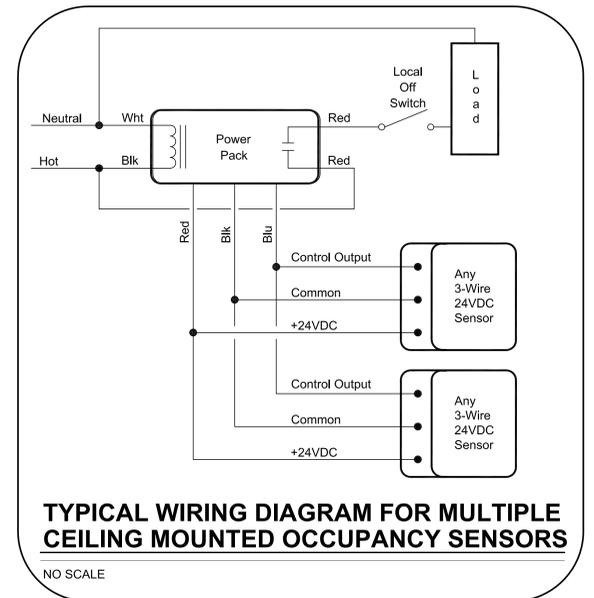
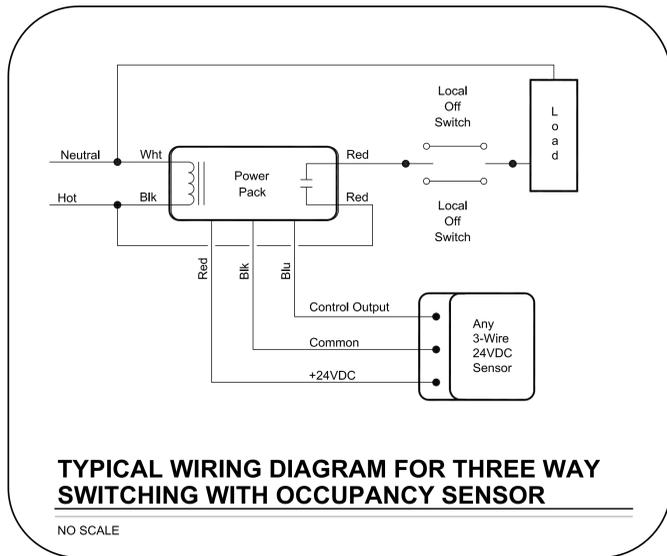
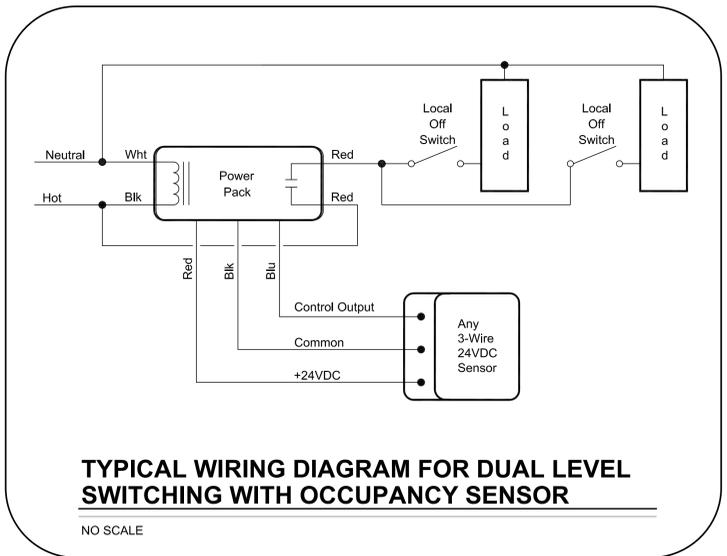
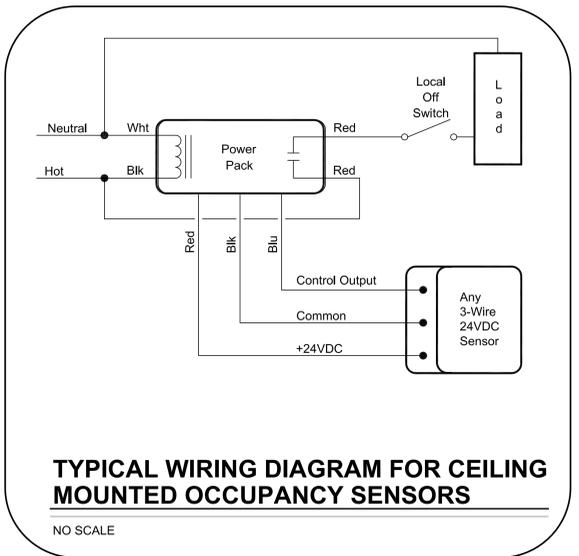


three inches = one foot  
 one and one half inch = one foot  
 one inch = one foot  
 three-quarters inch = one foot  
 one-half inch = one foot  
 three-eighths inch = one foot  
 one-quarter inch = one foot  
 one-eighth inch = one foot

A  
 B  
 C  
 D  
 E



EX. PANEL: DP1 RATING: 800 AMPS MAIN: MCB VOLTAGE: 208 Y/120 V 3 PH 4 W  
 AIC: 22,000 MOUNTING: SURFACE NOTE: SIEMENS TYPE P5 PANEL  
 LOCATION: 2ND FLOOR DATA CENTER

CKT	EQUIPMENT SERVED	LOAD (KVA)			BUS	CB	LOAD (KVA)			EQUIPMENT SERVED	CKT	
		A0	B0	C0			A0	B0	C0			
1	EX. CRAC UNIT 2-1			90	A B C			100		SPARE	2	
3	.....									.....	4	
5	.....									.....	6	
7	EX. CRAC UNIT 2-2			90	A B C			100		.....	8	
9	.....									.....	10	
11	.....									.....	12	
13	EX. CRAC UNIT 2-3			90	A B C			100		.....	14	
15	.....									.....	16	
17	.....									.....	18	
19	NEW CRAC-1	7.4		80	A B C			150		EX. PANEL RP1	20	
21	.....									.....	22	
23	NEW CRAC-2	7.4	7.4	80	A B C			350		EX. PANEL PDU	24	
25	.....									.....	26	
27	.....									.....	28	
29	.....									.....	30	
31	.....									.....	32	
33	SPACE									.....	34	
35	.....									.....	36	
37	.....									.....	38	
39	.....									.....	40	
41	.....									.....	42	
CONNECTED LOAD:												
A0:	KVA=	A										
B0:	KVA=	A										
C0:	KVA=	A										

EX. PANEL: RP1 RATING: 250 AMPS MAIN: MLO VOLTAGE: 208 Y/120 V 3 PH 4 W  
 AIC: 22,000 MOUNTING: SURFACE NOTE: SIEMENS TYPE P1 PANEL  
 LOCATION: 2ND FLOOR DATA CENTER

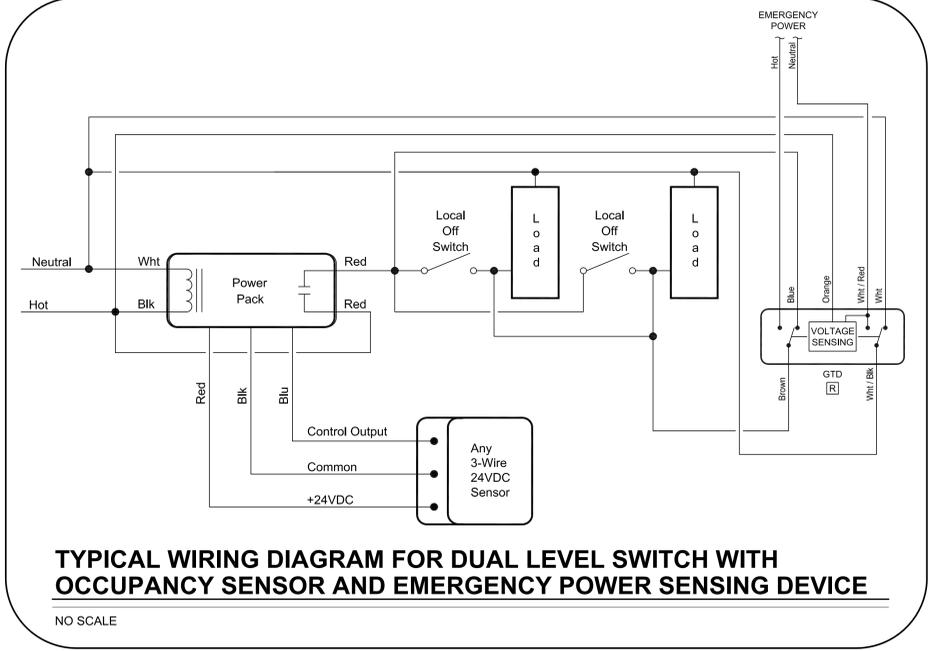
CKT	EQUIPMENT SERVED	LOAD (KVA)			BUS	CB	LOAD (KVA)			EQUIPMENT SERVED	CKT	
		A0	B0	C0			A0	B0	C0			
1	EX. CARD READERS			20	A B C			20		EX. DOOR LOCKS	2	
3	SPARE			15	A B C			15		.....	4	
5	.....									.....	6	
7	EX. ROOF GFI RECEPT			20	A B C			20		.....	8	
9	SPACE									.....	10	
11	EX. EPO RELAY			20	A B C			15		EX. ROOF CU 2-2	12	
13	SPARE									.....	14	
15	SPACE									.....	16	
17	EX. ROOF CU 2-1			15	A B C			15		EX. ROOF CU 2-3	18	
19	.....									.....	20	
21	.....									.....	22	
23	EX. SHUNT TRIP RECEPT			20	A B C			20		EX. RECEPT DATA CENTER	24	
25	.....									EX. RECEPT DATA CENTER	26	
27	EX. SHUNT TRIP RECEPT			20	A B C			20		EX. UNDERFLOOR RECEPT	28	
29	.....									.....	30	
31	NEW ROOF CRAC CU-1	1.2		15	A B C			1.2		NEW ROOF CRAC CU-2	32	
33	.....									.....	34	
35	.....									.....	36	
37	SPACE									.....	38	
39	.....									.....	40	
41	.....									.....	42	
CONNECTED LOAD:												
A0:	KVA=	A										
B0:	KVA=	A										
C0:	KVA=	A										

PANEL: ACP RATING: 800 AMPS MAIN: 500A MCB VOLTAGE: 208 Y/120 V 3 PH 4 W  
 AIC: 42,000 MOUNTING: SURFACE NOTE: -  
 LOCATION: PENTHOUSE

CKT	EQUIPMENT SERVED	LOAD (KVA)			BUS	CB	LOAD (KVA)			EQUIPMENT SERVED	CKT	
		A0	B0	C0			A0	B0	C0			
1	EXISTING LOAD			20	A B C			20		EXISTING LOAD	2	
3	EXISTING LOAD			20	A B C			20		EXISTING LOAD	4	
5	EXISTING LOAD			20	A B C			20		EXISTING LOAD	6	
7	EXISTING LOAD			20	A B C			20		EXISTING LOAD	8	
9	EXISTING LOAD			20	A B C			30		EXISTING LOAD	10	
11	.....									.....	12	
13	.....									.....	14	
15	AHU-1	5.6		90	A B C			175		AC-1	16	
17	.....									.....	18	
19	.....									.....	20	
21	CWP-1	1.3		20	A B C			1.3		CWP-2	22	
23	.....									.....	24	
25	.....									.....	26	
27	HWP-1	0.8		15	A B C			0.8		HWP-2	28	
29	.....									.....	30	
31	.....									.....	32	
33	RAF-1	2.0		30	A B C			1.2		CCC-1	34	
35	.....									HCC-1	36	
37	.....									EF-1	38	
39	SPARE			20	A B C			0.5		ATC PANEL	40	
41	SPARE									.....	42	
CONNECTED LOAD:												
A0:	KVA=	A										
B0:	KVA=	A										
C0:	KVA=	A										

EX. PANEL: PEP RATING: 225 AMPS MAIN: 225 VOLTAGE: 208 Y/120 V 3 PH 4 W  
 AIC: 22,000 MOUNTING: SURFACE NOTE: WESTINGHOUSE PRL1 TYPE  
 LOCATION: PENTHOUSE

CKT	EQUIPMENT SERVED	LOAD (KVA)			BUS	CB	LOAD (KVA)			EQUIPMENT SERVED	CKT	
		A0	B0	C0			A0	B0	C0			
1	HEAT TRACE	0.8		20	A B C			35		SPARE	2	
3	EXISTING LOAD			20	A B C			20		.....	4	
5	EXISTING LOAD			20	A B C			20		.....	6	
7	EXISTING LOAD			20	A B C			0.2		LIGHTING	8	
9	EXISTING LOAD			20	A B C			20		EXISTING LOAD	10	
11	SPACE									SPACE	12	
13	.....									EXISTING LOAD	14	
15	.....									.....	16	
17	.....									.....	18	
19	.....									.....	20	
21	.....									.....	22	
23	.....									.....	24	
25	.....									.....	26	
27	.....									.....	28	
29	.....									.....	30	
CONNECTED LOAD:												
A0:	KVA=	A										
B0:	KVA=	A										
C0:	KVA=	A										



- DRAWING NOTES:**
- RECONNECT EXISTING BRANCH CIRCUIT TO NEW CIRCUIT BREAKER.
  - PROVIDE NEW BRANCH CIRCUIT BREAKER IN EXISTING SPACE. MATCH EXISTING CIRCUIT BREAKER TYPE AND AIC RATING.
  - CONNECT TO EXISTING SPARE BRANCH CIRCUIT BREAKER MADE AVAILABLE DUE TO DEMOLITION.
  - PROVIDE GFCI TYPE CIRCUIT BREAKER.
  - BREAKER LOCATED ON SUB FEED.

Revisions:

No.	Description	Date

Consultants  
**BURDETTE KOEHLER MURPHY & ASSOCIATES, INC.**  
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 1425 CLARKVIEW ROAD, SUITE 300  
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**POLT DESIGN GROUP**  
 1301 Enterprise Court, Suite 103-C Bel Air, Maryland 21014-1847 fax 410.803.2141 410.838.1603  
 www.polt-design.com

Drawing Scale:  
 Drawing Title:  
**ELECTRICAL DETAILS & SCHEDULES**  
 Drawing Start Date:  
 Drawing Finish Date:  
 Drawing Approved:

Approved: Associate Director for Operations:  
 Approved: Chief, Facilities Engineer:  
 Approved: Director, Medical Center:

Project Title:  
**BUILDING 15 RENOVATION**  
 Building No: 15  
 Checked: RAM  
 Drawn: BMG  
 Date: 12-19-2012  
 Project No: xxx-10-xxx  
 DRAWING NO: 15-E9  
 Dwg. - Of xx  
 Location: VAMHCS MEDICAL CENTER WILMINGTON, DELAWARE

DEPARTMENT OF VETERANS AFFAIRS  
 BKM# 070360.060