



BARKSDALE
AIR FORCE BASE
LOUISIANA

APPROVED

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION

	Airfield Manager
	Ground Safety
	Communication Computers
	Bioregional Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Environmental Management
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Engr.

CONTRACTING ORGANIZATION



S. E. Huey Co.
Engineering • Architecture • Surveying
1111 N. 19th ST. MONROE, LA. 71201 PH. 318-325-1791

DESIGN FIRM

JOHN J. GUTH
ASSOCIATES, INC.
MECHANICAL AND
ELECTRICAL
ENGINEERS
208 MILAM STREET
SHREVEPORT, LA
71101

GUTH PROJECT NO. 6648

DESIGNER JPF	PROJECT MANAGER SRP
DRAWER DES	DATE 13 MAR 17

REVISION	BY/DATE

SHEET TITLE
HANGER ONE
(B6604)
ELECTRICAL
SCHEDULES

SHEET
E1
OF
3E

PROJECT TITLE
Repair Hangar Doors
B6604

BARKSDALE AIR FORCE BASE, LA.

PROJECT NO.
BAFB-AWUB 15-0091

DRAWING NO.

FACILITY NO.

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER	CATALOG NO.	LAMP	MTG.	REMARKS
A	HUBBEL	LFS-12L1-1-GR-P1	LED	WALL	COMPACT FLOODLIGHT COMPLETE WITH DIE CAST ALUMINUM HOUSING, LED ARRAY, ELECTRONIC DRIVER, INTEGRAL HEAT SINK AND MOUNTING ACCESSORIES AS REQUIRED, LUMINAIRE SHALL BE UL LISTED FOR WET LOCATIONS.

PANELBOARD SCHEDULE

PANEL	HND	VOLTS	480/277	PHASE	3	WIRES	4	AMPS	125	MAIN	125A	MCB	BUS	AMPS	125	MTG.	SURFACE	
CIRC. NO.	TRIP AMPS	NO. POLES		LOAD SERVED			PHASE LOAD V.A.						LOAD SERVED			CIRC. NO.	TRIP AMPS	NO. POLES
1	40	-		SPARE			A						SPARE			2	40	-
3	-	-		-									-			4	-	-
5	-	3		-									-			6	-	3
7	40	-		SPARE									TROLLEY DUCT			8	30	-
9	-	-		-				4156					-			10	-	-
11	-	3		-						4156			-			12	-	3
13	30	-		TROLLEY DUCT				4156					TROLLEY DUCT			14	30	-
15	-	-		-				4156					-			16	-	-
17	-	3		-						4156			-			18	-	3
19	20	1		DOOR POCKET LTS				150								20		
21	20	1		DOOR POCKET LTS						150						22		
23																24		
25	125	-		MCB												26		
27	-	-		-												28		
29	-	3		-												30		
31																32		
33																34		
35																36		
37																38		
39																40		
41																42		
TOTAL CONNECTED LOAD				37.7	KVA	TOTAL	12620	12620	12470	DEMAND LINE AMPS				45.4				
ESTIMATED DEMAND LOAD				e	KVA													
																		AIC SYMM.

PANELBOARD SCHEDULE

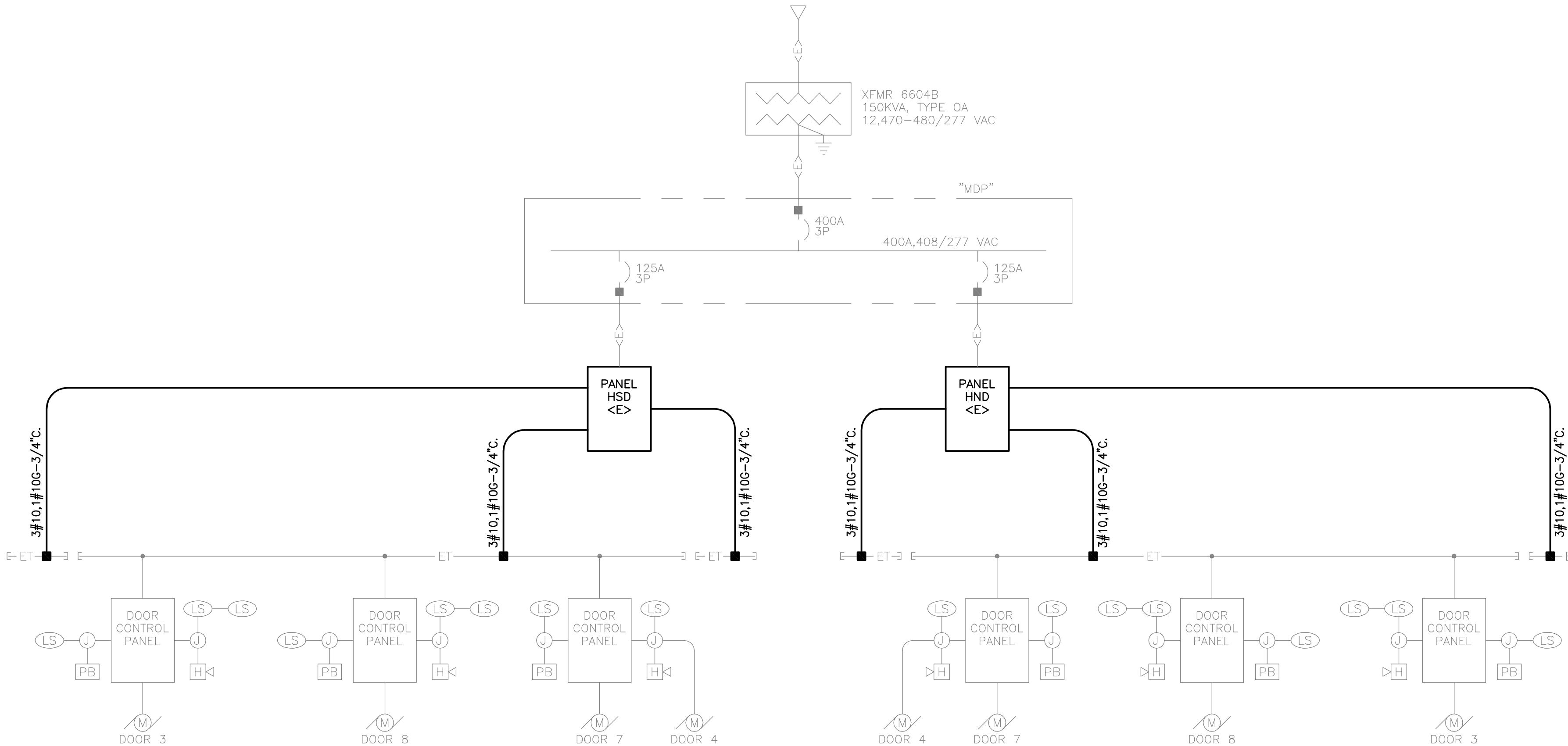
PANEL	HSD	VOLTS	480/277	PHASE	3	WIRES	4	AMPS	125	MAIN	125A	MCB	BUS	AMPS	125	MTG.	SURFACE	
CIRC. NO.	TRIP AMPS	NO. POLES		LOAD SERVED	PHASE LOAD V.A.								LOAD SERVED	CIRC. NO.	TRIP AMPS	NO. POLES		
1	40	-		SPARE									SPARE	2	40	-		
3	-	-		-									-	4	-	-		
5	-	3		-									-	6	-	3		
7	40	-		SPARE									TROLLEY DUCT	8	30	-		
9	-	-		-				4156					-	10	-	-		
11	-	3		-						4156			-	12	-	3		
13	30	-		TROLLEY DUCT				4156					TROLLEY DUCT	14	30	-		
15	-	-		-				4156					-	16	-	-		
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25	125	-		MCB										26				
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ESTIMATED DEMAND LOAD				ø	KVA												AIC SYMM.	

WORK SPECIFIC
UNDER DIVISION 16

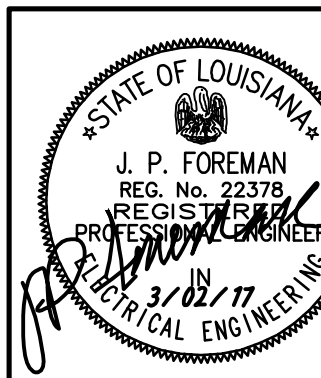
WORK SPECIFIED
UNDER SPEC
SECTION 08340

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE-POLE TOGGLE SWITCH		MOTOR CONNECTION
	CONDUIT AND WIRING RUN CONCEALED IN WALLS OR ABOVE CEILING		SAFETY SWITCH, FUSED AND NON-FUSED RESPECTIVELY
	CONDUIT AND WIRING RUN IN OR BELOW FLOOR OR BELOW GRADE		MOTOR STARTER, COMBINATION STARTER
	NEUTRAL AND PHASE OR SWITCHED CONDUCTOR RESPECTIVELY		LIGHTING CONTACTOR, TIMECLOCKS ENCLOSED CIRCUIT BREAKER
	GROUND CONDUCTOR, GREEN INSULATED		PANELBOARD, SURFACE MOUNTED AND FLUSH MOUNTED RESPECTIVELY
	HOMERUN TO PANEL (CIRCUIT NUMBERS INDICATED)		DISTRIBUTION PANELBOARD OR SWITCHBOARD
	CONDUIT TURNED UP; CONDUIT TURNED DOWN RESPECTIVELY		TRANSFORMER
	WIRING IN FLEXIBLE METALLIC CONDUIT		WEATHERPROOF
	CONDUIT OR DUCT STUB-OUT - PROVIDE CAP AND MARK FOR FUTURE LOCATION		ABOVE FINISHED FLOOR
	JUNCTION BOX (JB)		MAIN CIRCUIT BREAKER
	PHOTOELECTRIC CELL - AIM TO NORTH - +25'-0" AFF		UNLESS OTHERWISE NOTED
	MOTOR CONNECTION		TELEPHONE TERMINAL BOARD
	EXISTING TO BE REMOVED		TRANSIENT VOLTAGE SURGE SUPPRESSION
	EXISTING TO REMAIN		POINT OF CONNECTION
	NEW		SWITCHBOARD
	EXISTING DEVICE TO BE RELOCATED		ELECTRICAL NOTE REFERENCE
	NEW LOCATION OF RELOCATED DEVICES		DETAIL DESIGNATION SHEET NUMBER
	TROLLEY DUCT		FLOOD LIGHT
	DOOR CONTROL PANEL		"50" CORD
	LIMIT SWITCH		INDICATES SIZE AND NUMBER OF CONDUCTORS INSTALLED IN EACH OF FIVE (5) 4" CONDUITS
	PUSHBUTTON STATION	NOTE: DASHED SYMBOLS REPRESENT EXISTING EQUIPMENT TO BE REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE. SOLID LIGHT SYMBOLS REPRESENT EXISTING EQUIPMENT TO REMAIN AS IS UNLESS SPECIFICALLY NOTED OTHERWISE. SOLID HEAVY SYMBOLS REPRESENT NEW EQUIPMENT	
	HORN		



POWER DIAGRAM
DOOR CONNECTION
NO SCALE

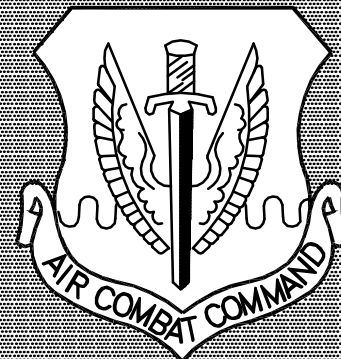


JOHN J. GUTH ASSOCIATES, INC.
CONSULTING MECHANICAL AND ELECTRICAL ENGINEERS
208 MILAM STREET
SHREVEPORT, LOUISIANA 71101 6648
DESIGNER: J. PATRICK FOREMAN, P.E.

CHECKED BY:

JPF

THESE DRAWINGS DO NOT INCLUDE
NECESSARY COMPONENTS FOR
CONSTRUCTION SAFETY.



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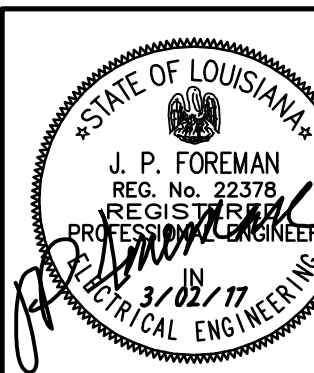
DESIGNER JPF	PROJECT MANAGER SRP
DRAWER SGI	DATE 13 MAR 17

REVISION	BY/DATE

SHEET TITLE
**HANGER ONE
(B6604)
ELECTRICAL
DEMOLITION PLAN**
**SHEET
E2** OF **3E**

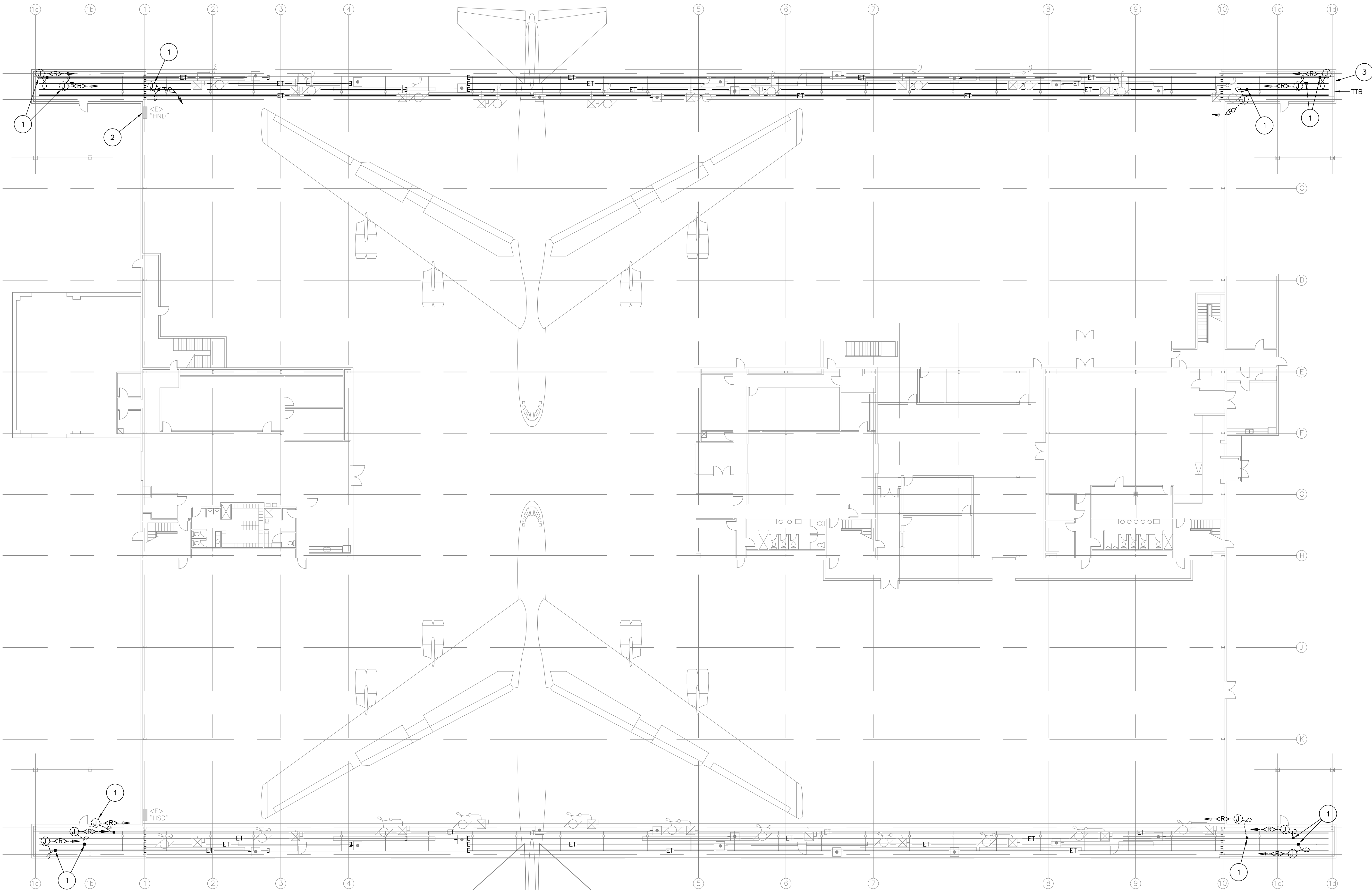
PROJECT TITLE
**Repair Hangar Doors
B6604**

BARKSDALE AIR FORCE BASE, LA.
PROJECT NO. BAFB-AWUB 15-0091
DRAWING NO.
FACILITY NO.



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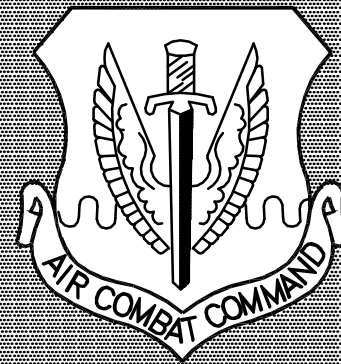
BUILDING #6604 FLOOR PLAN
ELECTRICAL DEMOLITION
1/16"=1'-0"



SHEET NOTES:

- 1 DISCONNECT POWER TO EXISTING TROLLEY DUCT.
PULL CONDUCTORS BACK TO SOURCE OF SUPPLY.
- 2 REPLACE EXISTING DAMAGED DOOR AND ASSOCIATED
HARDWARE AT PANEL "HND".
- 3 CONTACT THE IT GROUP AT 2ND CIVIL ENGINEERING
SQUADRON TO REMOVE EXISTING TELEPHONE
TERMINAL BOARD.

2' 0" 10' 20' 30' 40' 50'
SCALE: 1/16 INCH = 1 FOOT



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SHEET TITLE
**HANGER ONE
(B6604)
ELECTRICAL
RENOVATION PLAN**

SHEET
E3
OF
3E

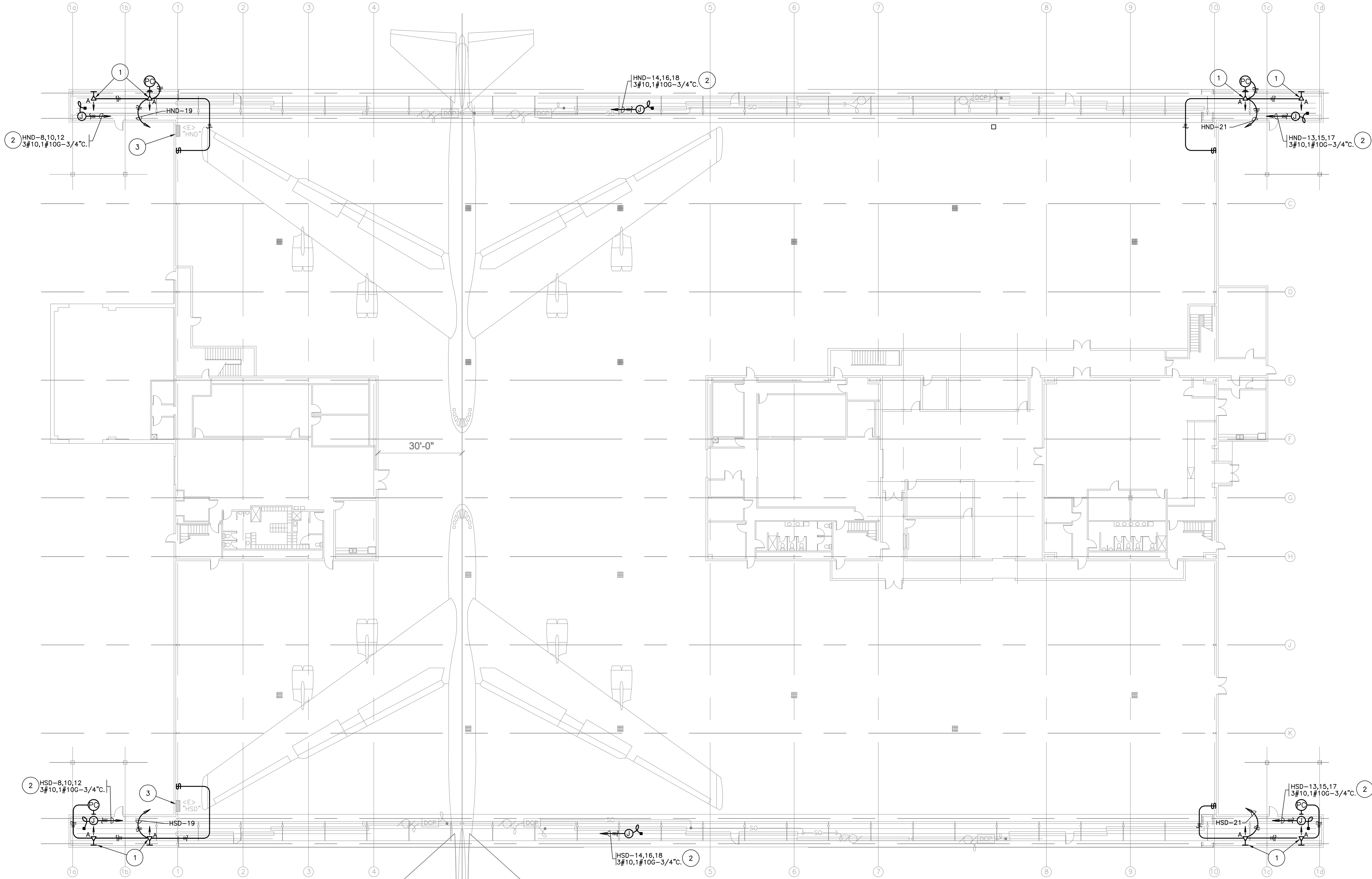
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**Repair Hangar Doors
B6604**

BARKSDALE AIR FORCE BASE, LA.

PROJECT NO.
BAFB-AWUB 15-0091

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**BUILDING #6604 FLOOR PLAN
ELECTRICAL-RENOVATION**

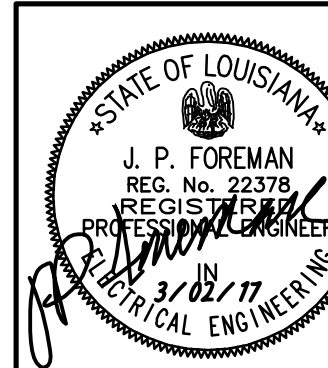
1/16"=1'-0"



SHEET NOTES:

- 1 MOUNT NOTED LIGHTS IN DOOR POCKET WITHIN FACE OF GIRDER AND OUTSIDE WALL AT +25'-0" AFF AND AIM DOWN AT FLOOR FOR MAXIMUM ILLUMINATION WITHIN SPACE. CONTROL BY PHOTOELECTRIC CELL AND LIGHT SWITCH WITHIN HANGER.
- 2 PROVIDE CONNECTION TO TROLLEY DUCT. COORDINATE CONNECTION REQUIREMENTS WITH SPECIFICATION SECTION 08340 "STEEL SLIDING HANGAR DOORS".
- 3 INSTALL EXPLOSION-PROOF SEALING FITTINGS ON ALL CONDUIT NEW ENTRIES WITHIN 5' OF PANELBOARD.

2' 0" 10' 20' 30' 40' 50'
SCALE: 1/16 INCH = 1 FOOT



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