

PANELBOARD SCHEDULE													
MARK: HQPA													
ENCLOSURE	MOUNTING SURFACE	VOLTAGE	# WIRES	KWIC RATING	MAINS			BUS RATINGS			SERVICE RATED	NOTES	
NEMA 1	4	480Y/277	3 4	14	MCR	350	400			100%	NO	EXISTING OR PANELBOARD	
OKT #	LOAD DESCRIPTION	BREAKER P TRIP	PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD DESCRIPTION	OKT #	
1	SPACE										SPACE	2	
3	SPACE										SPACE	4	
5	SPACE										SPACE	6	
7	SPACE										SPACE	8	
9	SPACE										SPACE	10	
11	SPACE										SPACE	12	
13	SPACE	1 20							20 1		SPACE	14	
15	SPACE	1 20							20 1		SPACE	16	
17	SPACE	1 20							20 1		SPACE	18	
19	SPACE	1 20							20 1		SPACE	20	
21	LGT - ELEV SHAFT	1 20							20 1		SPACE	22	
23	SPACE	1 20							20 1		SPACE	24	
25	SPACE										SPACE	26	
27	TRANSFORMER DT-QPA	3 40							80 3		PENTHOUSE AC UNIT	28	
29	SPACE										SPACE	30	
31	SPACE										SPACE	32	
33	ELEV S1	3 150									SPACE	34	
35	SPACE										SPACE	36	
37	ELEV S2	3 150									SPACE	38	
39	SPACE										SPACE	40	
41	SPACE										SPACE	42	

TOTAL (kVA) ϕA ϕB ϕC HIGH PHASE (AMPS)
TOTAL CONNECTED LOAD (kVA) TOTAL LOAD (AMPS)
CREATE A DIRECTORY TO INDICATE INSTALLED LOADS, INDICATE LOAD TYPE (REC, LGT, AHU-1, ETC.) AND ROOM NUMBERS SERVED FOR EVERY BRANCH CIRCUIT.

PANELBOARD SCHEDULE													
MARK: QPA													
ENCLOSURE	MOUNTING SURFACE	VOLTAGE	# WIRES	KWIC RATING	MAINS			BUS RATINGS			SERVICE RATED	NOTES	
NEMA 1	4	480Y/277	3 4	14	MCR	50	125			100%	NO	EXISTING OR PANELBOARD	
OKT #	LOAD DESCRIPTION	BREAKER P TRIP	PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD DESCRIPTION	OKT #	
1	LGT MACH RM	1 20							20 1		LGT MACH RM	2	
3	REC - MACH RM	1 20							20 1		ELEV SHAFT LIGHTING	4	
5	PANEL REC & OUTSIDE WALL	1 20							20 1		SPACE	6	
7	ELEV CAB LGT S1	1 20							20 1		ELEV SHAFT POWER	8	
9	ELEV CAB LGT S2	1 20							20 1		SPACE	10	
11	SPACE	1 20							20 1		SPACE	12	
13	SPACE	1 20							20 1		SPACE	14	
15	SPACE	1 20							20 1		SPACE	16	
17	SPACE	1 20							20 1		SPACE	18	
19	SPACE	1 20							20 1		SPACE	20	
21	SPACE	1 20							20 1		SPACE	22	
23	SPACE	1 20							20 1		SPACE	24	
25	SPACE										SPACE	26	
27	SPACE										SPACE	28	
29	SPACE										SPACE	30	

TOTAL (kVA) ϕA ϕB ϕC HIGH PHASE (AMPS)
TOTAL CONNECTED LOAD (kVA) TOTAL LOAD (AMPS)
CREATE A DIRECTORY TO INDICATE INSTALLED LOADS, INDICATE LOAD TYPE (REC, LGT, AHU-1, ETC.) AND ROOM NUMBERS SERVED FOR EVERY BRANCH CIRCUIT.

PANELBOARD SCHEDULE													
MARK: HQPB													
ENCLOSURE	MOUNTING SURFACE	VOLTAGE	# WIRES	KWIC RATING	MAINS			BUS RATINGS			SERVICE RATED	NOTES	
NEMA 1	4	480Y/277	3 4	22	MCR	350	400			100%	NO	EXISTING OR PANELBOARD	
OKT #	LOAD DESCRIPTION	BREAKER P TRIP	PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD DESCRIPTION	OKT #	
1	EXHAUST FAN EF-18	3 15									SPACE	2	
3	SPACE										SPACE	4	
5	SPACE										SPACE	6	
7	ELEVATOR P-10	3 125							80 3		ROOFTOP AC	8	
9	SPACE										SPACE	10	
11	SPACE										SPACE	12	
13	SPACE										SPACE	14	
15	SPACE										SPACE	16	
17	SPACE										SPACE	18	
19	SPACE										SPACE	20	
21	SPACE										SPACE	22	
23	SPACE										SPACE	24	
25	SPACE										SPACE	26	
27	SPACE										SPACE	28	
29	SPACE										SPACE	30	
31	SPACE										SPACE	32	
33	SPACE										SPACE	34	
35	SPACE										SPACE	36	
37	SPACE										SPACE	38	
39	SPACE										SPACE	40	
41	SPACE										SPACE	42	
43	SPACE										SPACE	44	
45	ELEVATOR P-12	3 125							125 3		ELEVATOR P-11	46	
47	SPACE										SPACE	48	
49	TRANSFORMER DT-QPB	3 40							15 3		EXHAUST FAN EF-17	50	
51	SPACE										SPACE	52	
53	FIRE PROTECTION	1 20							20 1		LGT - ELEV HOISTWAY	54	
55	FIRE PROTECTION	1 20							20 1		SPACE	56	
57	SPACE	1 20							20 1		SPACE	58	
59	SPACE										SPACE	60	

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PANELBOARD SCHEDULE													
MARK: QPB													
ENCLOSURE	MOUNTING SURFACE	VOLTAGE	# WIRES	KWIC RATING	MAINS			BUS RATINGS			SERVICE RATED	NOTES	
NEMA 1	4	480Y/277	3 4	14	MCR	50	125			100%	NO	EXISTING OR PANELBOARD	
OKT #	LOAD DESCRIPTION	BREAKER P TRIP	PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD DESCRIPTION	OKT #	
1	REC - ELEV MACH RM	1 20							20 1		LGT - MACH RM	2	
3	LGT & REC	1 20							20 1		LGT - ELEV MACH RM	4	
5	CONTROLS MACH RM	1 20							20 1		CONTROLS MACH RM	6	
7	SPACE	1 20							20 1		TRANSFORMER DT-QPB	8	
9	EXHAUST FAN EF-19	1 20							20 1		TRANSFORMER DT-QPB	10	
11	P-12 ELEV LGT & REC	1 20							20 1		SPACE	12	
13	REC - ELEV MACH RM	1 20							20 1		REC - MACH RM	14	
15	P-10 ELEV CAB LGT	1 20							20 1		REC - ROOF	16	
17	ELEV INTERFACE CONTROL	1 20							20 1		SPACE	18	
19	REC - ELEV MACH RM	1 20							20 1		SPACE	20	
21	SPACE	1 20							20 1		SPACE	22	
23	SPACE	1 20							20 1		SPACE	24	
25	SPACE										SPACE	26	
27	SPACE										SPACE	28	
29	SPACE										SPACE	30	

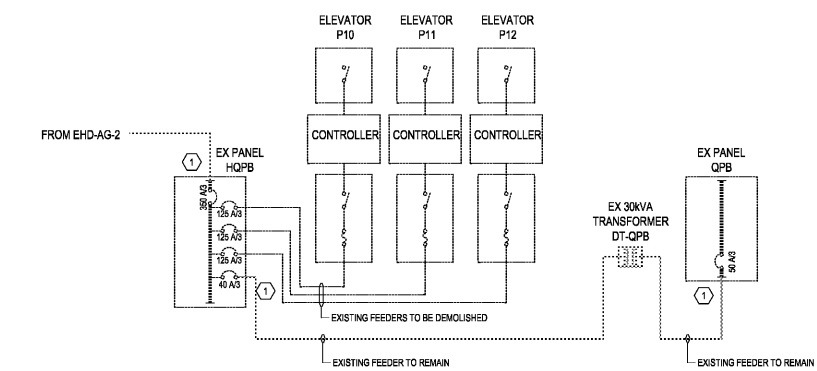
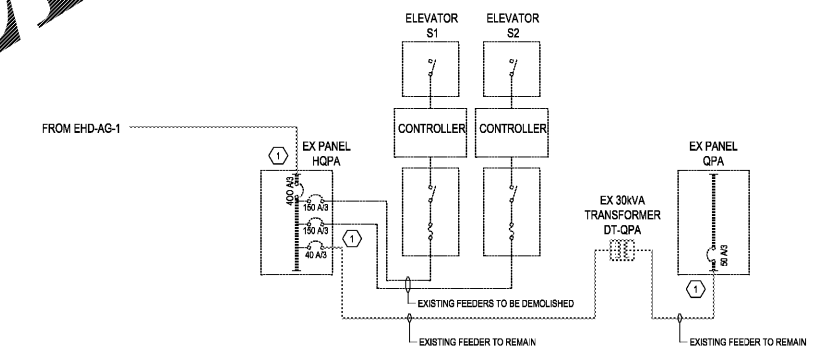
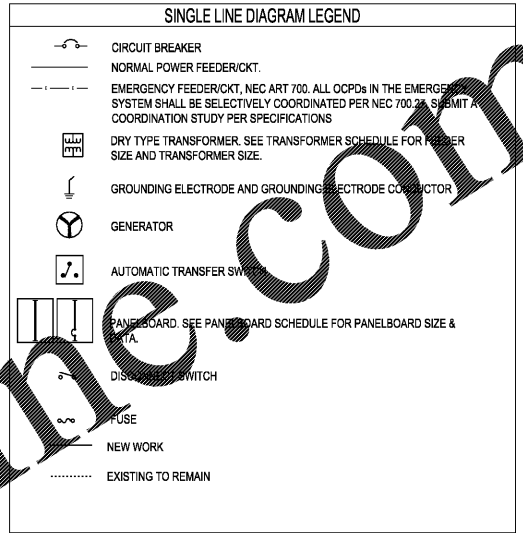
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TOTAL CONNECTED LOAD (kVA) TOTAL LOAD (AMPS)
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SHEET NOTES

- EXISTING CONDUCTORS TO REMAIN. COIL AND PROTECT EXISTING CONDUCTORS DURING DEMOLITION OF EXISTING PANELBOARDS. CONTRACTOR SHALL INSTALL ANY ADDITIONAL CONDUIT AND FITTINGS TO ALLOW INSTALLATION OF NEW PANELBOARDS.

GENERAL NOTES

- THIS IS AN ELECTRICAL POWER DISTRIBUTION SYSTEM SINGLE LINE DIAGRAM. NOT ALL MECHANICAL EQUIPMENT CIRCUITS AND BRANCH CIRCUITS ARE SHOWN.
- CONDUCTORS ON THE SECONDARY OF DRY-TYPE TRANSFORMERS SHALL BE INSTALLED WITHIN 10' PER NEC 240.21(C)(2).
- LOCATION OF MAIN BREAKERS AND FEEDERS INTO EQUIPMENT IS NOT INTENDED TO SHOW TOP OR BOTTOM MOUNTED MAIN BREAKER OR BOTTOM, TOP OR SIDE FEEDER ENTRY. THE SINGLE LINE DIAGRAM IS PURELY DIAGRAMMATIC. CONTRACTOR SHALL VERIFY PROPER BREAKER POSITIONS AND FEEDER ENTRIES INTO EQUIPMENT AND PROVIDE AS REQUIRED.
- MINIMUM WIRE SIZE #12 CU. #12 CU. GND.



1 ELECTRICAL SINGLE LINE DIAGRAM - DEMOLITION

Scale: one eighth inch = one foot, one quarter inch = one foot, one half inch = one foot, three eighths inch = one foot, three quarters inch = one foot, one inch = one foot, one and one half inches = one foot, two inches = one foot, three inches = one foot, four inches = one foot, five inches = one foot, six inches = one foot, eight inches = one foot, ten inches = one foot, twelve inches = one foot.

Order Plans

CONSULTANTS: 	ARCHITECT/ENGINEERS: BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716	Drawing Title: DEMOLITION SINGLE LINE DIAGRAMS SCHEDULES	Project Title: UPGRADE ELEVATORS BUILDINGS A, B, C, AND D	Project Number: 508-14-123	Building Number: A	Drawing Number: EP601	Date: 05/01/2017	Drawn: KRW	Checked: MCE	Dwg. 26 of 28	ATLANTA VA MEDICAL CENTER
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