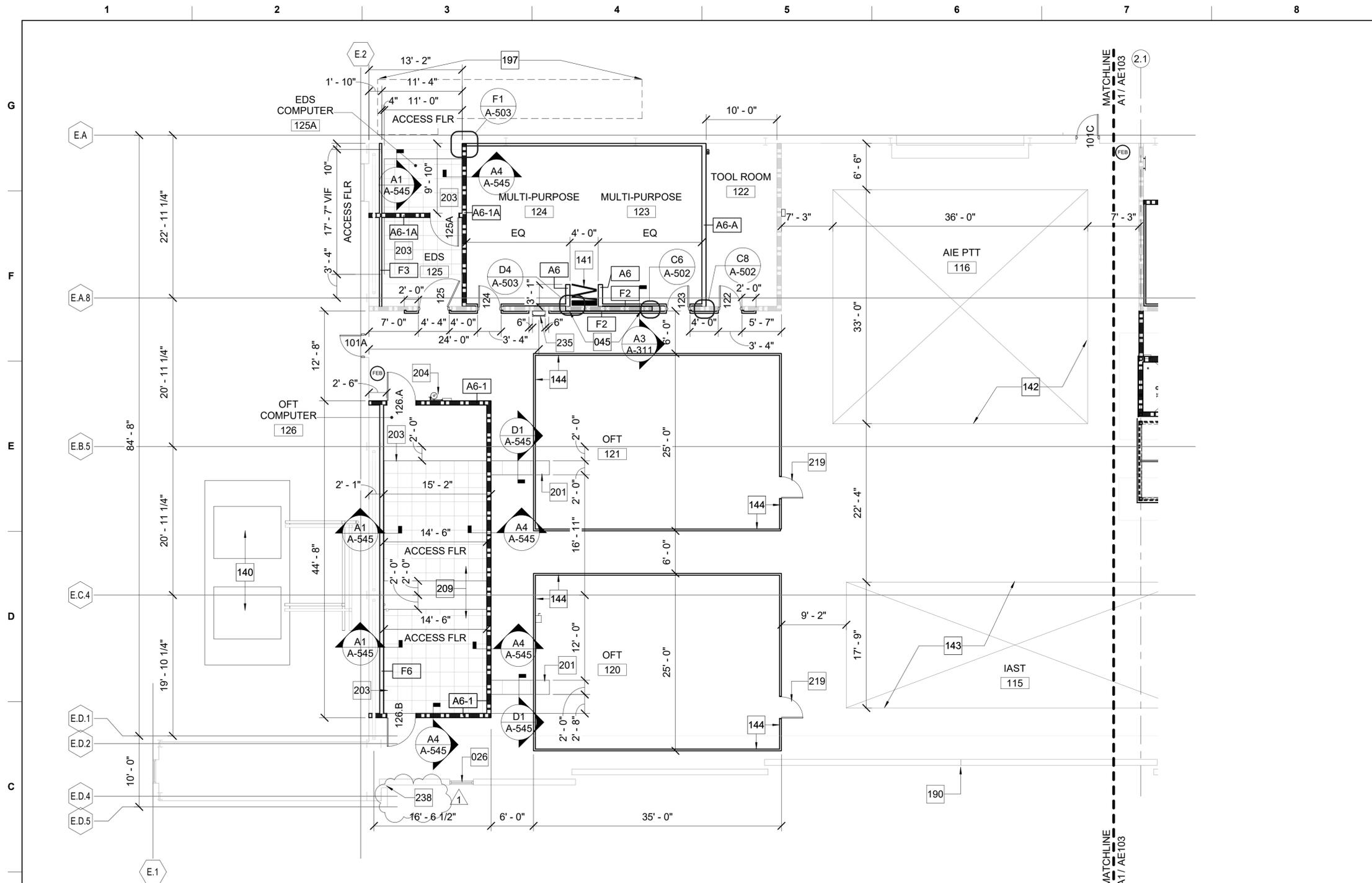
MAXWELL AIR FORCE BASE, ALABAMA  
 REPAIR AIRCRAFT MAINTENANCE B1455 FOR MH-139  
 PROJECT NUMBER: PNGS21B1455, PZ#: 496395  
 PARTIAL FLOOR PLAN - LEVEL 1 - AREA B

**AREA B KEY PLAN**

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

PLAN NORTH

W912QR23R0003\_Plans\_0001



- ### 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.

**US Army Corps of Engineers**  
Louisville District

1 AUG 2022  
TEXAS REGISTERED ENGINEERING FIRM F-2966

MARK	DESCRIPTION	DATE
1	AMENDMENT 0001	01/27/2023

### LEGEND

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



**GRAPHIC SCALE**

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

PLAN NORTH

**SHEET ID**  
B1455  
AE102

**(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	LINWORK INDICATES APPROXIMATE BOUNDARY OF ALTERNATE INSERTION EXTRACTION PART TASK TRAINER (AIE-PTT); COORDINATE FINAL LOCATION WITH USACE/GOVERNMENT REPRESENTATIVE
143	LINWORK 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

DESIGNED BY:	J. PERRY	ISSUE DATE:	23 NOVEMBER 2022
DRAWN BY:	D. WAINWRIGHT	SOLICITATION NO.:	
CHECKED BY:	M. HOLLER	CONTRACT NO.:	
SUBMITTED BY:	E. O'NESS	DRAWING CODE:	
SIZE:	ANSI D 22x34	FILE NAME:	ISXHT21920/AE102

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