



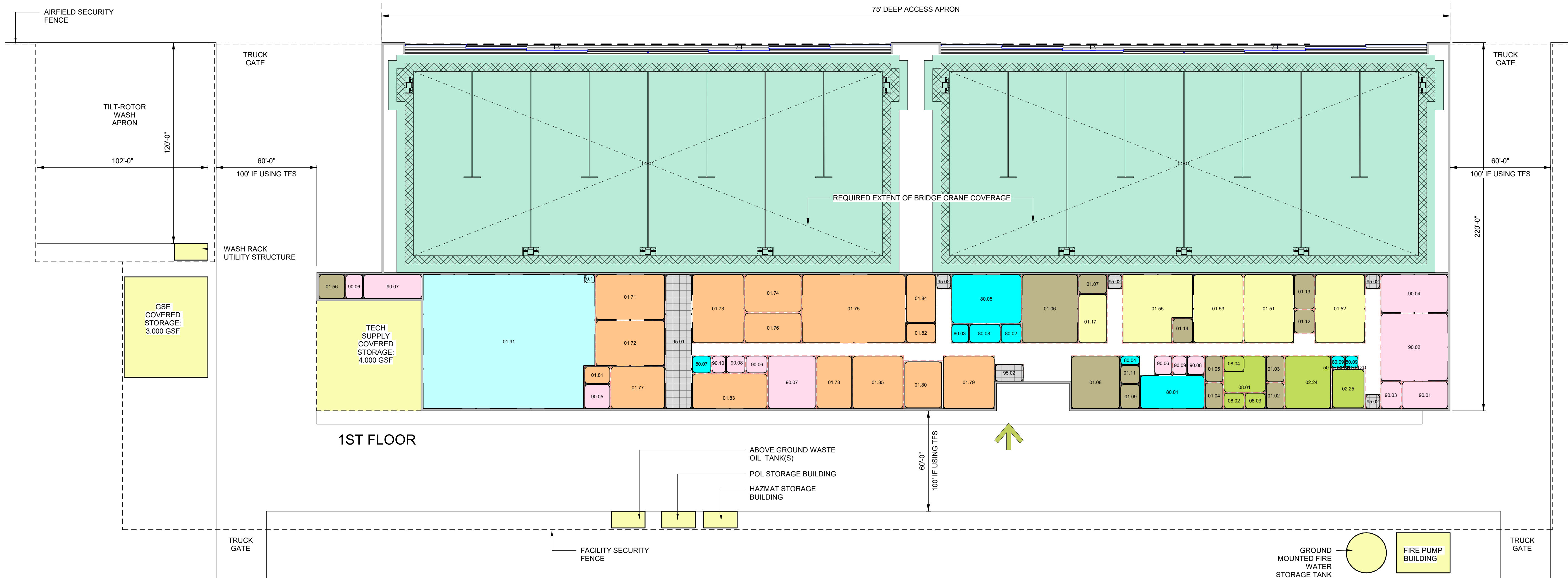
<b>FA01 MAINTENANCE OPERATIONS</b>		<b>FA01D COMPONENT REPAIR SHOPS</b>		<b>FA03 NET-TO-GROSS AREA</b>	
<b>FA01A MAINTENANCE BAY</b>		<b>FA03A COMMON AREAS</b>		<b>FA03B BUILDING SUPPORT</b>	
01.01	MAINTENANCE MODULES (BAY01)	01.71	POWER PLANT SHOP (SHPWP)	80.01	BREAK ROOM (SLCOM)
<b>FA01B SHOP ADMIN</b>		01.72	POWER TRAIN SHOP (SHPWT)	80.02	LACTATION (SLLAC)
01.02	AIRF RPR HQ (OFA02)	01.73	STRUCTURAL REPAIR SHOP (SHSTR)	80.03	JAN (JANCI)
01.03	COMP RPR HQ (OFA02)	01.74	COMPOSITE SHOP (SHCOM)	80.04	RECYCLE (CORR1)
01.04	AVIO RPR HQ (OFA02)	01.75	BLADE SHOP (SHBLA)	80.05	LATRINES / SHOWERS (LATR1, SHWR1)
01.05	ARMT RPR HQ (OFA02)	01.76	PPE SUITE (PPES1, PPES2, COOR3)	80.07	TLT/SHWR (TLTS1)
01.06	QC WORKROOM (WRPQC)	01.77	PNEUDRULICS REPAIR SHOP (SHPNE)	80.08	FAC STOR (UCGEN)
01.07	QC OFFICE (OFA02)	01.78	ELECTRICAL REPAIR SHOP (SHEAV)	80.09	TLT (TLTU1)
01.08	PC WORKROOM (WRPQC)	01.79	AVIONICS REPAIR SHOP (SHEAV)	<b>FA03C CIRCULATION</b>	
01.09	PC OFFICE (OFA02)	01.80	AIRCRAFT MOUNTED SYSTEMS VAULT (VALT2)	95.01	SERVICE CORR (CORR5)
01.11	LIS SERVER (ITLS1)	01.81	NDI (SHNDI)	95.02	VEST (CORR1, CORR2)
01.12	H-47 SUPER (OFA02)	01.82	NVG REPAIR SHOP (SHNVG)	<b>FA03D VERTICAL CIRCULATION</b>	
01.13	H-60 SUPER (OFA02)	01.83	MACHINE / WELDING REPAIR SHOP (SHWEL)		
01.14	H-64 SUPER (OFA02)	01.84	GROUND COMMUNICATIONS REPAIR SHOP (SHGND)		
01.17	MAINTENANCE TEST PILOT WORKROOM (OFA04)	01.85	SYSTEMS / ARMAMENT REPAIR SHOP (SHSYS)		
<b>FA01C MAINTENANCE SUPPORT</b>		<b>FA01E AIRCRAFT PARTS STORAGE</b>			
01.51	H-47 REPAIR SECTION WORKROOM (WRCRW)	01.91	TECH SUPPLY / OFFICE (TECH1, OFTCH)		
01.52	H-60 REPAIR SECTION WORKROOM (WRCRW)	<b>FA02 AVIATION UNIT OPERATIONS</b>			
01.53	H-64 REPAIR SECTION WORKROOM (WRCRW)	<b>FA02C COMPANY HQ</b>			
01.55	SPECIAL TOOLS (TOOL1)	02.24	MAINT CO READINESS MODULE (UCUNI, UCCOM, UCNSS)		
01.56	POL OFFICE (OFA02)	02.25	COMBINED WEAPONS VAULT (VALT1)		
		<b>FA02C COMPANY OPERATIONS ADMIN MODULE</b>			
		08.01	TRAINING OFFICE / ORDERLY (WRORD)		
		08.02	COMMANDER (OFA01)		
		08.03	1ST SERGEANT (OFA01)		
		08.04	SAFETY (OFA01)		

**NOTES:**

- THE ARMY STANDARDS FOR AVIATION MAINTENANCE HANGAR COMPLEX ARE FINAL AUTHORITY ON TOTAL ALLOWABLE GROSS SQUARE FOOTAGE OF FACILITY. COORDINATE WITH COS TO DETERMINE THIS ALLOWANCE BASED ON ARMY STANDARDS AND SPECIFIC ORGANIZATION MANNING DOCUMENT (TOE, TDA).
- NOTIONAL ADJACENCY DIAGRAM QUANTITY OF 8 AIRCRAFT MODULES IS USED FOR ILLUSTRATIVE PURPOSES ONLY. ORGANIZATION-ASSIGNED AIRCRAFT AND PERSONNEL WILL IMPACT TOTAL FACILITY SIZE AND SPACE PROGRAM.
- DIAGRAM ILLUSTRATES TYPICAL SPACES REQUIRED FOR ROTARY WING / TILT-ROTOR FLIGHT ORGANIZATIONS. FOR FIXED WING FLIGHT ORGANIZATIONS, VALIDATE PROGRAM WITH COS.

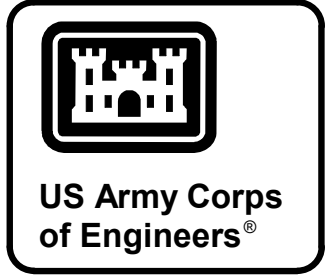
**FUNCTIONAL AREA LEGEND:**

- FA01A AIRCRAFT MAINTENANCE BAY
- FA01B SHOP ADMIN
- FA01C MAINTENANCE SUPPORT
- FA01D COMPONENT REPAIR SHOPS
- FA01E AIRCRAFT PARTS STORAGE
- FA02A MEDEVAC
- FA02B FLIGHT OPS
- FA02C COMPANY HQ
- FA03A COMMON AREAS
- FA03B BUILDING SUPPORT
- FA03C CIRCULATION
- FA03D VERTICAL CIRCULATION



**STANDARD DESIGN PROGRAM / ADJACENCY DIAGRAM**  
 1  
 1/32" = 1'-0"

# TOE MAINTENANCE ORGANIZATION



DATE	
DESCRIPTION	
MARK	

ISSUE DATE:	JUNE 2026
SOLICITATION NO.:	
DESIGNED BY:	BUSH
DRAWN BY:	BUSH
CHECKED BY:	BUSH
CONTRACT NO.:	
SUBMITTED BY:	
PROJECT NUMBER:	
FILE NAME:	
ANSI D	

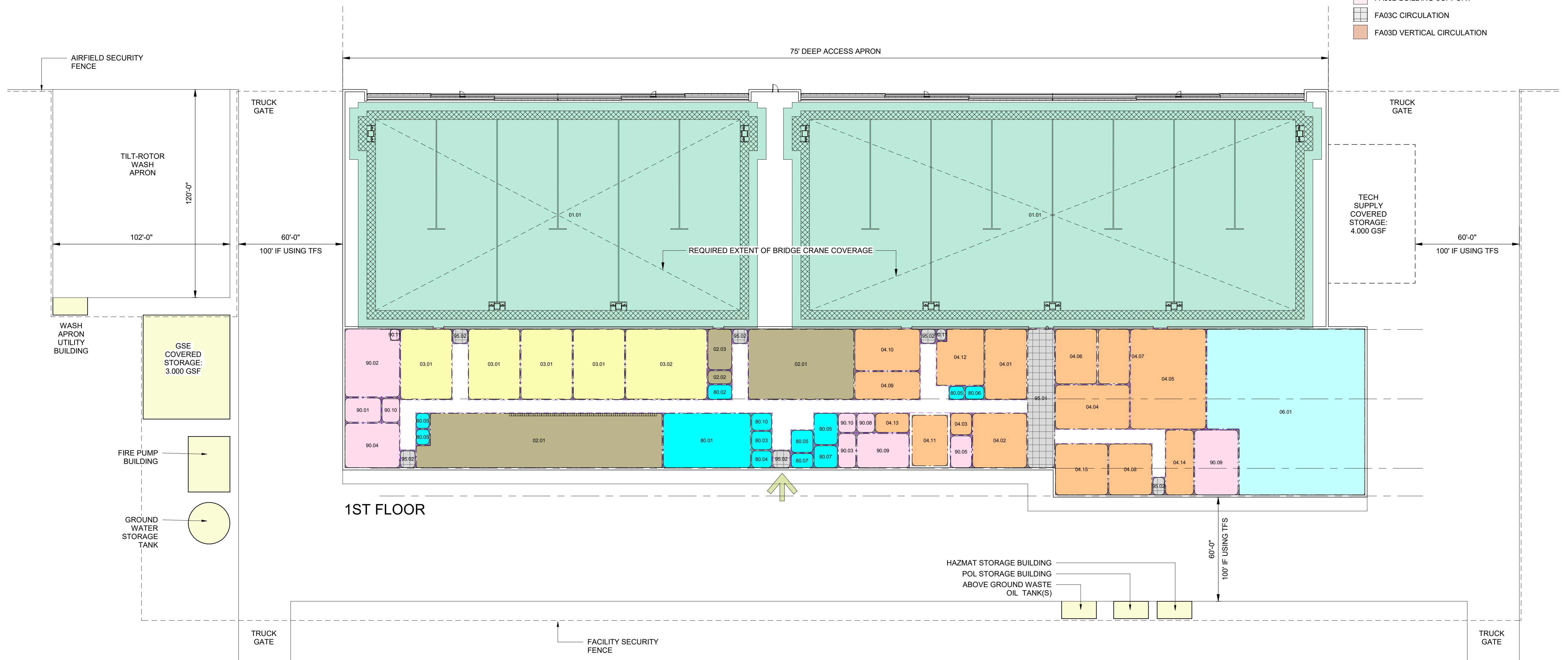
U.S. ARMY CORPS OF ENGINEERS  
 STANDARD DESIGN PROGRAM / ADJACENCY DIAGRAM

FA01 MAINTENANCE OPERATIONS		FA01F TECH SUPPLY	
FA01A MAINTENANCE BAY		06.01 TECH SUPPLY WAREHOUSE / OFFICE (TECH1, OFTCH)	
01.01	MAINTENANCE MODULES (BAY01)	FA03 NET-TO-GROSS AREA	
FA01B SHOP ADMIN		FA03A COMMON AREA	
02.01	SHOP ADMIN (WRPQC)	80.01	BREAK ROOM (SLCOM)
02.02	LIS SERVER ROOM (ITLS1)	80.02	LACTATION ROOM (SLLAC)
02.03	MAINTENANCE TEST PILOT OFFICE (OFA04)	80.03	JANITOR (JANC1)
FA01C MAINTENANCE SUPPORT		80.04	RECYCLEABLE STORAGE (UCGEN)
03.01	AIRFRAME REPAIR WORKROOM (WRCRW)	80.05	LATRINE (LATR1)
03.02	SPECIAL TOOLS (TOOL1)	80.06	TLT/SHWR (TLTS1)
FA01D COMPONENT REPAIR SHOPS		80.07	SHOWER (SHWR1)
04.01	POWER PLANT SHOP (SHPWP)	80.10	VENDING (CORR1)
04.02	POWER TRAIN SHOP (SHPWT)	FA03B BUILDING SUPPORT	
04.03	NDI TESTING (SHNDI)	90.01	PRIMARY ELECTRICAL (ELEC1)
04.04	STRUCTURAL SHOP (SHSTR)	90.02	PRIMARY MECHANICAL (MECH1)
04.05	BLADE REPAIR SHOP (SHBLA)	90.03	TELECOMM ENTRY (TER) (ITTR)
04.06	COMPOSITE SHOP (SHCOM)	90.04	PRIMARY FIRE SUPPRESSION (FIRE1)
04.07	PPE SUITE (PPES1, PPES2, CORR3)	90.05	COMPRESSOR (MECH3)
04.08	PNEUDRAULICS SHOP (SHPNE)	90.08	BRANCH ELECTRICAL (ELEC2)
04.09	ELECTRICAL SHOP (SHEAV)	90.09	ZONE MECHANICAL (MECH2)
04.10	AVIONICS SHOP (SHEAV)	90.10	TELECOMM (TR) (ITTR1)
04.11	AIRCRAFT MOUNTED SYSTEMS VAULT (VALT2)	90.11	FOAM MIXING (FIRE2)
04.12	SYSTEMS / ARMAMENT SHOP (SYSYS)	FA03C CIRCULATION	
04.13	NVG SHOP (SHNVG)	95.01	SERVICE CORR (CORR5)
04.14	AGSE SHOP (SHGSE)	95.02	VEST (CORR1, CORR2)
04.15	MACHINE / WELDING SHOP (SHWEL)		

NOTES:  
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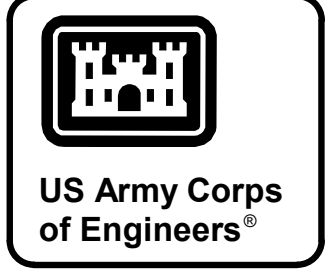
**FUNCTIONAL AREA LEGEND:**

[Light Green Box]	FA01A AIRCRAFT MAINTENANCE BAY
[Light Blue Box]	FA01B SHOP ADMIN
[Light Yellow Box]	FA01C MAINTENANCE SUPPORT
[Light Orange Box]	FA01D COMPONENT REPAIR SHOPS
[Light Cyan Box]	FA01E AIRCRAFT PARTS STORAGE
[Light Purple Box]	FA02A MEDEVAC
[Light Green Box]	FA02B FLIGHT OPS
[Light Yellow Box]	FA02C COMPANY HQ
[Light Blue Box]	FA03A COMMON AREAS
[Light Orange Box]	FA03B BUILDING SUPPORT
[Light Cyan Box]	FA03C CIRCULATION
[Light Purple Box]	FA03D VERTICAL CIRCULATION



1 STANDARD DESIGN PROGRAM / ADJACENCY DIAGRAM  
 1/32" = 1'-0"

# TDA MAINTENANCE ORGANZATION



MARK	DESCRIPTION	DATE

DESIGNED BY: BUSH	ISSUE DATE: JUNE 2026
DRAWN BY: BUSH	SOLICITATION NO.:
CHECKED BY: BUSH	CONTRACT NO.:
SUBMITTED BY: BUSH	PROJECT NUMBER:
SIZE: ANSI D	FILE NAME:

U.S. ARMY CORPS OF ENGINEERS  
 Mobile District  
 109 SAINT JOSEPH STREET  
 MOBILE AL 36602

DEPARTMENT OF THE ARMY  
 FACILITIES STANDARDIZATION PROGRAM  
 AVN-COS TDA STANDARD DESIGN AIRCRAFT  
 MAINTENANCE HANGAR  
 NOTIONAL ADJACENCY DIAGRAM