SPECIAL OUTLETS

WIRELESS ACCESS POINT. PROVIDE 10FT EXCESS CABLING COILED ABOVE CEILING FOR FUTURE LOCATION FI FXIBII ITY

SHEET INDEX

	OHEET HADEN
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GENERAL NOTES

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) & THE AMERICANS WITH DISABILITIES ACT (ADA).
- REFER TO RELATED ARCHITECTURAL, MECHANICAL. STRUCTURAL, AND CIVIL DRAWINGS FOR RELATED
- REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
- E.C. SHALL REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTION OF INTERLOCKING AND CONTROLS OF MECHANICAL UNITS AND THERMOSTAT LOCATIONS.
- COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK.
- ALL MOUNTING HEIGHTS TO CENTERLINE OF ITEM UNLESS OTHERWISE NOTED. VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
- CONDUIT RUN W/CONDUCTORS AS INDICATED & GROUND WIRE SIZED PER N.E.C. 250.122. CONDUIT SIZE AS REQUIRED.

WHEN INCREASED CONDUCTOR SIZES ARE SHOWN ON

- THE PLANS, THE LARGER CONDUCTOR SIZE SHALL BE USED THROUGHOUT THE LENGTH OF THE CIRCUIT, INCLUDING NEUTRAL AND GROUND.
- MOUNTED ABOVE BACKSPLASH OF COUNTER TOP. VERIFY EXACT HEIGHT WITH ARCHITECTURAL PLANS AND ELEVATIONS. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME

"CT" INDICATED ADJACENT TO DEVICE INDICATES DEVICE

- RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE. NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
- JUNCTION BOX OR RECEPTACLE FOR DRINKING FOUNTAINS SHALL BE LOCATED BEHIND THE EQUIPMENT SKIRT UNLESS OTHERWISE NOTED. COORDINATE CONNECTION TYPE AND LOCATION WITH EQUIPMENT PROVIDED.

- 12. LABEL THE FRONT OF EACH RECEPTACLE COVERPLATE WITH PANEL DESIGNATION AND CIRCUIT NUMBER USING CLEAR THERMAL TRANSFER (ELECTRONIC DYMO) LABELS WITH 1/8" HIGH BLACK LETTERS (OR CONTRASTING COLOR IF COVERPLATES ARE BLACK OR BROWN). LABELS SHALL BE SUITABLE FOR INDOOR/OUTDOOR USE. LABEL THE BACK OF EACH LIGHT SWITCH COVERPLATE WITH PANEL DESIGNATION AND CIRCUIT NUMBER USING A FINE BLACK PERMANENT MARKER.
- PROVIDE 18" LONG (MIN.) CONDUIT SLEEVES THRU ALL WALLS WHERE CABLES ARE INDICATED OR REQUIRED TO PASS THRU WALLS. PROVIDE BUSHINGS ON BOTH ENDS. SIZE CONDUIT FOR CABLES INSTALLED. AT CABLE TRAYS, PROVIDE ONE 4" CONDUIT SLEEVE FOR EACH 4" WIDTH OF CABLE TRAY. MAXIMUMS SHALL BE: 1"C. = 10 CABLES 2 1/2"C. = 20 CABLES

3"C. = 30 CABLES

4"C. = 50 CABLES

- 14. LOCATE CABLE TRAYS 6" ABOVE CEILING. OFFSET TRAY UP AND OVER LIGHT FIXTURES AND DUCTWORK (FIELD VERIFY AND PROVIDE AS REQUIRED). IF PHYSICALLY IMPOSSIBLE TO RUN CABLE TRAY UP AND OVER, THEN PROVIDE CABLE SUPPORT HOOKS FROM STRUCTURE ABOVE, SIZED AND RATED FOR INSTALLED CABLES PLUS 25% SPARE.
- 15. PROVIDE DIMMER PER THE SPECIFICATIONS. COORDINATE DIMMER TYPE AND WIRING WITH ASSOCIATED LIGHT FIXTURE DIMMING REQUIREMENTS (I.E. 3-WIRE, O-10V, ELECTRONIC OR MAGNETIC LOW VOLTAGE, ETC.) OR WITH LIGHTING CONTROL SYSTEM PROPRIETARY REQUIREMENTS (I.E. LUTRON, nLIGHT, DALI, ETC.) AS NECESSARY. 3-WIRE DIMMERS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL FOR EACH CONTROL ZONE. 0-10V DIMMERS SHALL BE PROVIDED WITH DIM/ON/OFF CONTROL. COORDINATE PHASE CONTROL OF LED DRIVERS (I.E. REVERSE PHASE, FORWARD PHASE, ETC.) WITH LIGHT FIXTURE MANUFACTURER'S RECOMMENDATIONS. LOW VOLTAGE CONTROL WIRING IS NOT SHOWN ON PLANS FOR CLARITY, BUT SHALL BE PROVIDED AS REQUIRED.

COMMUNICATION / DATA

- T1. EACH DATA, TELEPHONE, VIDEO, OR OTHER SYSTEMS OUTLET REQUIRES 1"C. WITH PULL ROPE STUBBED 6" ABOVE NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED ON PLANS. CONDUITS STUBBED UP ABOVE CEILINGS SHALL BE TURNED OUT 90 DEGREES. PROVIDE INSULATED BUSHINGS ON ALL CONDUITS. LABEL CONDUIT TO IDENTIFY ITS INTENDED USE (I.E. TELEPHONE, DATA, ETC.).
- RUN CABLES CONTINUOUS FROM JACK TO ASSOCIATED SYSTEM PATCH PANEL IN CONDUIT CABLE TRAY, OR J-HOOKS PER THE PLANS AND SPECIFICATIONS. NUMBER BESIDE CABLE SYMBOL INDICATES QUANTITY OF CABLES REQUIRED PER HOME RUN.
- T3. PROVIDE QUANTITY AND TYPE OF JACKS PER THE DRAWINGS, SPECIFICATIONS AND DETAILS. PROVIDE JACK AND CABLE LABELING PER THE SPECIFICATIONS.

FIRE ALARM

- THE FIRE ALARM SYSTEM SHOWN HAS BEEN DESIGNED PER THE REQUIREMENTS OF NFPA 72. DEVICES SHOWN INDICATE DESIGN INTENT AND SHALL BE THE MINIMUM PROVIDED. SYSTEM SUPPLIER SHALL PROVIDE ANY ADDITIONAL CODE REQUIRED DEVICES OR DEVICES REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- F2. FIELD VERIFY LOCATIONS OF AREA SMOKE DETECTORS AND HEAT DETECTORS. DO NOT LOCATE WITHIN 36" OF A HVAC DIFFUSER (SUPPLY OR RETURN), IN A DIRECT AIR FLOW, WITHIN 36" OF A SPRINKLER HEAD, OR WITHIN 36" OF THE TIP OF A CEILING FAN BLADE. SMOKE DETECTORS FOR DOOR RELEASE SHALL BE LOCATED ON THE CENTER LINE OF THE DOOR AND A MAXIMUM OF 5 FEET FROM THE DOOR. THE MINIMUM DISTANCE FROM THE DOOR IS THE DEPTH OF THE WALL SECTION ABOVE THE DOOR, BUT NOT LESS THAN 12".
- F3. FAN SHUTDOWN RELAY WIRING SHALL BE LOCATED WITHIN 3 FEET OF THE FAN CONTROLS AND THE WIRING TO THE RELAY SHALL BE MONITORED.
- F4. LABEL REMOTE ALARM INDICATOR FOR DUCT MOUNTED SMOKE DETECTORS (I.E. RTU-=1 SUPPLY, RTU-2 RETURN, FIRE/SMOKE DAMPER, ETC.). DUCT DETECTORS SHOULD BE LOCATED IN THE AREA BETWEEN 6 AND 10 DUCT EQUIVALENT DIAMETERS OF STRAIGHT, UNITERRUPTED DUCTWORK. DUCT DETECTORS FOR FIRE/SMOKE DAMPERS SHOULD BE LOCATED BETWEEN THE LAST INLET OR OUTLET UPSTREAM OF THE DAMPER AND THE FIRST INLET OR OUTLET DOWNSTREAM OF THE DAMPER.
- F5. PROVIDE 120V POWER AND FUSTAT FOR EACH FIRE/SMOKE DAMPER. INTERLOCK WITH FIRE ALARM CONTROL PANEL TO CLOSE THE FIRE/SMOKE DAMPER UPON ANY ALARM AT THE FIRE ALARM CONTROL PANEL AND TO SHUTDOWN THE ASSOCIATED MECHANICAL UNIT.

SYMBOL LIST SYMBOL MOUNTING SYMBOL DESCRIPTION MOUNTING DESCRIPTION FIRE ALARM FIRE ALARM CONTROL PANEL FIRE ALARM REMOTE ANNUNCIATO WALL 46"AFF FIRE ALARM MANUAL STATION FIRE ALARM SPEAKER BOTTOM 80 FIRE ALARM HORN COMB FA SPEAKER & VISUAL SIGNAL BOTTOM 8 FIRE ALARM VISUAL SIGNAL COMB FA HORN & VISUAL SIGNAL CEILING \Rightarrow COMB. F.A. HORN & VISUAL SIGNAL FIRE ALARM CONTROL MODULE CH FIRE ALARM MONITOR MODULE FIRE SPRINKLER PRESSURE SWITC FIRE SPRINKLER ALARM BELL WALL CEILING F.A. RELAY (GEN NOTE F3) FIRE ALARM SPEAKER ONIZATION AREA SMOKE FIRE ALARM SPEAKER WALL DETECTOR (GEN NOTE F2) HEAT DETECTOR (GEN NOTE F2) PHOTO ELECTRIC AREA SMOKE SPRKLR RS FIRE SPRINKLER TAMPER SWITCH DETECTOR (GEN NOTE F2) SPRKLR RS FIRE SPRINKLER WATER FLOW SW **ELECTROMAGNETIC DOOR HOLDE** DUCT SMOKE DETECTOR WALL DUCTWORK (GEN NOTE F4) DUCT SMOKE DETECTOR & FSD FIRE/ SMOKE DAMPER (GEN DUCTWORK NOTES F4 & F5) SECURITY DOOR POSITION SWITCH **DURESS** OOR RELEASE BUTTON DOOR LOCK & POSITION SWITCH CTV CAMERA - PAN/TILT/ZOOM ELECTRIC DOOR STRIKE CEILING MAGNETIC LOCK CTV CAMERA - PAN/TILT/ZOOM $\blacksquare \blacktriangleleft W$ WALL CTV CAMERA - FIXED GLASS BREAK SENSOR CEILING B→ K→ SECURITY BEAM DETECTOR CTV CAMERA - FIXED WALL $\square \triangleleft \mathbb{W}$ CARD READER SEC ROOM MOTION DETECTOR WALL/CLG SEC ROOM MOTION DETECTOR **CEILING** REQUEST TO EXIT DEVICE SEC CORRIDOR MOTION DETECTO **AUDIO-VISUAL** PA/SOUND SYSTEM W/RACK/SHELF 46"AFF CALL SWITCH **VOLUME CONTROL** CEILING MOUNTED SPEAKER CEILING 46"AFF $\circ\Box$ BOTTOM 80 WALL MOUNTED SPEAKER WALL MICROPHONE OUTLET LOCK/SPEAKER (SYSTEM CLOCK) WALL •)— WALL SYSTEM CLOCK DIGITAL CLOCK WITH TIMER WALL A=ANALOG, D=DIGITAL) PEN WEIGHT LEGEND ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN DARK ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN DARK DASHED LINES ARE EXISTING TO BE REMOVED SOLID LINES ARE NEW TO BE INSTALLED 1 DUPLEX GROUNDED REC TO BE REMOVED NEW DUPLEX GROUNDED RECEPTACLE NEW LIGHT FIXTURE LIGHT FIXTURE TO BE REMOVED ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN LIGHT ALL DEVICES, LIGHT FIXTURES, ETC., DRAWN IN LIGHT SOLID LINES ARE EXISTING TO REMAIN DASHED LINES ARE EXISTING TO BE RELOCATED EXISTING DUPLEX GROUNDED REC TO REMAIN DUPLEX GROUNDED REC TO BE RELOCATED EXISTING LIGHT FIXTURE TO REMAIN LIGHT FIXTURE TO BE RELOCATED

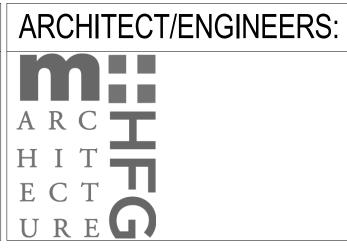
--- SYMBOL LIST IS FOR REFERENCE ONLY. ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT. ---

	SY	MBO	C	LLI	ST	
SYMBOL	DESCRIPTION	MOUNTING		SYMBOL	DESCRIPTION	MOUNTING
		ABBRE	VIA	ATIONS		
NL	NIGHT LIGHT - WIRE AHEAD OF CONTROLS			AFF AFG	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE	
EM WP	ON EMERGENCY POWER WEATHERPROOF			DF	DRINKING FOUNTAIN - SEE GENERAL NOTE 11	
CT	COUNTERTOP (SEE GEN. NOTE 9)				SEE GENERAL NOTE 11	
UON W	UNLESS OTHERWISE NOTED WALL					
VV	VV/ \CL	CONDUIT	A٨	ID WIRING		
\	EMERGENCY CIRCUIT MASTER/SLAVE FIXTURE WHIP	CLG/WALL CEILING			CONDUIT HOME RUN, 1 CIRCUIT. 2#12 & 1#12 GRD 1/2"C.	CLG/WALL
	LOW VOLTAGE WIRING	CLG/WALL		***	CONDUIT HOME RUN, 2 CIRCUITS.	CLG/WALL
	CDT RUN 2#12 & 1#12 GRD 1/2"C. OR CDT RUN AS NOTED ON PLAN	CLG/WALL			4#12 & 1#12 GRD 1/2"C. CONDUIT HOME RUN, 3 CIRCUITS.	
	CDT RUN 2#12 & 1#12 GRD 3/4"C.	EARTH/			6#12 & 1#12 GRD 1/2"C.	CLG/WALL
, ,, #10	OR CDT RUN AS NOTED ON PLAN CONDUIT HOME RUN, 1 CIRCUIT.	FLOOR			CONDUIT HOME RUN, 2 CIRCUITS - PHASE CONDUCTORS/	CLG/WALL
	2#10 & 1#10 GRD.	CLG/WALL			- NEUTRAL CONDUCTOR (#12 UON)	
*	CONDUIT RUN PARTIAL CIRCUIT. 2#12 & 1#12 GRD 1/2"C.	CLG/WALL			- SWITCH LEGS (#12 UON) - GROUND CONDUCTOR (#12 UON)	
	MISC. EQUIPMENT CONNECTION CONDUIT SEAL OFF					
/ - \	-	HTING, SWITC	HE	S AND SENSOF	RS	
(A)	LIGHT FIXTURE & FIXTURE LETTER	CEILING		\$ \$2 \$3 \$4	SWITCHES (1-POLE, 2-POLE,	46" AFF
⊢ AH O _A A	STRIP LIGHT FIXTURE & FIXT LETTER LIGHT FIXTURE & FIXTURE LETTER	CEILING CEILING		\$K \$P \$T	3-WAY, 4-WAY) SWITCHES (KEYED, PILOT, TIMER)	46" AFF
\rightarrow	LIGHT FIXTURE & FIXTURE LETTER	WALL		a, b, c	INDICATES SWITCHING SCHEME	40" 455
⊗ ^A	EXIT SIGN (SHADING DENOTES EXIT FACE SIDE)	CEIL/WALL		S1	LOW VOLTAGE SWITCH ON/OFF SWITCH	46" AFF 46" AFF
	LIGHT FIXTURE & FIXTURE LETTER FIXTURE WITH SHADED LAMP(S)	WALL		S ²	ON/OFF/0-10V DIMMING SWITCH DUAL TECH ON/OFF SENSOR	46" AFF 46" AFF
	ON EMERGENCY POWER	CEILING		S 4	16-SCENE WALL CONTROLLER	46" AFF
PEP _A PEA	EMERGENCY BATTERY LIGHT FIXT COMB EXIT SIGN/EM BATTERY LIGHT	CEIL/WALL WALL		S ⁵	DUAL TECH ON/OFF/0-10V DIM SW PIR SENSOR	46" AFF CLG/WALL
- A - A	LIGHT FIXTURE & FIXTURE LETTER	POLE		0 0-	DUAL TECHNOLOGY SENSOR	CLG/WALL
M 2M	1 RELAY PIR SENSOR 2 RELAY PIR SENSOR	46" AFF 46" AFF		SP SE	SWITCHING POWER PACK UL924 SWITCHING POWER PACK	
1D 2D	1 RELAY DUAL TECH SENSOR 2 RELAY DUAL TECH SENSOR	46" AFF 46" AFF		DP DE	DIMMING POWER PACK UL924 DIMMING POWER PACK	
D	DIMMER (SEE GENERAL NOTE 15)	46" AFF		AV	AV SYSTEM/LIGHTING INTERFACE	
PC	PHOTOCELL	D	L DW			
Θ	SINGLE GROUNDED RECEPTACLE	18" AFF			BRANCH CIRCUIT PANEL AND	72" TO TOP
\$	DUPLEX GROUNDED RECEPTACLE DUPLEX GROUNDED RECEPTACLE	18" AFF CEILING		<u>Α</u>	PANEL DESIGNATION ELECTRICAL DISTRIBUTION EQUIP	72 10 10P
+	DOUBLE DUPLEX GROUNDED REC	18" AFF		XX XX	EQUIPMENT - SEE EQUIPMENT	
⇒	GROUND FAULT DUPLEX REC GRD FAULT DOUBLE DUPLEX REC	18" AFF 18" AFF			CONNECTION SCHEDULE CONDUIT SLEEVE (GEN NOTE 13)	
\overline{\top}	DUPLEX GRD REC BOTTOM SWITCHD	18" AFF			CABLE TRAY (GEN NOTE 14)	
					MOTOR DISCONNECT SWITCH	
				IsM	MANUAL STARTER	
$lacktriangle_A$ $lacktriangle_A$	SPECIAL OUTLET (SEE SCHEDULE OR AS NOTED)	FLOOR/WALL			CIRCUIT BREAKER STARTER OR ATS (AS NOTED)	
2	SPECIAL DEVICE (AS NOTED) FEEDER DESIGNATION			R	COMBINATION STARTER/DISC RELAY	
<u> </u>	JUNCTION BOX - 1-GANG			• ••	PUSHBUTTON (1-BUTTON, 2-BUTTON)	46" AFF
J E	JUNCTION BOX - 2-GANG FUSTAT BUSS #SSY				BOX MOUNTED TRANSFORMER CONTACTOR	
IS P	THERMOSTAT/TEMP SENSOR	46" AFF		Д	METER DATE BASEWAY	14/41
H H	PLUG LOAD SENSOR HANDICAP DOOR PUSHBUTTON	CEILING 36" AFF			PLUGMOLD SURFACE RACEWAY BUSDUCT PLUG	WALL
		COMMUNIC	\ `^T	ION / DATA		
	1-DATA OUTLET & JACK (GEN		JAI		2-DATA OUTLETS & JACKS (GEN	40"455
\triangleright	NOTES T1 & T3)	18"AFF		▶	NOTES T1 & T3)	18"AFF
•	1-VOICE OUTLET & JACK (GEN NOTES T1 & T3)	18"AFF		\bowtie	3-DATA OUTLETS & JACKS (GEN NOTES T1 & T3)	18"AFF
Þ	1-VOICE/1-DATA OUTLET & JACKS (GEN NOTES T1 & T3)	18"AFF		₩	4-DATA OUTLETS & JACKS (GEN NOTES T1 & T3)	18"AFF
₽	1-VOICE/2-DATA OUTLETS &	18"AFF		→	2-VOICE/2-DATA OUTLETS & JACKS	18"AFF
	JACKS (GEN NOTES T1 & T3) CABLE TV OR VIDEO OUTLET &				(GEN NOTES T1 & T3) 1-VOICE/3-DATA OUTLETS &	
•	CONNECTOR (GEN NOTES T1 & T3)	18"AFF		₩	JACKS (GEN NOTES T1 & T3)	18"AFF
2		GEN NOTE T2 GEN NOTE T2		→ 02	FIBER OPTIC CABLE HOME RUN (MULTI MODE)	GEN NOTE T2
2		GEN NOTE T2		1 1 2	FIRED ODTIC CARLE HOME DUN	GEN NOTE T2
SY	MBOL LIST IS FOR REFERENCE	ONLY. ALL	S	MBOLS MA	Y NOT BE USED ON THIS PROJE	СТ
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CONSULTANTS:

VA FORM 08-623

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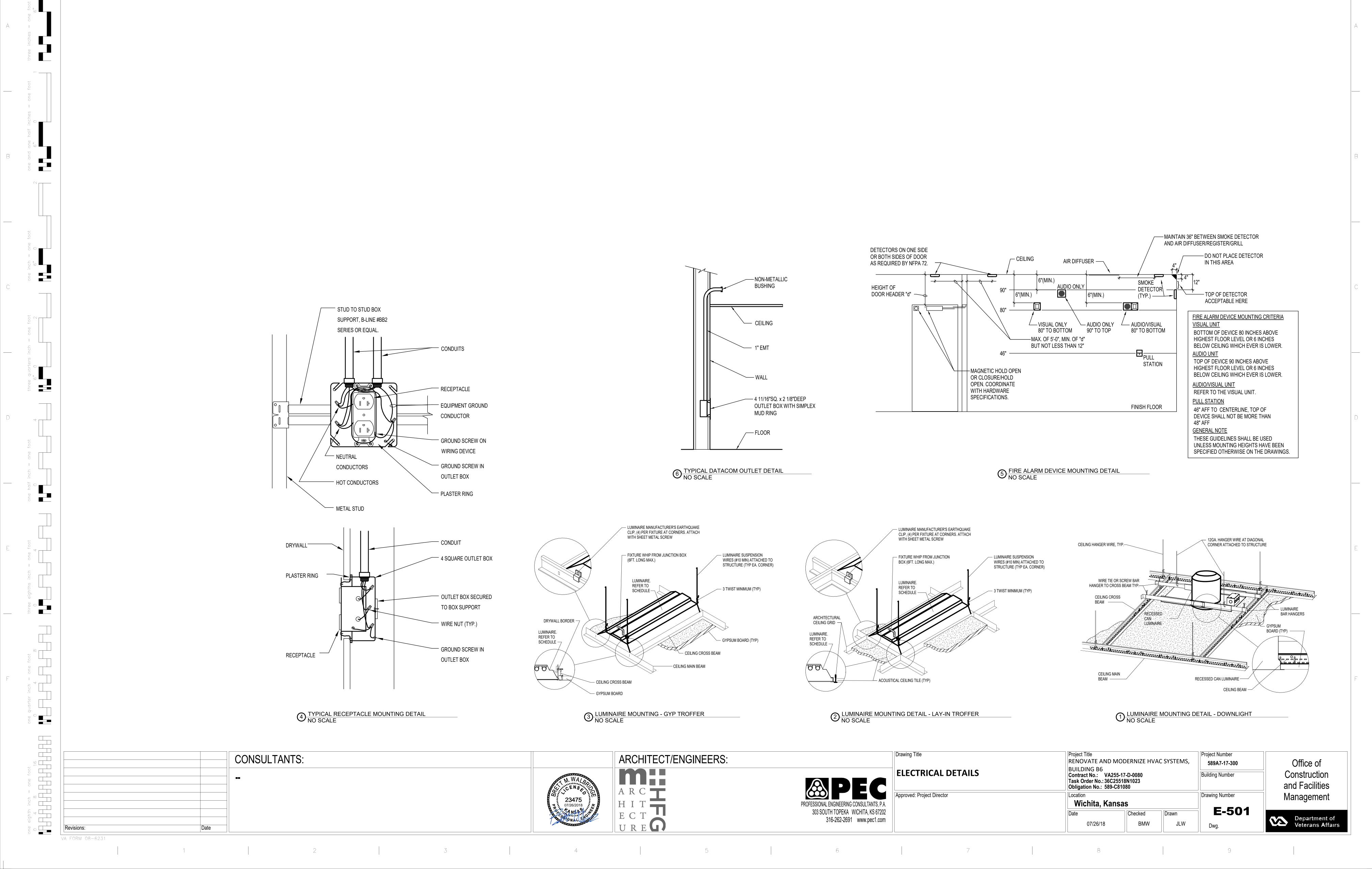
Drawing Title **ELECTRICAL NOTES AND SYMBOLS** Approved: Project Director

Project Title Project Number RENOVATE AND MODERNIZE HVAC SYSTEMS, 589A7-17-300 BUILDING B6 Contract No.: VA255-17-D-0080 **Building Number** Task Order No.: 36C25518N1023 Obligation No.: 589-C81080 Drawing Number Wichita, Kansas E-001 07/26/18 BMW JLW

Dwg.

Office of Construction and Facilities Management

Veterans Affairs



1)(23		E(QL	JIPN	IEN	NT ()[IN		Ξ(CTIO	N	SCHEDULE	
						MEC	HANIC	AL	EQ	UII	> N	1E	NT CONN	IE(CTIONS	
UNIT DESIG.	UNIT VOLTAGE		LOAD FLA		PAN CIRCUIT NUMBER	IEL DE BKR. SW AMPSAMF		MA BKR. RT. AMPS					T UNIT OTHER	SEI-S	FEEDER DESCRIPTION OR SEE THE FEEDER SCHEDULE	REMARKS OR SEE THE INDICATED NOTES BELOW
6-AHU	AIR HAND													14	10 1140 ANNO TUNANU 1140 ANNO ODD 410110 I	
1 2 3 4	208/1 208/1 208/1 208/1	6.9A 6.9A 6.9A 6.9A	6.9 6.9	1.435 1.435	EE7967:7 EE7967:11 EE7967:15 EE7967:19	20 20 20 20	2 2 2 2		30 30	12 2 12 2 12 2	2 ' 2 '	0' 0' 0' 0'		1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C. 2 #12 AWG THWN; #12 AWG GRD; 1/2"C. 2 #12 AWG THWN; #12 AWG GRD; 1/2"C. 2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
6-CU	CONDENS	I ING L	I JNIT													
1 2 3 4	208/1 208/1 208/1 208/1	26A 26A 18.5A	28.8 28.8 21.3	5.99 4.43	EE7967:37 EE7967:8 EE7967:16 EE7967:20	60 60 40 40	2 2 2 2		60	45 2 45 2 35 2 35 2	2		NEMA-3R NEMA-3R NEMA-3R NEMA-3R	1	2 #4 AWG THWN; #10 AWG GRD; 1"C. 2 #4 AWG THWN; #10 AWG GRD; 1"C. 2 #8 AWG THWN; #10 AWG GRD; 3/4"C. 2 #8 AWG THWN; #10 AWG GRD; 3/4"C.	
6-WH	WATER H	EATER					1 1 1					J				
1	208/1		12	2.496	EE8481:24	20	2		30	;	2			1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
6-RCP	RECIRC P															
1	120/1	1A	1	0.12	EE8481:6	20	1			+	╁		FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
6-EF	EXHAUST	FAN	<u> </u>													
1 2	120/1 120/1	1A 1A	1	0.12	EE8605:1 EE8605:3		1 1						FUSTAT FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	CONTROLLED WITH LIGHT CONTROLLED WITH LIGHT
3	120/1 120/1	1A 1A	1		EE8605:3 EE8605:5		1				+		FUSTAT FUSTAT	1	, ,	CONTROLLED WITH LIGHT CONTROLLED WITH LIGHT
1 (1) AI	I CONNEC	וא∩ודי	C VVIL) El E	CTDICAL E		ENT LIST	ED IN	SCH	EDI	=	S-	INII RE DRON	/IDE	ED AND INSTALLED BY THE ELECTE	NCVI

- (1) ALL CONNECTIONS AND ELECTRICAL EQUIPMENT LISTED IN SCHEDULE SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. FIELD VERIFY CONNECTION REQUIREMENTS AND EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.
- 2 REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTIONS OF INTERLOCKING, THERMOSTAT LOCATIONS, EXHAUST FAN CONTROL SWITCHES, AND OTHER CONTROLS OF MECHANICAL EQUIPMENT.
- (3) SIZE FUSES FOR MOTOR FUSTATS BASED ON 125% OF MANUFACTURER'S NAMEPLATE FULL LOAD AMPERAGE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 4 PROVIDE DUCT MOUNTED SMOKE DETECTORS IN THE SUPPLY AND RETURN DUCTS. VERIFY THE REQUIRED QUANTITY OF DUCT SMOKE DETECTORS FOR EACH UNIT WITH THE FINAL INSTALLED DUCTWORK LAYOUT TO MEET NFPA REQUIREMENTS. PROVIDE FAN SHUT DOWN RELAY TO SHUT DOWN MECHANICAL UNIT UPON ANY ALARM AT THE FIRE ALARM CONTROL PANEL.
- 5 PROVIDE RELAY AND INTERLOCK AS REQUIRED FOR EXHAUST FAN TO BE CONTROLLED VIA LIGHTING AUTOMATIC CONTROLS.

				LI	GHTIN	GF	FIXT	URE S	SCHEDU	JL	Ε		
MARK	DECODIDATION		MANUFACTURER	MANUFACTURER			LAMP	VA VOLTAGE	LENO/LOUN/ED/EINIOLI	\A/ I		DEE NOTE	Demode
WARK	DESCRIPTION	NAME	MODEL	NAME	MODEL	#	TYPE	VA VOLTAGE	LENS/LOUVER/FINISH	VV L		REF. NOTE	Remarks
D	EXISTING FIXTURE TO BE REMOVED					1							
EF4	EXISTING FIXTURE TO REMAIN					1		44		0.3 4.	0 0.5	7	
F2	2' STRIP	WILLIAMS	75R-2-L20-835-DRV		OR EQUAL	1	LED	20 UNV				1,2,3,4,8	2000LM, 3500K, 80+CRI, PROVIDE WITH WIRE GUARD
F4	4' STRIP	WILLIAMS	75R-4-L50-835-DRV		OR EQUAL	1	LED	44 UNV	WHITE	0.3 4.	0 0.2	1,2,3,4,8	5000LM, 3500K, 80+CRI, PROVIDE WITH WIRE GUARD
F4E	4' STRIP	WILLIAMS	75R-4-L50-835-EM10WLP-DRV		OR EQUAL	1	LED	44 UNV	WHITE	0.3 4.	0 0.2	1,2,3,4,8	5000LM, 3500K, 80+CRI, PROVIDE WITH WIRE GUARD. PROVIDE WITH EMERGENCY BATTERY PACK
HA	6" RECESSED DOWNLIGHT	PORTFOLIO	LD6B-15-D010-EU6B1020-835		OR EQUAL	1	LED	16 UNV	SEMI-SPECULAR	0.5 1.	4 0.0	1,2,3,4,8	1500LM, 3500K, 80+CRI, MEDIUM BEAM, SELF FLANGED
K2	2X4 LAY-IN	METALUX	24CZ-LD5-35-S-UNV-L835-CD1		OR EQUAL	1	LED	26 UNV	ACRYLIC	2.0 4.	0 0.3	1,2,3,4,8	3500LM, 3500K, 80+CRI
K2E	2X4 LAY-IN	METALUX	24CZ-LD5-35-S-UNV-EL14W-L835-CD1		OR EQUAL	1	LED	26 UNV	ACRYLIC	2.0 4.	0 0.3	1,2,3,4,8	3500LM, 3500K, 80+CRI, PROVIDE WITH EMERGENCY BATTERY PACK
RD	WALL DIRECTOR	LUMARK	XTOR4B-W-BZ-PC1		OR EQUAL	1	LED	39 UNV	DARK BRONZE	1.1 1.	3 0.8	1,2,3,4,8	4000LM, 4000K, 70+CRI, PROVIDE WITH PHOTOCELL CONTROLLER, PROVIDE WITH WALL MOUNT KIT
X1	1 FACE/AC EXIT	LITHONIA	EDGR-1-R-EL		OR EQUAL	1	LED	5 UNV	CAST ALUMINUM	0.0 0.	0.0	1,2,3,4,6	RED WITH BATTERY, SELF DIAGNOSTICS
X2	2 FACE/AC EXIT	LITHONIA	EDGR-2-R-EL		OR EQUAL	1	LED	5 UNV	CAST ALUMINUM	0.0 0.	0.0	1,2,3,4,6	RED WITH BATTERY, SELF DIAGNOSTICS

- 1. GENERAL CONTRACTOR SHALL PROVIDE FIREPROOFING AROUND RECESSED FIXTURES INSTALLED IN FIRE RATED CEILING PER U.L. REQUIREMENTS. ELECTRICAL CONTRACTOR WILL COORDINATE. 2. MANUFACTURERS LISTED IN THIS SCHEDULE OR APPROVED BY WRITTEN ADDENDUM WILL BE THE ONLY APPROVED MANUFACTURERS TO BID THE LIGHTING FIXTURES FOR THIS PROJECT. CONTRACTORS AND SUPPLIERS USING PRICING FROM
- MANUFACTURERS NOT LISTED ON SCHEDULE OR BY ADDENDUM DO SO AT THEIR OWN RISK.
- 3. LIGHT FIXTURE SELECTIONS ARE BASED ON THE MANUFACTURER IN THE LEFT MOST COLUMN AS LISTED IN THE SCHEDULE. FIXTURES APROVED AS EQUALS IN THIS SCHEDULE OR BY ADDENDUM SHALL BE EQUAL TO THE UNIT SPECIFIED IN THE
- LEFT MOST COLUMN, IE: SPRING LOADED LATCHES, POST PAINTED FINISH, AND PHOTOMETRICS. 4. ALL LIGHT FIXTURES SHALL BE SECURED TO THE CEILING FRAMING SYSTEM BY MECHANICAL MEANS (SUCH AS BOLTS, SCREWS, OR RIVETS) OR BY CLIPS IDENTIFIED FOR USE WITH THE TYPE OF CEILING FRAMING MEMBER AND LIGHT FIXTURE.
- 5. NOTE NOT USED. 6. PROVIDE ARROWS AND FACES AS INDICATED ON THE DRAWINGS.
- 7. TO COMPLY WITH NEC SECTION 410.130(G), ALL EXISTING OR RELOCATED FLUORESCENT LIGHT FIXTURES WITHOUT A BALLAST DISCONNECTING MEANS SHALL HAVE A BALLAST DISCONNECTING MEANS PROVIDED AND INSTALLED UNDER ANY OF
- THE FOLLOWING CONDITIONS: I. WHEN AN EXISTING BALLAST IS REPLACED. II. WHEN AN EXISTING LIGHT FIXTURE IS RELOCATED. III. WHEN AN EXISTING LIGHT FIXTURE IS RECIRCUITED. 8. LIGHT FIXTURES SHALL BE PROVIDED WITH 0-10V DIMMING DRIVERS. DRIVERS SHALL BE CAPABLE OF DIMMING TO A MINIMUM OF 10% OF TOTAL LIGHT OUTPUT. LED DRIVERS SHALL HAVE A DISCONNECTING MEANS MEETING THE REQUIREMENTS OF NEC SECTION 410.130(G), EXCEPT FOR THOSE INSTALLED IN CORD-AND-PLUG CONNECTED FIXTURES. WHERE APPLICABLE, WHEN DIMMING SWITCHES ARE NOT PROVIDED AS PART OF THE DESIGN, CONTRACTOR SHALL CAP OFF 0-10V DIMMING WIRES FOR FUTURE EXTENSION BY OWNER.

(1)		VIC	T	. PANEL: EE	0	CU	5			208/120 VOLTS, 1 F	PHASE	E, 3 WIRE		
•		VIS		. PANEL. EE	O	DU	J)		60 AMP MAIN BKR,	SURF	FACE MTI	Э.	
	W/G	RD. BUS								22000 AIC LABELE)			
	CIRC		1	LOAD		AMP	ASE	AMP		LOAD	LOAD		CIRC	
	NO.	V. A.	TYPE	DESCRIPTION	P.	SIZE	ᇤ	SIZE	Р.	DESCRIPTION	TYPE	V. A.	NO.	<u> </u>
3	1	466	L/LM	LTS-LOWER LEVEL/6-EF-1	1	20	Α	20	1	REC - OFFICE 107	RCPT	1000	2	\bigcirc
3	3	791	L/LM	LTS-1ST FLOOR/6-EF-2,6-EF-3	1	20	В	20	1	REC - PRINTER 106	RCPT	1200	4	\bigcirc
3	5	665	L/LM	LTS-2ND FLOOR&ATTIC/6-EF-4	1	20	Α	20	1	REC - AED MACHINE 104	RCPT	200	6	\bigcirc
	7		LGHT	LTS-CRAWL SP/REC-S PORCH	1	20	В	20	1	REC-IT RM 006	RCPT		8	
3	9	78	LGHT	LTS-EXTERIOR WALL MNT	1	20	Α	20	1	REC - OFFICE 203	RCPT	800	10	\bigcirc
	11			UNKNOWN	1	20	В	20	1	REC - PRINTER 206	RCPT	1200	12	\bigcirc
2	13		SPAR	SPARE	1	20	Α	20	1	REC - HANDICAP DOOR POWER	RCPT	400	14	\bigcirc
	15			EXISTING LOAD	1	20	В	20	1	EXISTING LOAD			16	
	17			EXISTING LOAD	1	20	Α	20	1	EXISTING LOAD			18	
	19			EXISTING LOAD	1	20	В	20	1	SPARE	SPAR		20	
	21			BLANK SPACE			Α	20	1	SPARE	SPAR		22	
	23			BLANK SPACE			В			BLANK SPACE			24	
	25			BLANK SPACE			Α			BLANK SPACE			26	
	27			MAIN CIRCUIT BREAKER	2	60	В			BLANK SPACE			28	
	29						Α			BLANK SPACE			30	

- ① EXISTING SQUARE D NQ PANELBOARD. ALL EXISITNG CIRCUIT BREAKERS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 2 EXISTING CIRCUIT BREAKER TO BECOME SPARE BY DEMOLITION WORK.
- (3) CONNECT NEW LOAD TO EXISTING SPARE CIRCUIT BREAKER. BREAKER MADE SPARE BY DEMOLITION. UPDATE PANEL DIRECTORY ACCORDINGLY.

E	XIS	ST	. PANEL: E	E8	48	31			208/120 VOLTS, 100 AMP MAIN B		•	
W/G	RD. BUS	3							22000 AIC LABEI	_ED		
IRC NO.	LOAD V. A.		LOAD DESCRIPTION	P	AMF SIZE	PHASE	AMP SIZE	P.	LOAD DESCRIPTION	LOAD TYPE		CIRO NO.
1			MAIN CIRCUIT BREAKER	2	100	Α			BLANK SPACE			2
3				-	.	В			BLANK SPACE			4
5			BLANK SPACE			Α	20	1	6-RCP-1	MOTR	120	6
7			EXISTING LOAD	1	20	В	20	2	EXISTING LOAD			8
9			EXISTING LOAD	1	20	Α						10
11			REC-S PORCH	1	20	В			BLANK SPACE			12
13			EXISTING LOAD	2	20	Α	20	2	EXISTING LOAD			14
15				-	-	В		-				16
17			REC-S PORCH	1	20	Α	20	2	SPARE	SPAR		18
19			REC-S PORCH	1	20	В						20
21			REC-GARAGE	1	20	Α	20	1	FIRE ALARM PANEL			22
23		SPAR	SPARE	2	20	В	20	2	6-WH-1	WH	2496	24
25				-	.	Α		-				26
27			BLANK SPACE			В			BLANK SPACE			28
29			BLANK SPACE			Α			BLANK SPACE			30

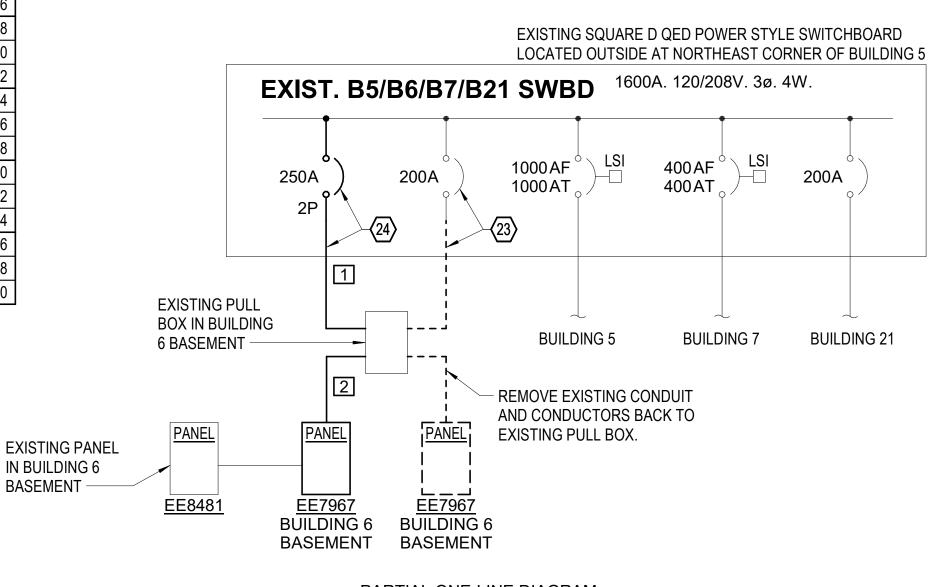
- (2) CONNECT NEW LOAD TO EXISTING SPARE CIRCUIT BREAKER. BREAKER MADE SPARE BY DEMOLITION WORK.
- (3) PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING BLANK SPACE. BREAKER SHALL MATCH EXISTING BREAKERS TYPE AND MAX AIC RATING. UPDATE PANEL SCHEDULE ACCORDINGLY.

one eighth inch = one foot

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D	ΛN		LBOARD: E	-7	01	2	7		208/120 VOLTS, 1	PHASE	Ξ, 3 WIRF	Ē
	HIN		LDUARD, E	_ /	J	U	1		250 AMP MAIN BR	(R, SUF	RFACE M	IT[
W/G	RD. BUS	3							22000 AIC LABEL	ED		
CIRC	LOAD		LOAD		AMP	ASE	AMP SIZE		LOAD	LOAD		
NO.	V. A.	TYPE	DESCRIPTION	P.	SIZE	표	SIZE	_	DESCRIPTION	TYPE	V. A.	4
1			EXIST. PANEL: EE8481	2	100	Α	20	1	REC - RM 002 NORTH,007,008	RCPT	1000	\downarrow
3		<u> </u>				В	20	1	REC - RM 002 SOUTH,003	RCPT	800	\downarrow
5	1000	RCPT	REC - ATTIC	1	20	Α	20	1	SPARE	SPAR		1
7	1435	MOTR	6-AHU-1	2	20	В	60	2	6-CU-2	LC/M	5990	1
9				-		Α		-				1
11	1435	MOTR	6-AHU-2	2	20	В	20	1	REC - RM 102,108,109,114	RCPT	1000	
13						Α	20	1	REC - RM 105,106	RCPT	1000	
15	1435	MOTR	6-AHU-3	2	20	В	40	2	6-CU-3	LC/M	4430	
17				-	_	Α		-				T
19	1435	MOTR	6-AHU-4	2	20	В	40	2	6-CU-4	LC/M	4430	T
21				-		Α		-				T
23	1200	RCPT	REC - RM 204	1	20	В	20	1	REC - RM 110	RCPT	1400	T
25	1400	RCPT	REC - RM 202,204	1	20	Α	20	1	CATV			T
27			REC-SECURITY	1	20	В	20	1	REC - RM 110,113	RCPT	1000	Ť
29			ACP	1	20	Α	20	1	REC - MICROWAVE 113	RCPT	1500	T
31	800	RCPT	REC - RM 205,208	1	20	Α	20	1	REC - UC FRIDGE 113	RCPT	800	Ť
33			EXISTING LOAD	1	20	В	20	1	REC-RM 006 UPS	RCPT		Ť
35	1200	RCPT	REC - RM 206,207	1	20	Α	60	2	DUMBWAITER	MOTR	5700	Ť
37	5990	LC/M	6-CU-1	2	60	В		-				Ť
39		†		-	1	Α	20	1	SPARE	SPAR		Ť
41			EXISTING LOAD	1	20	В	20	1	EXISTING LOAD			1
43		SPAR	SPARE	1	20	Α	20	1	SPARE	SPAR		†
45		SPAR	SPARE	1	20	В	20	1	SPARE	SPAR		Ť
47		SPAR	SPARE	1	20	Α	20	1	SPARE	SPAR		Ť
49		SPAR	SPARE	1	20	В	20	1	SPARE	SPAR		†
51		SPAR	SPARE	1	20	Α	20	1	SPARE	SPAR		Ť
53			BLANK SPACE			В			BLANK SPACE			Ť
55			BLANK SPACE	$\neg \uparrow$		Α			BLANK SPACE			†
57			BLANK SPACE			В			BLANK SPACE			†
59		1	BLANK SPACE	$\neg \dagger$		Α			BLANK SPACE			†



1 PARTIAL ONE-LINE DIAGRAM NO SCALE

FEEDER SCHEDULE GROUND ISOLATED CONDUIT SPARE CONDUIT PER SET SIZE PER SET EQUIPMENT SERVED -- EXIST. PANELBOARD:EE7967 1 3 #250 kcmil CU -- 2-1/2"C. PANELBOARD:EE7967 1 3 #250 kcmil CU

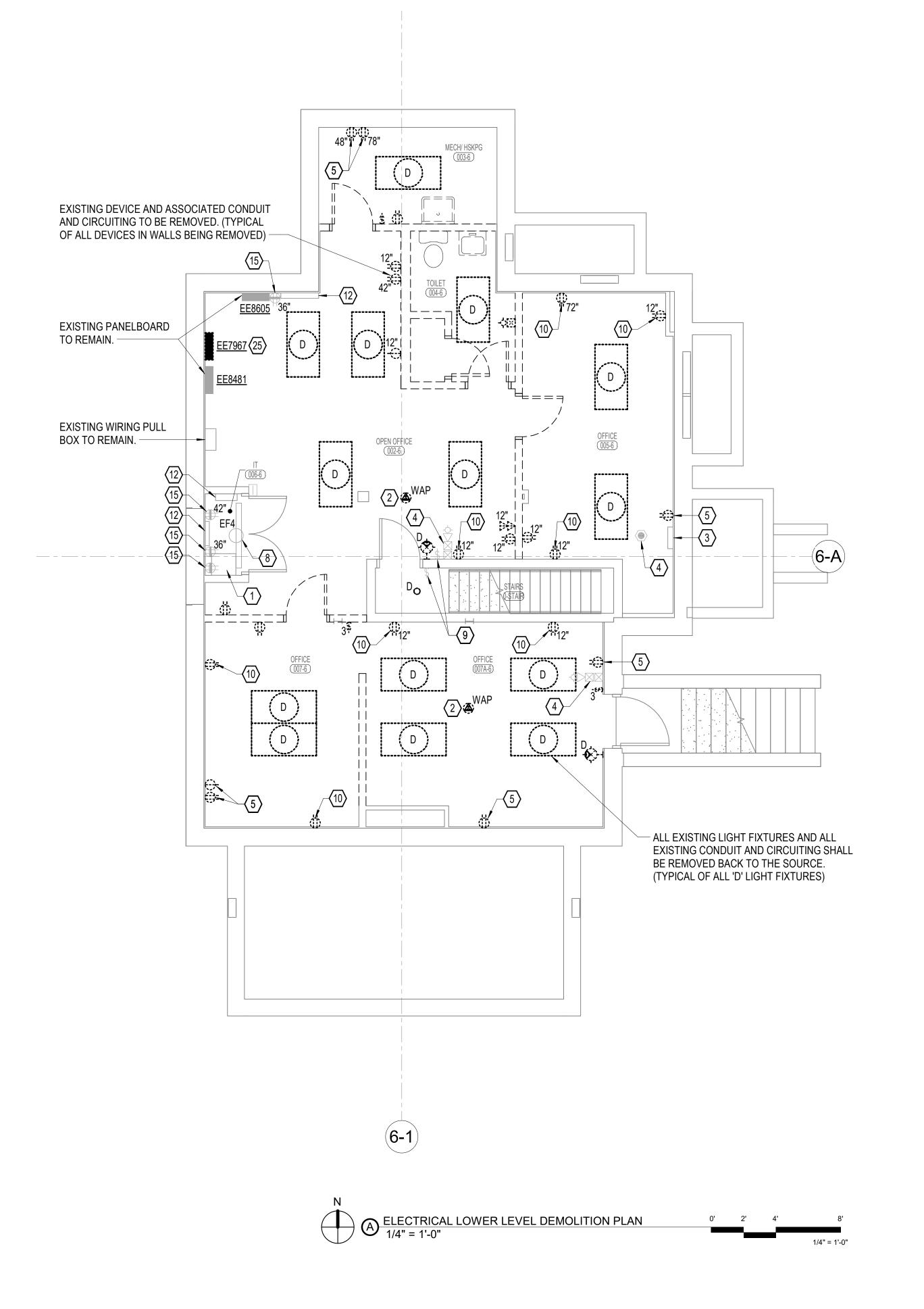
GENERAL ONE-LINE DIAGRAM NOTES:

- 1. UNLESS OTHERWISE NOTED, ALL CIRCUIT BREAKERS AND/OR SWITCHES ARE THREE POLE.
- 2. ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A LIGHT LINE, IS EXISTING TO REMAIN.
- 3. ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A DARK LINE, IS NEW WORK UNDER THIS CONTRACT. —
- 4. ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A DARK DASHED LINE, IS TO BE REMOVED UNDER THIS CONTRACT. ------

KEYED NOTES:

- 23 EXISTING CONDUCTORS ROUTED TO BUILDING 6 PULL BOX SHALL BE REMOVED. EXISTING 2-1/2" CONDUIT BETWEEN SWITCHBOARD AND PULL BOX TO REMAIN FOR PULLING OF NEW CONDUCTORS. EXISITNG 200A. CIRCUIT BREAKER TO BECOME SPARE
- 24 PROVIDE AND INSTALL CIRCUIT BREAKER IN EXISTING SWITCHBOARD AVAILABLE SPACE. CIRCUIT BREAKER SHALL MATCH EXISTING BREAKERS TYPE AND MAX AIC RATINGS. ROUTE FEEDER USING EXISTING 2-1/2" CONDUIT TO BUILDING 6 PULL BOX. VERIFY ALL EXISTING CONDITIONS PRIOR TO INSTALLATION.

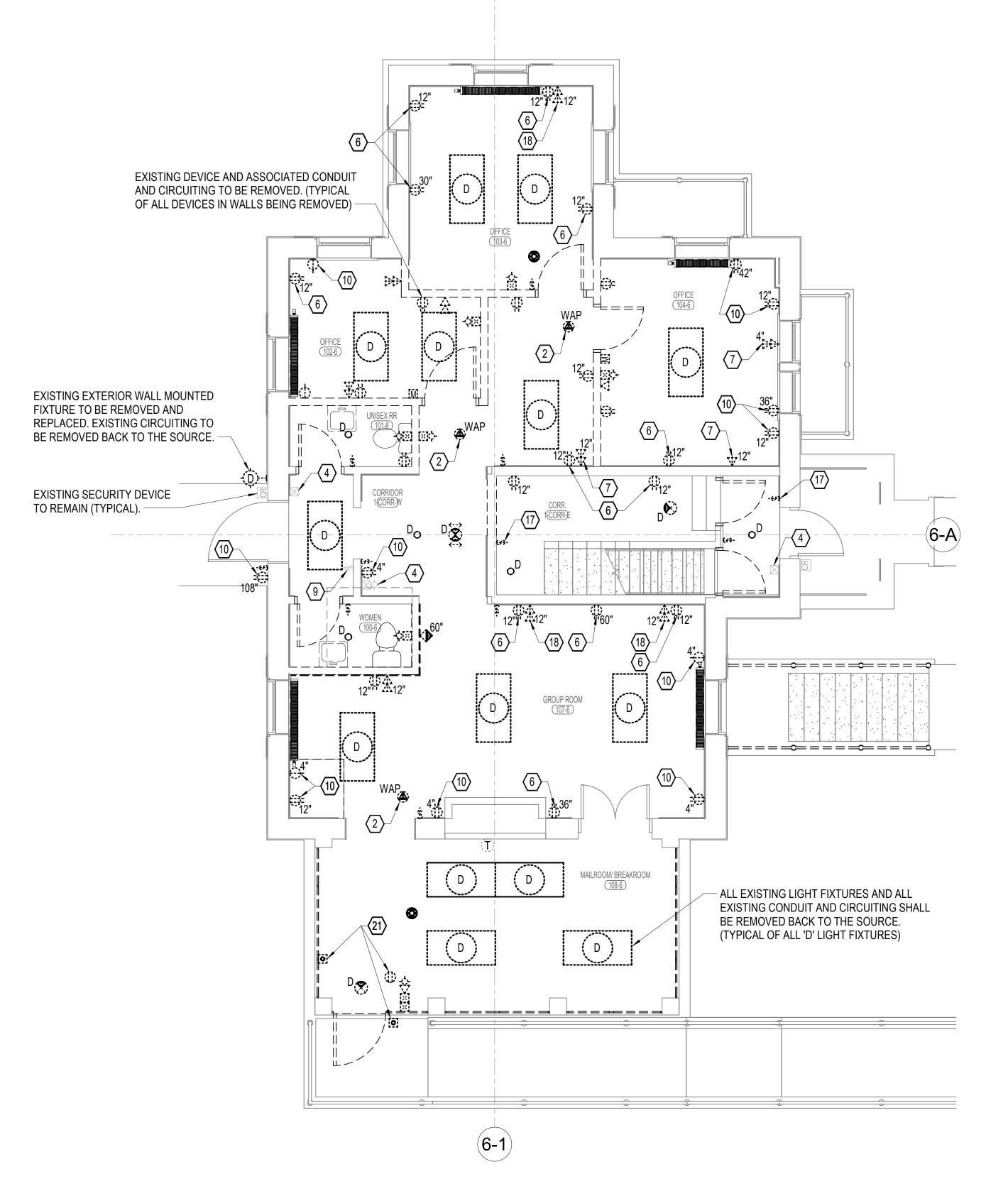
Drawing Title Project Title Project Number CONSULTANTS: ARCHITECT/ENGINEERS: RENOVATE AND MODERNIZE HVAC SYSTEMS, Office of 589A7-17-300 BUILDING B6 Contract No.: VA255-17-D-0080 Task Order No.: 36C25518N1023 Obligation No.: 589-C81080 **ELECTRICAL SCHEDULES** Construction **Building Number** and Facilities Approved: Project Director Management Drawing Number 23475 Wichita, Kansas E-601 303 SOUTH TOPEKA WICHITA, KS 67202 Department of Veterans Affairs 316-262-2691 www.pec1.com BMW 07/26/18 JLW Dwg.



one eighth inch = one foot

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VA FORM 08-623

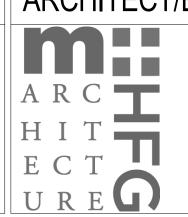


ELECTRICAL FIRST FLOOR DEMOLITION PLAN 0' 2' 4' 1/4" = 1'-0"

Drawing Title

CONSULTANTS: ARCHITECT/ENGINEERS:







ELECTRICAL DEMOLITION PLANS Approved: Project Director

Project Title
RENOVATE AND MODERNIZE HVAC SYSTEMS, Project Number BUILDING B6 Contract No.: VA255-17-D-0080 Task Order No.: 36C25518N1023 Obligation No.: 589-C81080 **Building Number Drawing Number** Wichita, Kansas

BMW

JLW

07/26/18

Office of 589A7-17-300 Construction and Facilities Management

ED101

Dwg.

DEMOLITION PLAN NOTES:

ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR

LIGHTS, PANELS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH OWNER PRIOR TO STARTING DEMOLITION.

2. REMOVE ALL CONDUIT LEFT EXPOSED BY REMOVAL OF WALLS AND CEILINGS IN REMODELED AREAS. PLUG BOTH ENDS OF REMAINING

3. ELECTRICAL OUTLETS, ETC. POSSIBLY CONCEALED BY STORAGE SHELVING, CASEWORK, FURNITURE, ETC. ARE NOT SHOWN AND

4. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL OPENINGS IN EXISTING CONSTRUCTION AFTER REMOVAL OF

5. WHERE EQUIPMENT AND OTHER DEVICES ARE BEING REMOVED,

THE CIRCUITING SHALL BE REMOVED, IF POSSIBLE, BACK TO POINT OF SUPPLY. WHERE REQUIRED, CIRCUITING SHALL BE EXTENDED TO MAINTAIN CONTINUITY OF THE CIRCUIT OR OPERATION OF THE

6. ALL DEVICES SHOWN DASHED ON THE DEMOLITION PLAN(S) SHALL

7. PROVIDE MATCHING BLANK COVERPLATES WHERE DEVICES ARE

8. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR

KEYED NOTES:

ASSOCIATED COMPONENTS TO REMAIN. ALL CABLING ROUTED TO

EXISTING OUTLETS AND DEVICES BEING REMOVED SHALL BE

EXISTING WIRELESS ACCESS DEVICE TO BE REMOVED. EXISTING

CABLING TO BE REMOVED BACK TO THE PATCH PANEL. DEVICE

3 EXISTING FIRE ALARM PANEL SHALL REMAIN. ALL EXISTING CABLING TO FIRE ALARM DEVICES SHALL REMAIN AND BE PROTECTED DURING

4 EXISTING FIRE ALARM DEVICE TO REMAIN. EXISTING CONDUIT AND

5 EXISTING SURFACE MOUNTED DEVICE AND ASSOCIATED CONDUIT

6 EXISTING RECEPTACLE TO BE REMOVED AND REPLACED. EXISTING

BOX AND CONDUIT IN WALL TO BE RE-USED AS REQUIRED. SEE

7 EXISTING PHONE AND/OR DATA DEVICE AND ALL ASSOCIATED CONDUIT AND CABLING TO BE REMOVED BACK TO SOURCE. 8 EXISTING LIGHT FIXTURE AND CONTROLS TO REMAIN. EXISTING

CIRCUITING TO BE REMOVED BACK TO SOURCE. EXISTING OUTLET

CIRCUITING TO BE REMOVED ENTIRELY. EXISTING CONDUIT IN WALL TO ABOVE CEILING SHALL REMAIN FOR NEW CIRCUIT. SEE SHEET

REMOVED ENTIRELY. EXISTING CONDUIT IN WALL TO ABOVE CEILING SHALL REMAIN FOR NEW CIRCUIT. SEE LIGHTING PLANS FOR NEW

10 EXISTING RECEPTACLE, OUTLET BOX AND ALL ASSOCIATED CONDUIT

15 EXISTING RECEPTACLE AND ASSOCIATED CONDUIT AND CIRCUITING TO REMAIN, AND BE SERVED FROM EXISTING CIRCUIT BREAKER. 17 EXISTING TOGGLE SWITCH TO BE REMOVED AND REPLACED. ALL

EXISTING CIRCUITING TO BE REMOVED BACK TO SOURCE. EXISTING OUTLET BOX AND CONDUIT IN WALL TO BE RE-USED. SEE LIGHTING

REPLACED. EXISTING CABLING TO BE REMOVED BACK TO SOURCE.

REQUIRED. SEE SYSTEMS PLANS FOR NEW CABLING INFORMATION.

TO BE REMOVED DURING DEMOLITION WORK, AND REINSTALLED IN

PLACE DURING NEW CONSTRUCTION. PUSH BUTTONS, DOOR LOCKS, AND CONTROL DEVICES SHALL BE PRESEREVED AND RE-USED FOR CONNECTION TO, AND INTERFACE WITH NEW DOOR HARDWARE.

FEEDER SERVING PANEL TO BE REMOVED. EXISTING CONDUIT SHALL

21 EXISTING POWER AND CONTROLS FOR AUTOMATIC DOOR OPERATOR

25 EXISTING PANELBOARD TO BE REMOVED AND REPLACED. EXISTING

REMAIN FOR NEW FEEDER. ALL EXISTING CIRCUITS FED FROM PANELBOARD THAT ARE REMAINING SHALL BE REWORKED AS

REQUIRED TO BE SERVED FROM NEW PANELBOARD.

EXISTING OUTLET BOX AND CONDUIT IN WALL TO BE RE-USED AS

TELECOMMUNICATIONS SYSTEMS COMPONENTS TO REMAIN. PROTECT DURING CONSTRUCTION SO AS NOT TO DAMAGE OR

18 EXISTING PHONE AND/OR DATA DEVICE TO BE REMOVED AND

9 EXISITNG TOGGLE SWITCH TO REMAIN. EXISTING CIRCUITING TO BE

CABLING SHALL REMAIN AND BE PROTECTED DURING DEMOLITION

SHALL BE PRESERVED DURING CONSTRUCTION AND REINSTALLED IN CEILING DURING NEW CONSTRUCTION. SEE SYSTEMS PLANS FOR

BEING REMOVED FROM EXISTING WALLS TO REMAIN.

1 EXISTING TELECOMMUNICATIONS PATCH PANELS AND ALL

CONDUIT IN WALL OR FLOOR WHERE CUT.

EQUIPMENT AND ELECTRICAL DEVICES, ETC.

BE REMOVED, UNLESS NOTED OTHERWISE.

REMOVED BACK TO THE PATCH PANEL.

AND CIRCUITING TO BE REMOVED ENTIRELY.

AND CIRCUITING TO BE REMOVED ENTIRELY.

PLANS FOR NEW CIRCUIT INFORMATION.

12 EXISTING SECURITY, ACCESS CONTROL, FIBER, AND

POWER PLANS FOR NEW CIRCUIT INFORMATION.

SHALL DISCONNECT ELECTRICAL SERVICES TO ALL EQUIPMENT BEING REMOVED, SEE MECHANICAL PLANS. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS, SUCH AS COVERPLATES, RECEPTACLES,

PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS

. DEMOLITION PLANS SHOW THE GENERAL EXTENT OF THE

BEING REMOVED.

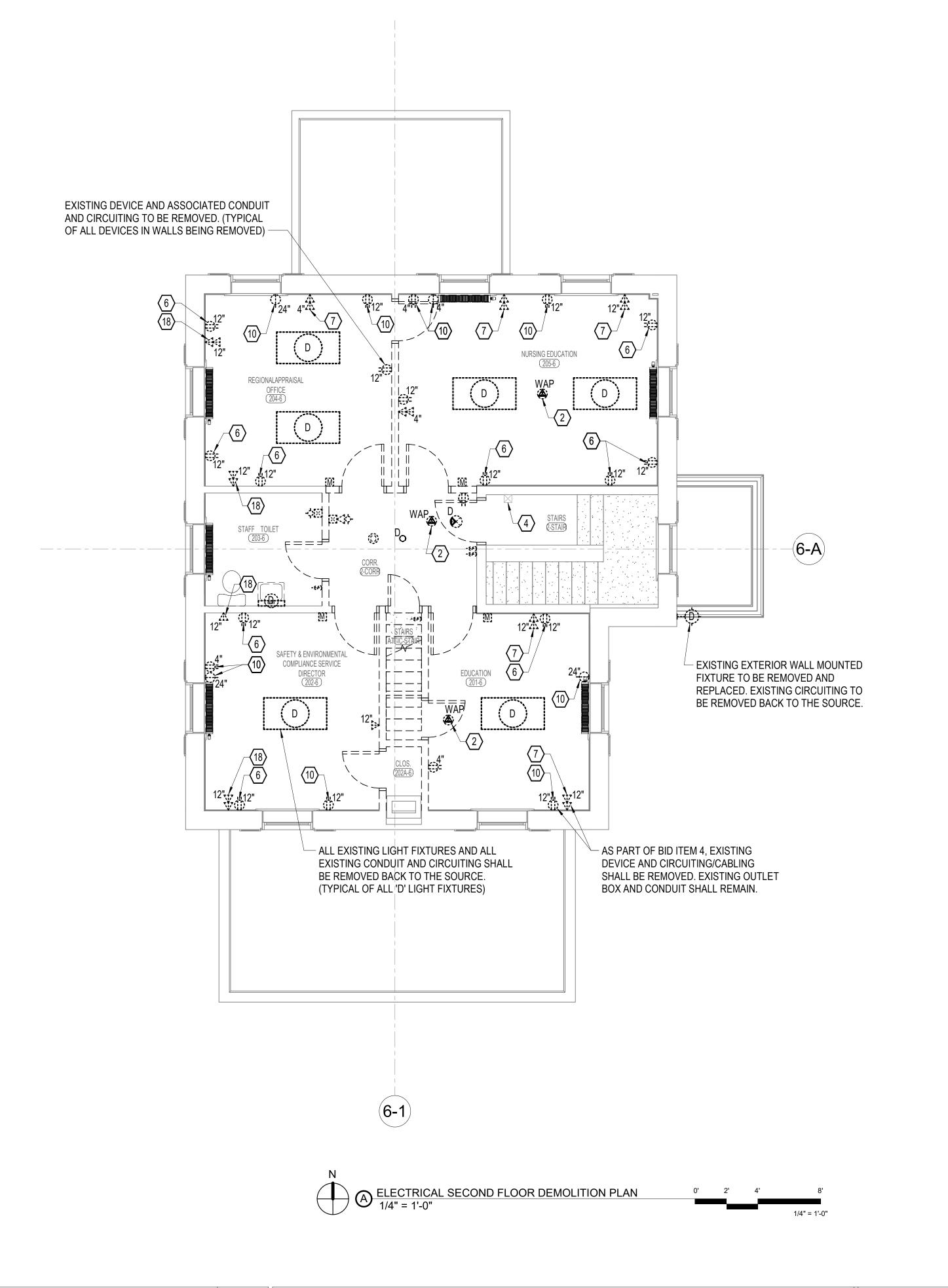
MAY REQUIRE REMOVAL.

TO BEGINNING WORK.

NEW DEVICE LOCATION.

CIRCUIT INFORMATION.

DISRUPT SERVICES.

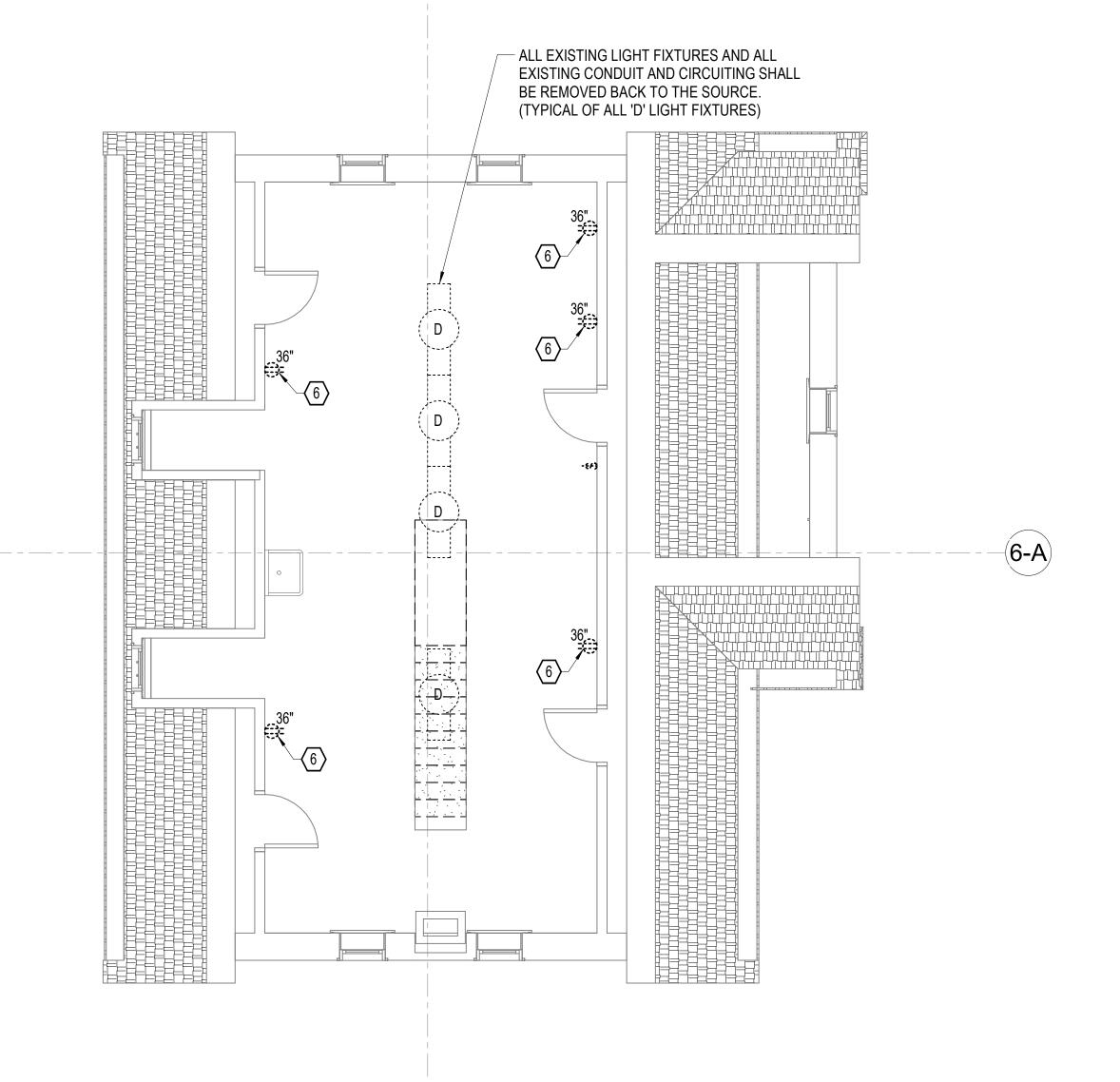


CONSULTANTS:

one eighth inch = one foot

4 8 16

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B ELECTRICAL ATTIC DEMOLITION PLAN
1/4" = 1'-0" 0' 2' 4'

303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com

Drawing Title **ELECTRICAL DEMOLITION PLANS** Project Title
RENOVATE AND MODERNIZE HVAC SYSTEMS, BUILDING B6 Contract No.: VA255-17-D-0080 Task Order No.: 36C25518N1023 Obligation No.: 589-C81080

07/26/18

589A7-17-300 **Building Number Drawing Number**

Project Number

DEMOLITION PLAN NOTES:

ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR

LIGHTS, PANELS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH OWNER PRIOR TO STARTING DEMOLITION.

2. REMOVE ALL CONDUIT LEFT EXPOSED BY REMOVAL OF WALLS AND CEILINGS IN REMODELED AREAS. PLUG BOTH ENDS OF REMAINING

3. ELECTRICAL OUTLETS, ETC. POSSIBLY CONCEALED BY STORAGE SHELVING, CASEWORK, FURNITURE, ETC. ARE NOT SHOWN AND

4. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL OPENINGS IN EXISTING CONSTRUCTION AFTER REMOVAL OF

5. WHERE EQUIPMENT AND OTHER DEVICES ARE BEING REMOVED,

6. ALL DEVICES SHOWN DASHED ON THE DEMOLITION PLAN(S) SHALL

7. PROVIDE MATCHING BLANK COVERPLATES WHERE DEVICES ARE

8. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR

KEYED NOTES:

2 EXISTING WIRELESS ACCESS DEVICE TO BE REMOVED. EXISTING CABLING TO BE REMOVED BACK TO THE PATCH PANEL. DEVICE

REINSTALLED IN CEILING DURING NEW CONSTRUCTION. SEE

4 EXISTING FIRE ALARM DEVICE TO REMAIN. EXISTING CONDUIT AND CABLING SHALL REMAIN AND BE PROTECTED DURING

EXISTING CIRCUITING TO BE REMOVED BACK TO SOURCE.

7 EXISTING PHONE AND/OR DATA DEVICE AND ALL ASSOCIATED CONDUIT AND CABLING TO BE REMOVED BACK TO SOURCE. 10 EXISTING RECEPTACLE, OUTLET BOX AND ALL ASSOCIATED CONDUIT AND CIRCUITING TO BE REMOVED ENTIRELY.

18 EXISTING PHONE AND/OR DATA DEVICE TO BE REMOVED AND REPLACED. EXISTING CABLING TO BE REMOVED BACK TO

SOURCE. EXISTING OUTLET BOX AND CONDUIT IN WALL TO BE RE-USED AS REQUIRED. SEE SYSTEMS PLANS FOR NEW CABLING

EXISTING OUTLET BOX AND CONDUIT IN WALL TO BE RE-USED AS REQUIRED. SEE POWER PLANS FOR NEW CIRCUIT INFORMATION.

SHALL BE PRESERVED DURING CONSTRUCTION AND

6 EXISTING RECEPTACLE TO BE REMOVED AND REPLACED.

SYSTEMS PLANS FOR NEW DEVICE LOCATION.

BEING REMOVED FROM EXISTING WALLS TO REMAIN.

THE CIRCUITING SHALL BE REMOVED, IF POSSIBLE, BACK TO POINT OF SUPPLY. WHERE REQUIRED, CIRCUITING SHALL BE EXTENDED TO MAINTAIN CONTINUITY OF THE CIRCUIT OR OPERATION OF THE

SHALL DISCONNECT ELECTRICAL SERVICES TO ALL EQUIPMENT BEING REMOVED, SEE MECHANICAL PLANS. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS, SUCH AS COVERPLATES, RECEPTACLES,

PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS

1. DEMOLITION PLANS SHOW THE GENERAL EXTENT OF THE

CONDUIT IN WALL OR FLOOR WHERE CUT.

EQUIPMENT AND ELECTRICAL DEVICES, ETC.

BE REMOVED, UNLESS NOTED OTHERWISE.

BEING REMOVED.

MAY REQUIRE REMOVAL.

TO BEGINNING WORK.

DEMOLITION WORK.

INFORMATION.

Office of Construction and Facilities Management

Department of Veterans Affairs

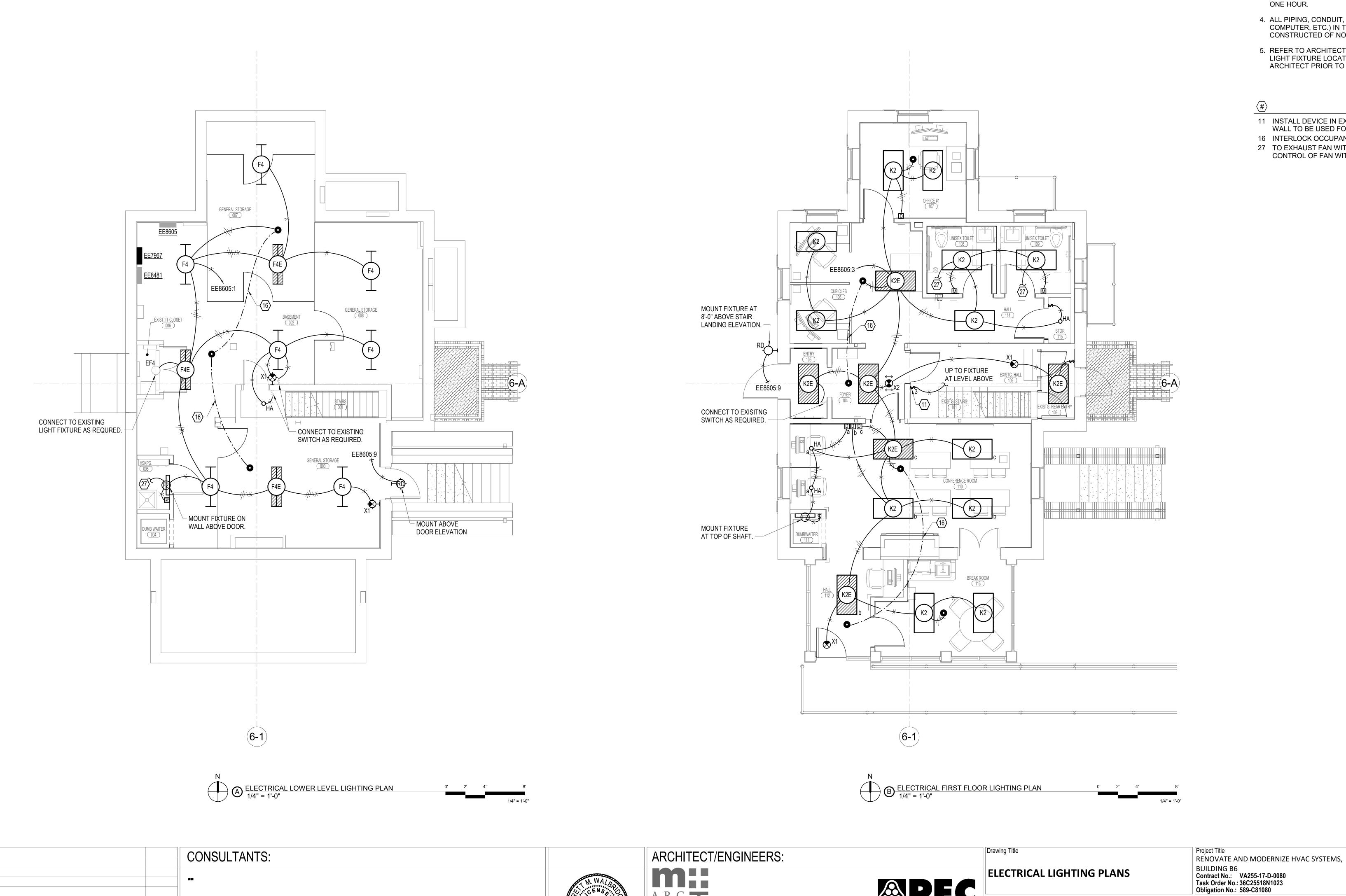
ARCHITECT/ENGINEERS:

URE

23475

Approved: Project Director Wichita, Kansas

ED102 BMW JLW Dwg.



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one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

LIGHTING PLAN NOTES:

- 1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
- 2. A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL CONDUITS.
- 3. ALL PENETRATIONS IN THE RATED WALLS AND CEILINGS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES. THE SEALANT SHALL HAVE A T-RATING OF ONE HOUR.
- 4. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN THE RATED WALLS OR CEILING SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
- 5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LIGHT FIXTURE LOCATIONS. VERIFY ALL DISCREPANCIES WITH ARCHITECT PRIOR TO ROUGH-IN.

KEYED NOTES:

- 11 INSTALL DEVICE IN EXISTING OUTLET BOX. EXISTING CONDUIT IN WALL TO BE USED FOR NEW CABLING/CIRCUITING AS INDICATED.
- 16 INTERLOCK OCCUPANCY SENSORS AS REQUIRED.
- 27 TO EXHAUST FAN WITHIN SPACE. PROVIDE RELAY AS REQUIRED FOR CONTROL OF FAN WITH LIGHTS IN SPACE.

Office of Construction and Facilities Management

Project Number

Building Number

Drawing Number

Dwg.

EL101

Wichita, Kansas

BMW

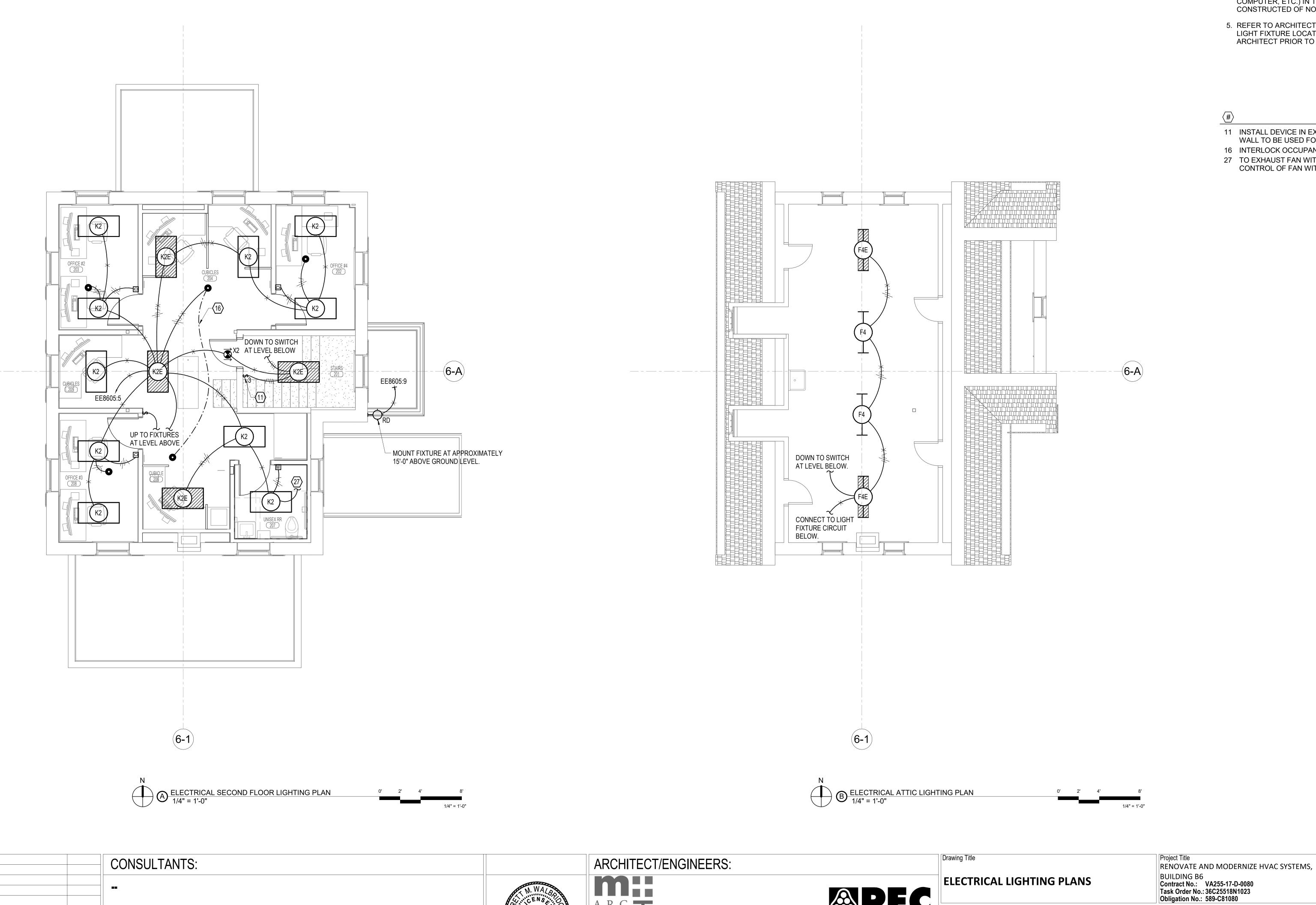
JLW

07/26/18

Approved: Project Director

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589A7-17-300



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one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

LIGHTING PLAN NOTES:

- 1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
- 2. A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL CONDUITS.
- 3. ALL PENETRATIONS IN THE RATED WALLS AND CEILINGS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES. THE SEALANT SHALL HAVE A T-RATING OF ONE HOUR.
- 4. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN THE RATED WALLS OR CEILING SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
- 5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LIGHT FIXTURE LOCATIONS. VERIFY ALL DISCREPANCIES WITH ARCHITECT PRIOR TO ROUGH-IN.

KEYED NOTES:

- 11 INSTALL DEVICE IN EXISTING OUTLET BOX. EXISTING CONDUIT IN WALL TO BE USED FOR NEW CABLING/CIRCUITING AS INDICATED.
- 16 INTERLOCK OCCUPANCY SENSORS AS REQUIRED.
- 27 TO EXHAUST FAN WITHIN SPACE. PROVIDE RELAY AS REQUIRED FOR CONTROL OF FAN WITH LIGHTS IN SPACE.

Office of Construction and Facilities Management

EL102 Department of Veterans Affairs

Project Number

Building Number

Drawing Number

Dwg.

Wichita, Kansas

BMW

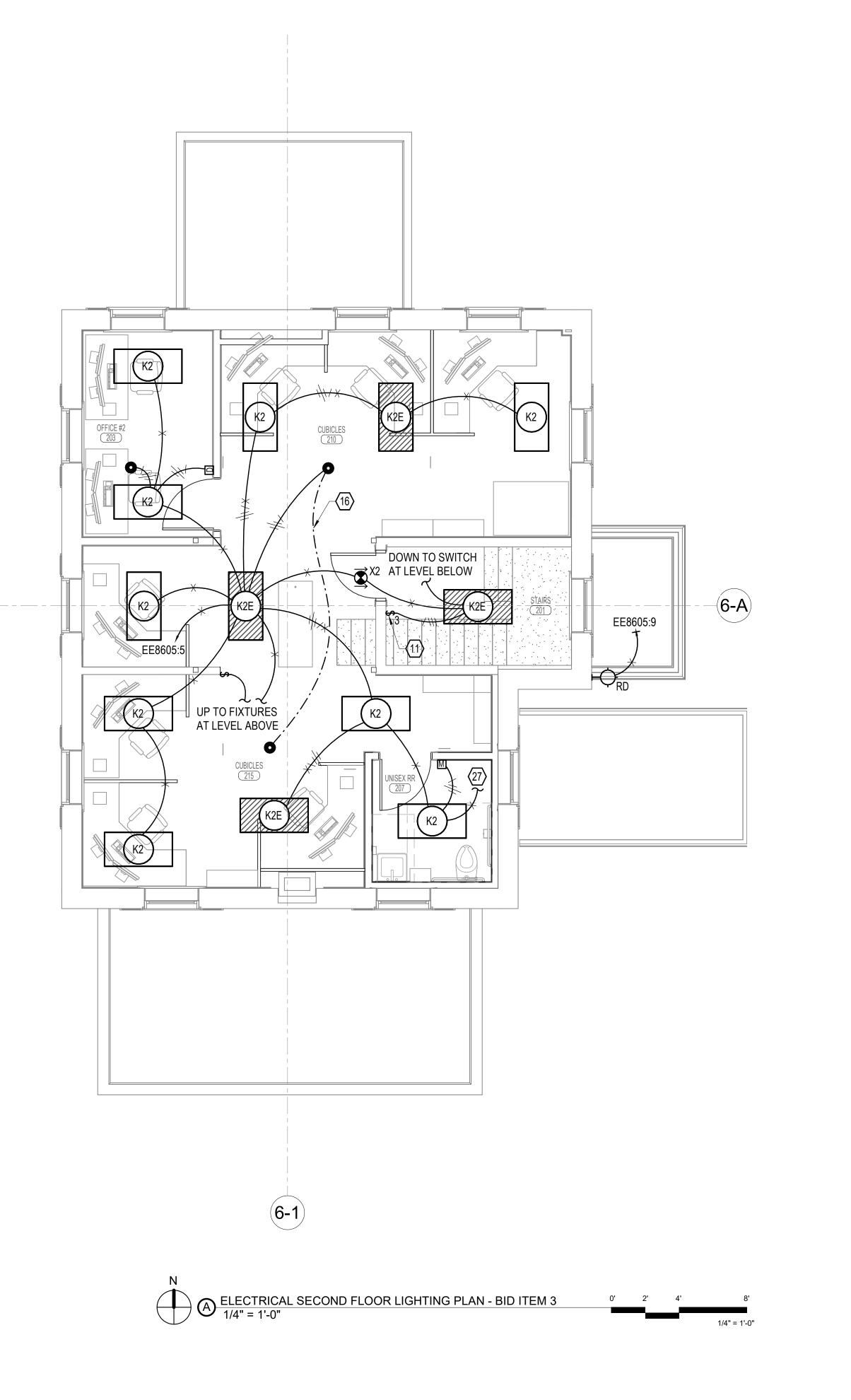
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07/26/18

Approved: Project Director

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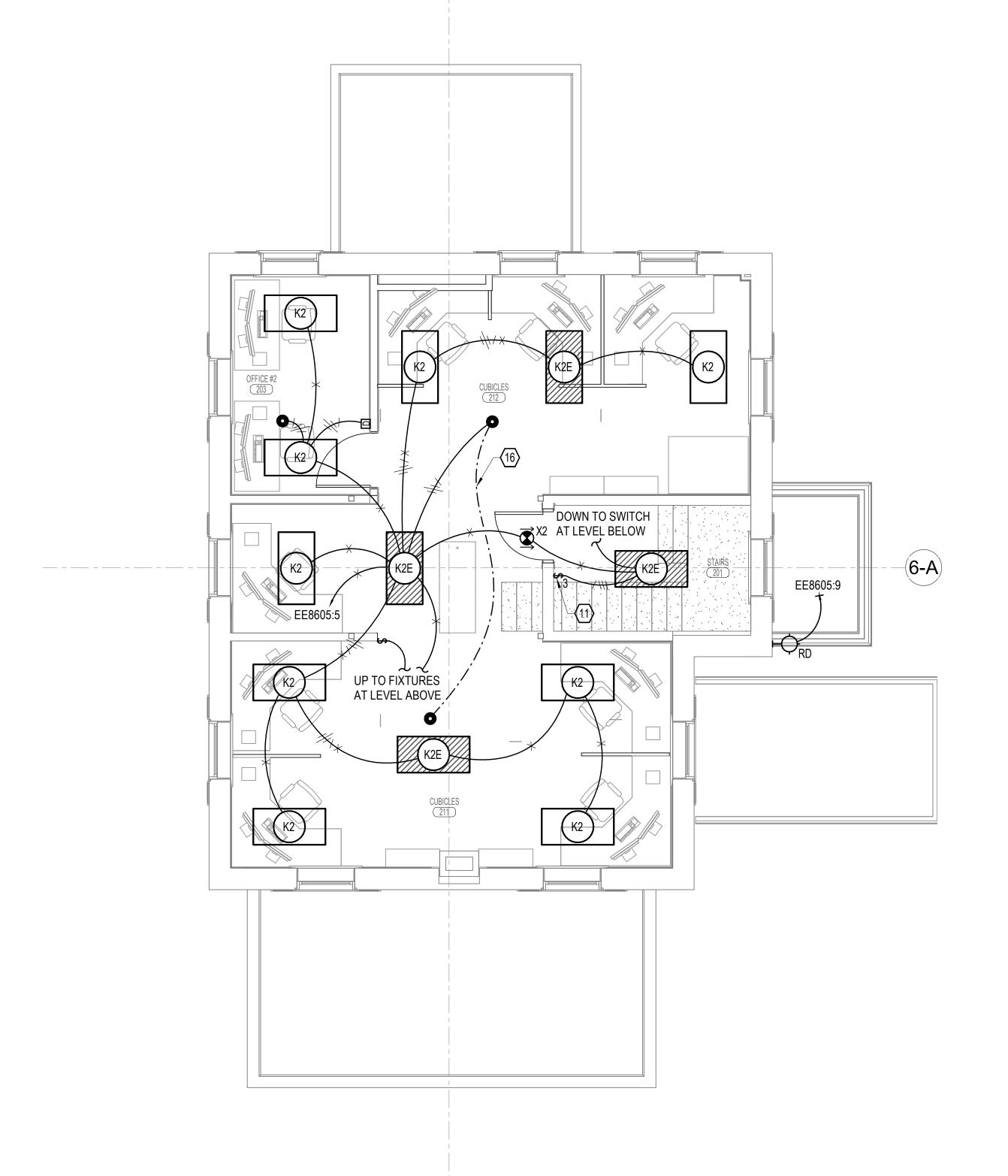
589A7-17-300



one eighth inch = one foot

0 4 8 16

VA FORM 08-6231



6-

B ELECTRICAL SECOND FLOOR LIGHTING PLAN - BID ITEM 4

0' 2' 4' 8'

1/4" = 1'-0"

ARCHITECT/ENGINEERS:

ARCHITECT/ENGINEERS:

ARCHITECT/ENGINEERS:

ARCHITECT/ENGINEERS:

ARCHITECT/ENGINEERS:

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

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ELECTRICAL LIGHTING PLANS - BID
ITEMS

Approved: Project Director

Drawing Title

Project Title
RENOVATE AND MODERNIZE HVAC SYSTEMS,
BUILDING B6
Contract No.: VA255-17-D-0080
Task Order No.: 36C25518N1023
Obligation No.: 589-C81080

07/26/18

SUILDING B6
Contract No.: VA255-17-D-0080
Task Order No.: 36C25518N1023
Obligation No.: 589-C81080

Docation
Wichita, Kansas
Oate

Checked

Drawn

S89A7-17-300

Building Number

Drawing Number

EL103

JLW

BMW

Project Number

Dwg.

LIGHTING PLAN NOTES:

CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.

ALL CONDUITS.

ONE HOUR.

2. A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN

SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES. THE SEALANT SHALL HAVE A T-RATING OF

3. ALL PENETRATIONS IN THE RATED WALLS AND CEILINGS SHALL BE

4. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN THE RATED WALLS OR CEILING SHALL BE

5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LIGHT FIXTURE LOCATIONS. VERIFY ALL DISCREPANCIES WITH

KEYED NOTES:

27 TO EXHAUST FAN WITHIN SPACE. PROVIDE RELAY AS REQUIRED FOR

11 INSTALL DEVICE IN EXISTING OUTLET BOX. EXISTING CONDUIT IN WALL TO BE USED FOR NEW CABLING/CIRCUITING AS INDICATED.

CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.

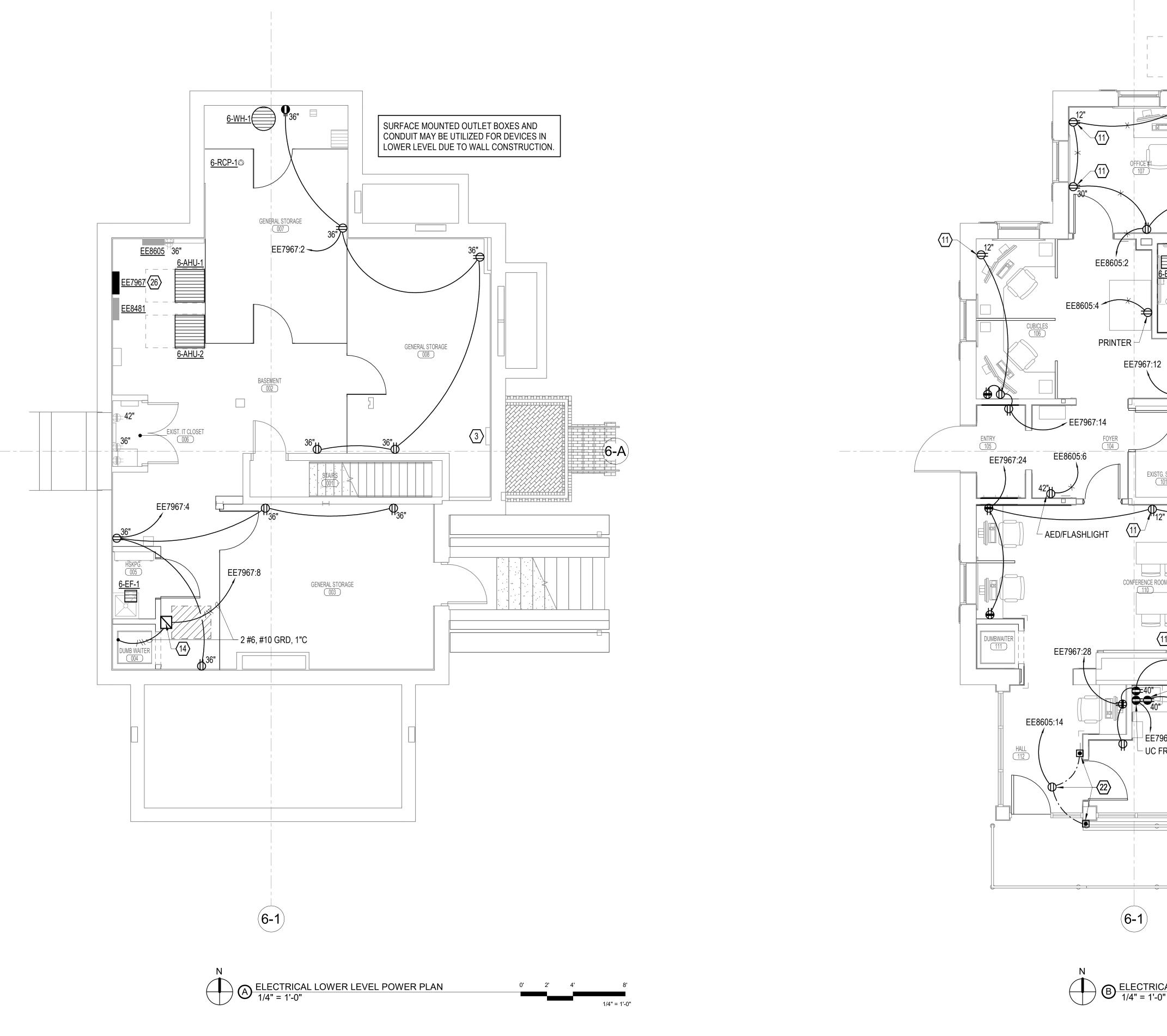
16 INTERLOCK OCCUPANCY SENSORS AS REQUIRED.

CONTROL OF FAN WITH LIGHTS IN SPACE.

ARCHITECT PRIOR TO ROUGH-IN.

1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER

Office of Construction and Facilities Management



ARCHITECT/ENGINEERS:

URE

23475

CONSULTANTS:

one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

POWER PLAN NOTES:

- 1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
- 2. A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL CONDUITS.
- 3. FOR CONNECTION REQUIREMENTS TO MECHANICAL UNITS, SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
- 4. ALL PENETRATIONS IN THE RATED WALLS AND CEILINGS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES. THE SEALANT SHALL HAVE A T-RATING OF ONE HOUR.
- 5. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN THE RATED WALLS OR CEILING SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
- 6. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) SHALL BE LIMITED TO TWO OUTLET BOXES PER STUD SPACE. OUTLET BOXES ON OPPOSITE SIDES OF THE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES.
- 7. FIELD VERIFY THE EXACT LOCATION OF ALL FLOOR BOXES AND POKE-THROUGHS WITH ARCHITECT PRIOR TO ROUGH-IN.

KEYED NOTES:

- 3 EXISTING FIRE ALARM PANEL SHALL REMAIN. ALL EXISTING CABLING TO FIRE ALARM DEVICES SHALL REMAIN AND BE PROTECTED DURING DEMOLITION WORK.
- 11 INSTALL DEVICE IN EXISTING OUTLET BOX. EXISTING CONDUIT IN WALL TO BE USED FOR NEW CABLING/CIRCUITING AS INDICATED.
- 14 30A. 240V. SINGLE PHASE FUSIBLE DISCONNECT SWITCH FOR CONNECTION TO DUMBWAITER POWER & CONTROLS. VERIFY FUSE SIZE WITH FINAL EQUIPMENT MANUFACTURER SPECIFICATIONS.
- 22 RE-CONNECT POWER AND CONTROLS FOR AUTOMATIC DOOR
- OPERATOR AS REQUIRED.

 26 ALL EXISTING CIRCUITS NOT DEMOLISHED SHALL BE REWORKED AND

EXTENDED AS REQUIRED TO BE FED FROM NEW PANELBOARD.

N
B
ELECTRICAL FIRST FLOOR POWER PLAN

0' 2' 4' 8'

1/4" = 1'-0"

303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com COORDINATE DISCONNECT SWITCH

MOUNTING LOCATION WITH VA PRIOR

TO INSTALLATION. PROVIDE UNISTRUT

STAND AS REQUIRED FOR MOUNTING

AWAY FROM BUILDING.

6-CU-4

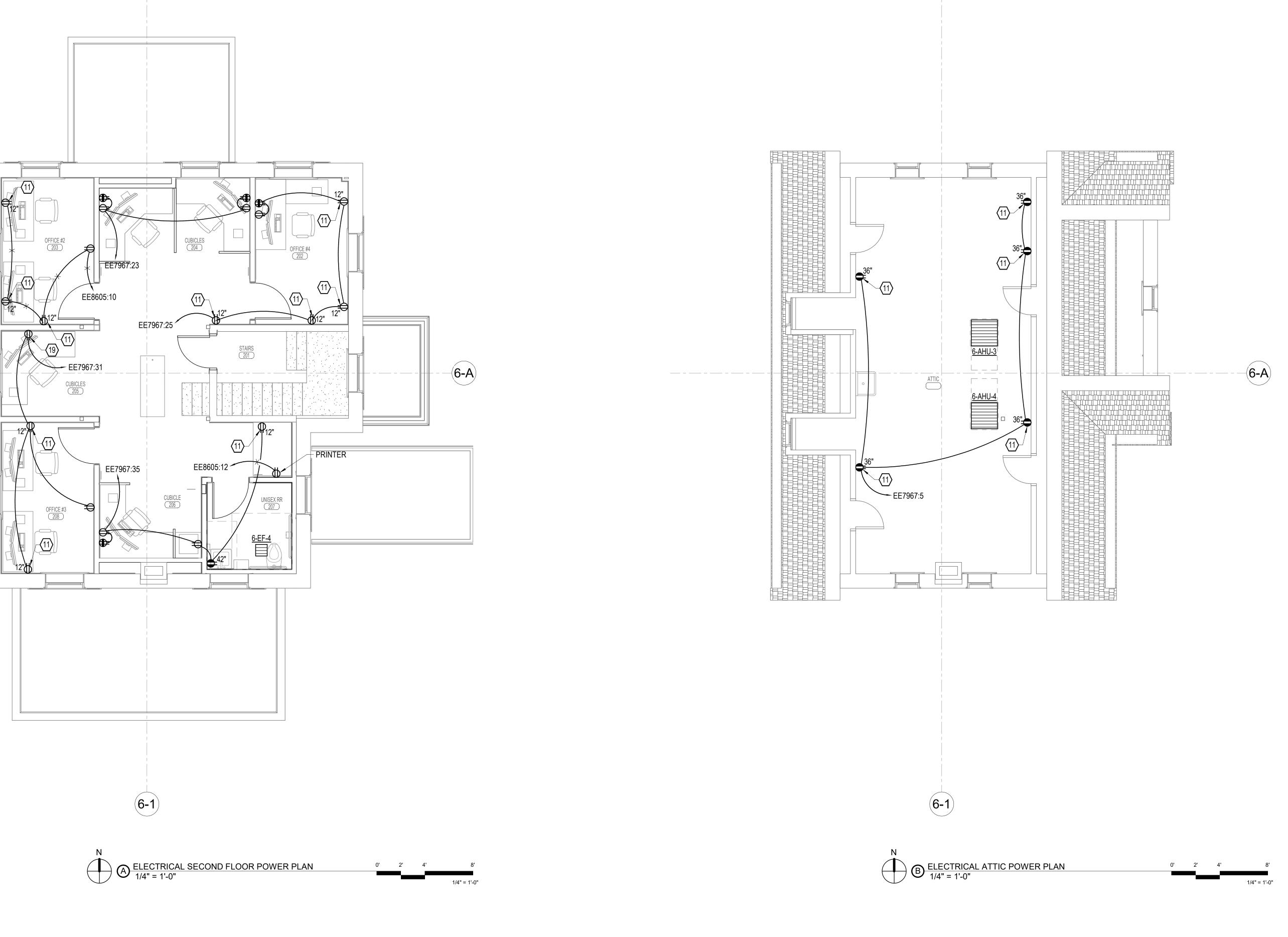
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JLW

Dwg.

Office of Construction and Facilities Management



ARCHITECT/ENGINEERS:

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23475

CONSULTANTS:

one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

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- 7. FIELD VERIFY THE EXACT LOCATION OF ALL FLOOR BOXES AND POKE-THROUGHS WITH ARCHITECT PRIOR TO ROUGH-IN.

KEYED NOTES:

- 11 INSTALL DEVICE IN EXISTING OUTLET BOX. EXISTING CONDUIT IN WALL TO BE USED FOR NEW CABLING/CIRCUITING AS INDICATED.
- 19 CUT, PATCH, AND PAINT EXISITNG WALL AS REQUIRED FOR INSTALLATION OF DEVICE.

Drawing Title

| Project Title | RENOVATE AND MODERNIZE HVAC SYSTEMS, BUILDING B6 | Contract No.: VA255-17-D-0080 | Task Order No.: 36C25518N1023 | Obligation No.: 589-C81080 | Date | Checked | Drawn | Drawing Number | Checked | Drawn | Checked | Dr

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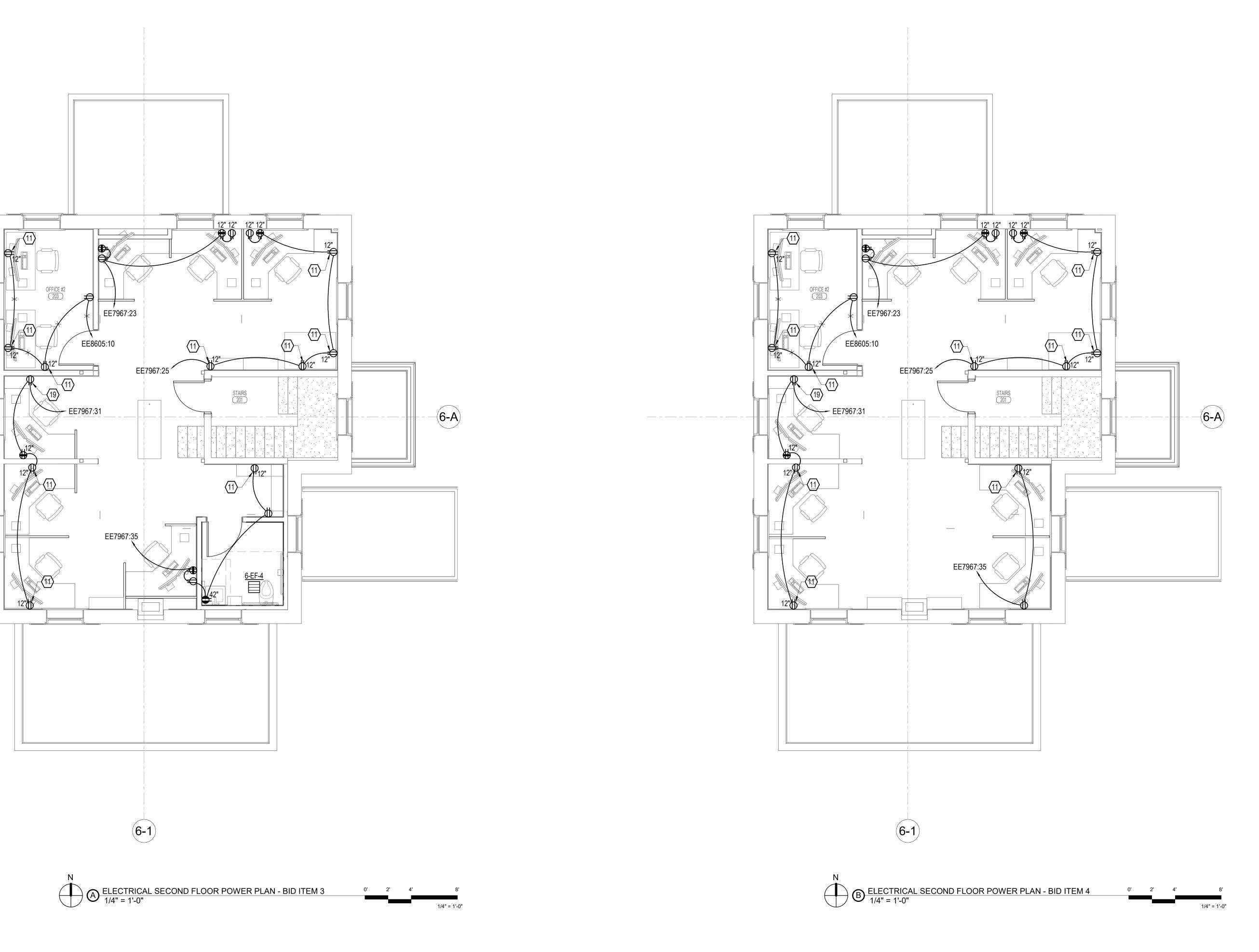
Department of Veterans Affairs

Office of

Construction

and Facilities

Management



ARCHITECT/ENGINEERS:

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23475

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VA FORM 08-6231

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#>

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BUILDING B6
Contract No.: VA255-17-D-0080
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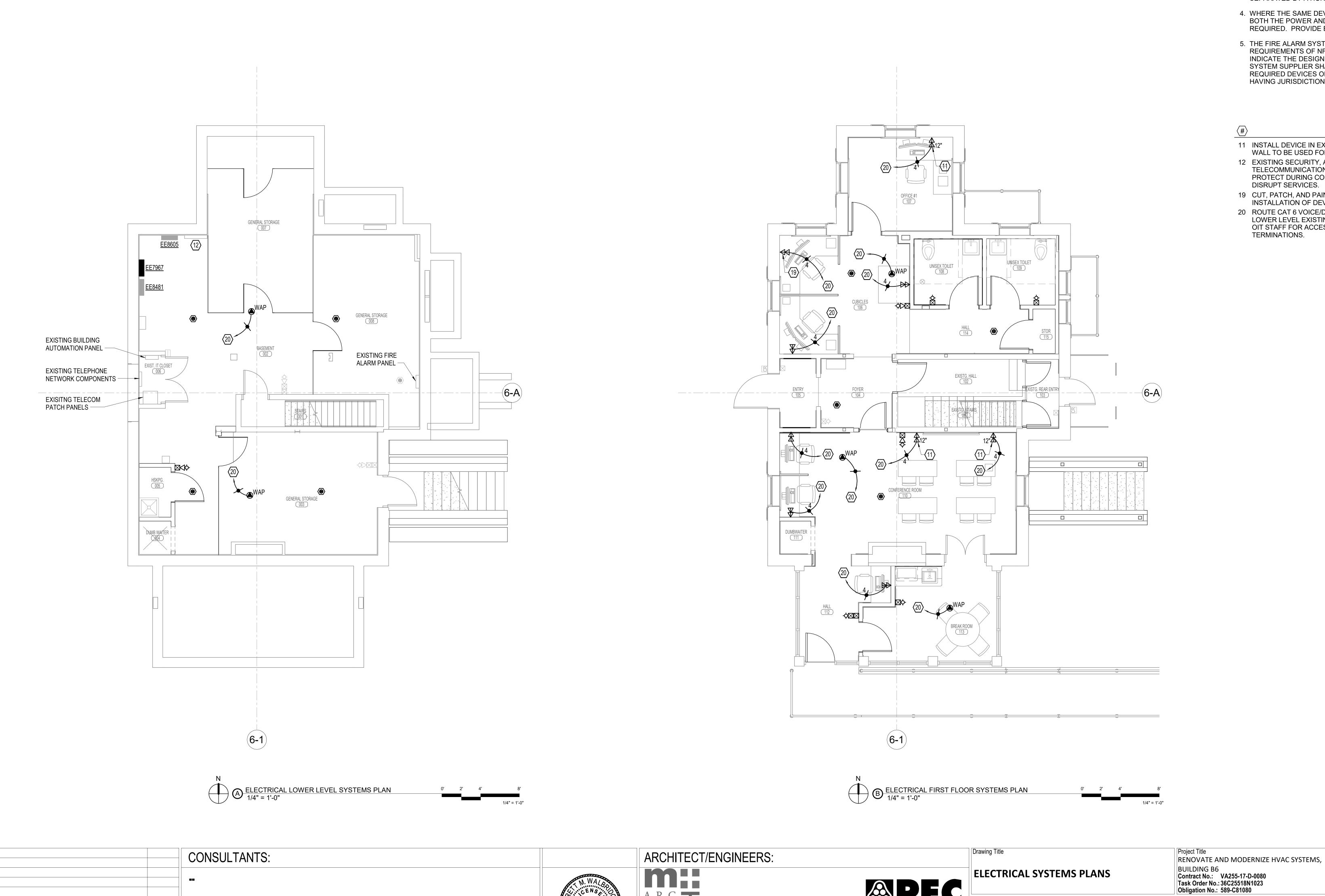
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ELECTRICAL POWER PLANS - BID ITEMS

Construction and Facilities Management

Office of



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one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

SYSTEMS PLAN NOTES:

- 1. ALL PENETRATIONS IN THE RATED WALLS AND CEILINGS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES. THE SEALANT SHALL HAVE A T-RATING OF ONE HOUR.
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- 4. WHERE THE SAME DEVICE IS SHOWN IN THE SAME LOCATION ON BOTH THE POWER AND SYSTEMS PLAN, ONLY ONE DEVICE IS REQUIRED. PROVIDE BOTH POWER AND SYSTEMS WIRING AS SHOWN.
- 5. THE FIRE ALARM SYSTEM SHOWN HAS BEEN DESIGNED PER THE REQUIREMENTS OF NFPA 72. DEVICES SHOWN INDICATE THE DESIGN INTENT AND SHALL BE THE MINIMUM PROVIDED. SYSTEM SUPPLIER SHALL PROVIDE ANY ADDITIONAL CODE REQUIRED DEVICES OR DEVICES REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

KEYED NOTES:

- 11 INSTALL DEVICE IN EXISTING OUTLET BOX. EXISTING CONDUIT IN WALL TO BE USED FOR NEW CABLING/CIRCUITING AS INDICATED.
- 12 EXISTING SECURITY, ACCESS CONTROL, FIBER, AND TELECOMMUNICATIONS SYSTEMS COMPONENTS TO REMAIN. PROTECT DURING CONSTRUCTION SO AS NOT TO DAMAGE OR DISRUPT SERVICES.
- 19 CUT, PATCH, AND PAINT EXISITNG WALL AS REQUIRED FOR INSTALLATION OF DEVICE.
- 20 ROUTE CAT 6 VOICE/DATA CABLE(S) TO PATCH PANEL LOCATED IN LOWER LEVEL EXISTING IT CLOSET 006. COORDINATE WITH COR AND OIT STAFF FOR ACCESS TO TELECOM CLOSET AND PATCH PANEL TERMINATIONS.

Project Number Office of 589A7-17-300 Construction **Building Number** and Facilities Drawing Number Management

Wichita, Kansas

BMW

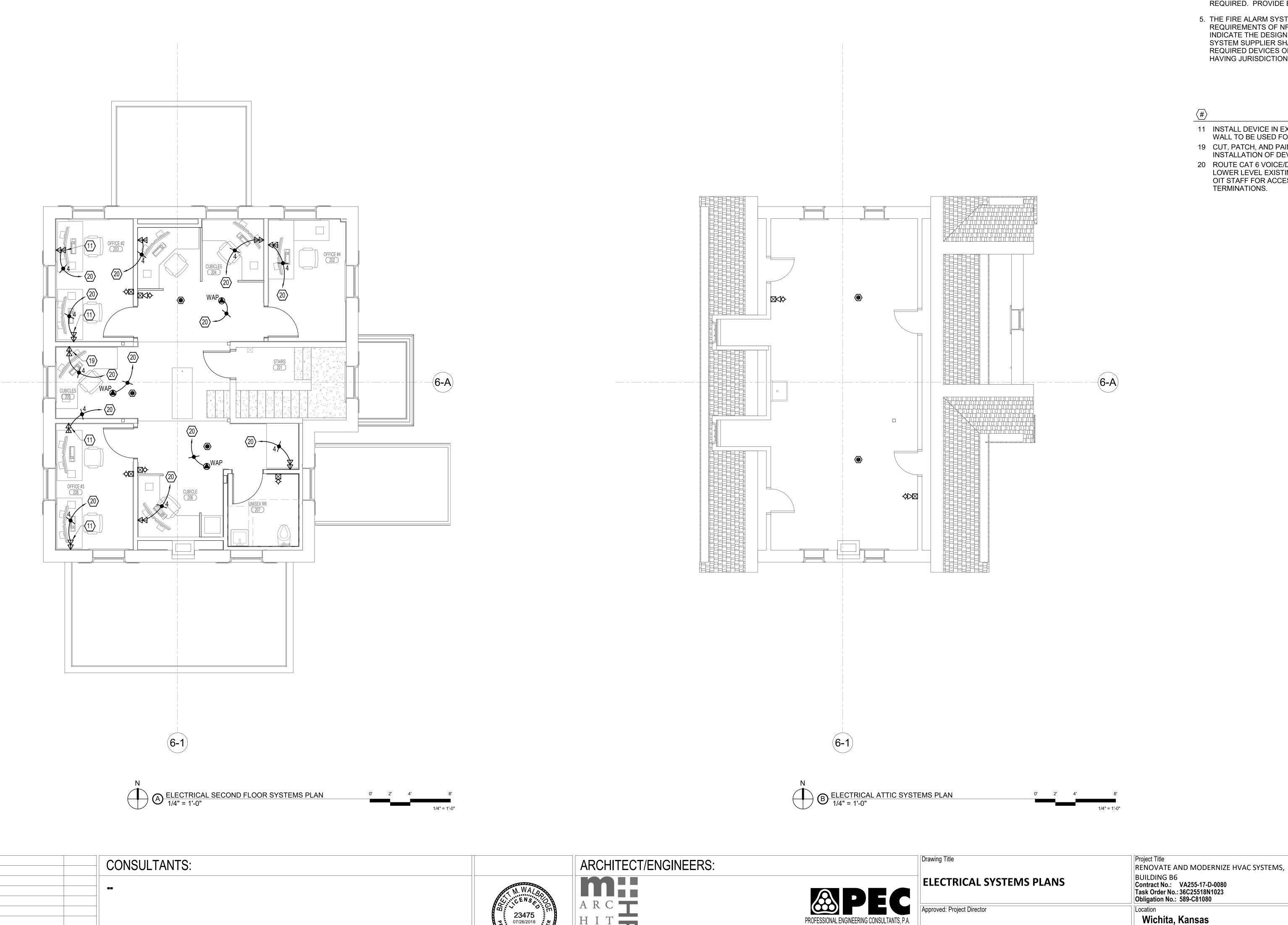
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one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

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KEYED NOTES:

- 19 CUT, PATCH, AND PAINT EXISITNG WALL AS REQUIRED FOR INSTALLATION OF DEVICE.
- 20 ROUTE CAT 6 VOICE/DATA CABLE(S) TO PATCH PANEL LOCATED IN LOWER LEVEL EXISTING IT CLOSET 006. COORDINATE WITH COR AND OIT STAFF FOR ACCESS TO TELECOM CLOSET AND PATCH PANEL TERMINATIONS.

Office of Construction and Facilities Management

Project Number

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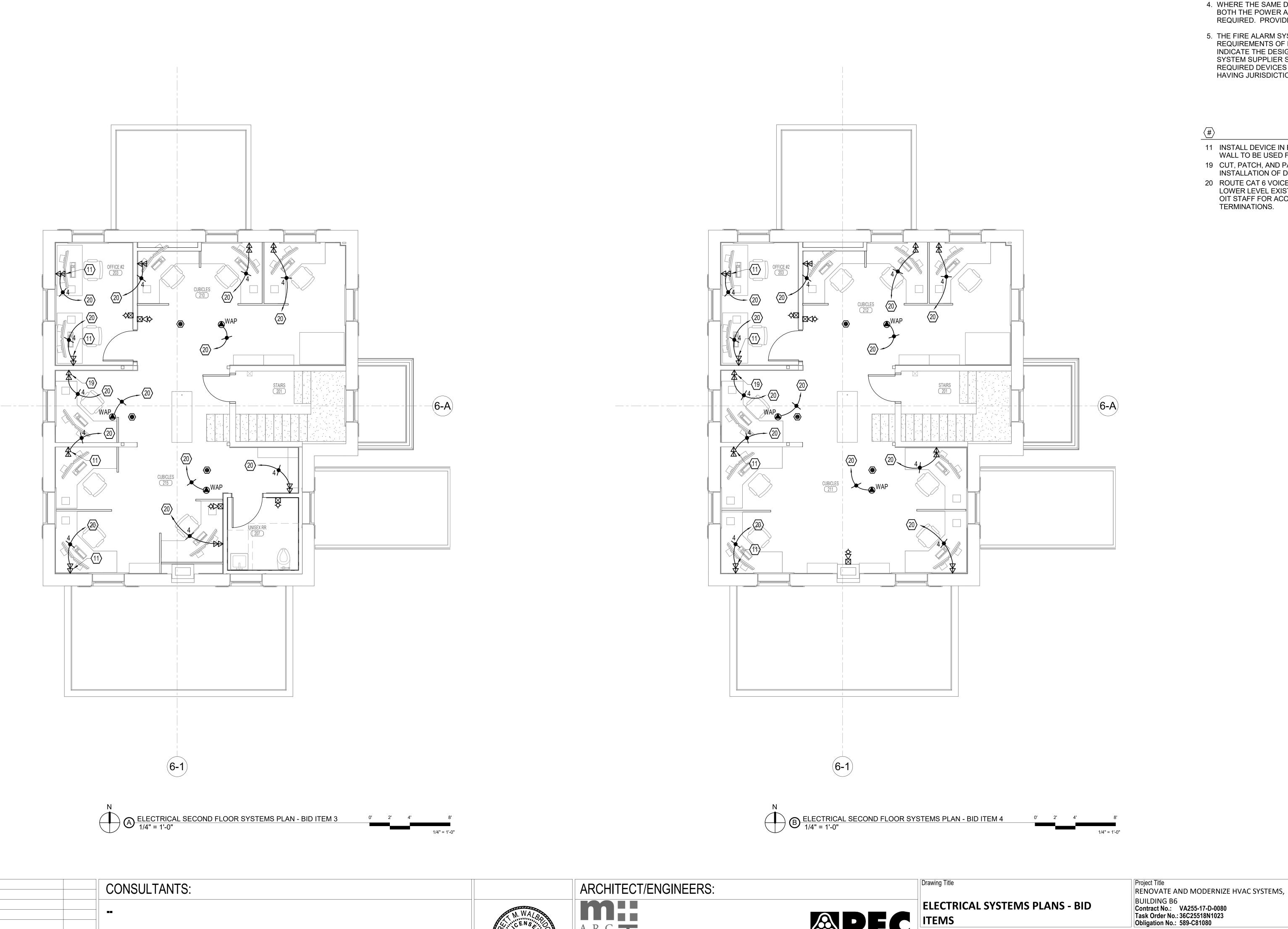
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Office of Construction and Facilities Management

EY103 Department of Veterans Affairs

Project Number

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Drawing Number

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JLW

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Wichita, Kansas

07/26/18

Approved: Project Director

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