PANELBOARD: X-RAY — PANEL SOURCE: XRAY60A

BUS AMPACITY	225	VOLTS	277/480
BRANCH BRKR POLES	42	PHASE	3
MLO AMPS	400A	WIRES	4
MCB A/P		SURFACE	X
		RECESSED	
		A/C	

FEED THRU LUGS: — LOAD FED: — LARGEST MOTOR FLA:

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C	BRKR A/P	CCT #	LOAD TO BE FED
2242 RADIOLOGY	1	125/3							80/3	2	2261 RADIOLOGY
X	3	X							X	4	X
X	5	X							X	6	X
2266 CT SCAN	7	125/3							80/3	8	2263 RADIOLOGY
X	9	X							X	10	X
X	11	X							X	12	X
SPACE	13									14	SPACE
X	15	X							X	16	X
X	17	X							X	18	X
	19									20	
	21									22	
	23									24	
	25									26	
	27									28	
	29									30	
	31									32	
	33									34	
	35									36	
	37									38	
	39									40	
	41									42	

	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C
CONNECTED LIGHTS						
CONNECTED RECEPTS						
CONNECTED HVAC BLOWERS						
CONNECTED HVAC A/C						
CONNECTED HVAC HTG						
CONNECTED HVAC						
CONNECTED MISC						
TOTAL PHASES						
TOTAL PANEL						
PANEL MCA						

NOTES:

PANELBOARD: PANEL CR2C — PANEL SOURCE: CRDIST

BUS AMPACITY	225	VOLTS	120/208
BRANCH BRKR POLES	42	PHASE	3
MLO AMPS	225	WIRES	4
MCB A/P		SURFACE	X
		RECESSED	
		A/C	

FEED THRU LUGS: — LOAD FED: — LARGEST MOTOR FLA:

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C	BRKR A/P	CCT #	LOAD TO BE FED
2215A Recep	1	50/2	3,500			1,080			20/1	2	2215 Recep
x	3	x		3,500			540		20/1	4	2215A Recep
2215A Recep	5	20/1			1,800			720	20/1	6	2217 Recep
2215,2215A,2218 Lights	7	20/1	405			540			20/1	8	2217 Recep
Spare	9	20/1					500		20/1	10	2217 Recep
Spare	11	20/1						360	20/1	12	2217 Recep
BAS 1400	13	20/1	250			720			20/1	14	2217 Recep
BMS-2160	15	20/1		250			360		20/1	16	2215 Recep
BMS-2160	17	20/1			250			350	15/1	18	EF-1
BMS-2160	19	20/1	250			350			15/1	20	SF-1
BMS-2160	21	20/1		250					20/1	22	Spare
BMS-2160	23	20/1			250				20/1	24	Spare
BMS-2160	25	20/1	250						20/1	26	Spare
Spare	27	20/1							20/1	28	Spare
Spare	29	20/1							20/1	30	Spare
Spare	31	20/1							20/1	32	Spare
Spare	33	20/1							20/1	34	Spare
Spare	35	20/1							20/1	36	Spare
Spare	37	20/1							20/1	38	Spare
Spare	39	20/1							20/1	40	Spare
Spare	41	20/1							20/1	42	Spare

	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C
CONNECTED LIGHTS	405			405		
CONNECTED RECEPTS	3,090	1,900	1,580	6,570		
CONNECTED HVAC BLOWERS	350		350	700		
CONNECTED HVAC A/C	3,500	3,500	1,800	8,800		
CONNECTED HVAC HTG						
CONNECTED HVAC	3,850	3,500	2,150	9,500		
CONNECTED MISC						
TOTAL PHASES	7,345	5,400	3,730	16,475		
TOTAL PANEL	7,345	5,400	3,730	16,475		
PANEL MCA				46		

NOTES:

PANELBOARD: PANEL LS2C — PANEL SOURCE: LSUPS

BUS AMPACITY	100	VOLTS	120/208
BRANCH BRKR POLES	42	PHASE	3
MLO AMPS	100	WIRES	4
MCB A/P		SURFACE	X
		RECESSED	
		A/C	

FEED THRU LUGS: — LOAD FED: — LARGEST MOTOR FLA:

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C	BRKR A/P	CCT #	LOAD TO BE FED
2218 Recep	1	20/1	540			360			20/1	2	2218 Recep
2218 Recep	3	20/1		540			360		20/1	4	2218 Recep
2218 Recep	5	20/1			360			360	20/1	6	2218 Recep
2218 Recep	7	20/1	720			540			20/1	8	2218 Recep
2218 Recep	9	20/1		720			500		20/1	10	2230A Door Open
Spare	11	20/1						500	20/1	12	2280 Door Open
Spare	13	20/1			500				20/1	14	C-2-2 Door Open
Spare	15	20/1							20/1	16	Spare
Spare	17	20/1							20/1	18	Spare
	19									20	
	21									22	
	23									24	
	25									26	
	27									28	
	29									30	
	31									32	
	33									34	
	35									36	
	37									38	
	39									40	
	41									42	

	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C
CONNECTED LIGHTS						
CONNECTED RECEPTS	2,660	2,120	1,220	6,000		
CONNECTED HVAC BLOWERS						
CONNECTED HVAC A/C						
CONNECTED HVAC HTG						
CONNECTED HVAC						
CONNECTED MISC						
TOTAL PHASES	2,660	2,120	1,220	6,000		
TOTAL PANEL	2,660	2,120	1,220	6,000		
PANEL MCA				17		

NOTES:

PANELBOARD: PACS — PANEL SOURCE: CRDIST

BUS AMPACITY	225	VOLTS	120/208
BRANCH BRKR POLES	54	PHASE	3
MLO AMPS	225	WIRES	4
MCB A/P		SURFACE	
		RECESSED	X
		A/C	

FEED THRU LUGS: YES — LOAD FED: — LARGEST MOTOR FLA:

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C	BRKR A/P	CCT #	LOAD TO BE FED
2215A Rack Recep	1	20/1	250			250			20/1	2	2215A Rack Recep
2215A Rack Recep	3	20/1		250			250		20/1	4	2215A Rack Recep
2215A Rack Recep	5	20/1			250			250	20/1	6	2215A Rack Recep
2215A Rack Recep	7	20/1	250			250			20/1	8	2215A Rack Recep
2215A Rack Recep	9	20/1		250			250		20/1	10	2215A Rack Recep
2215A Rack Recep	11	20/1			250			250	20/1	12	2215A Rack Recep
2215A Rack Recep	13	20/1	250			250			20/1	14	2215A Rack Recep
2215A Rack Recep	15	20/1		250			250		20/1	16	2215A Rack Recep
2215A Rack Recep	17	20/1			250			250	20/1	18	2215A Rack Recep
2215A Rack Recep	19	20/1	250			250			20/1	20	2215A Rack Recep
2215A Rack Recep	21	20/1		250			250		20/1	22	2215A Rack Recep
2215A Rack Recep	23	20/1			250			250	20/1	24	2215A Rack Recep
2215A Rack Recep	25	20/1	250			250			20/1	26	2215A Rack Recep
2215A Rack Recep	27	20/1		250			250		20/1	28	2215A Rack Recep
2215A Rack Recep	29	20/1			250			250	20/1	30	2215A Rack Recep
2215A Rack Recep	31	20/1	250			250			20/1	32	2215A Rack Recep
2215A Rack Recep	33	20/2		300			300		20/2	34	2215A Rack Recep
X	35	X			300			300	X	36	X
2215A Rack Recep	37	20/2	300			300			20/2	38	2215A Rack Recep
X	39	X		300			300		X	40	X
2215A Rack Recep	41	20/2			300			300	20/2	42	2215A Rack Recep
X	43	X	300			300			X	44	X
2215A Rack Recep	45	20/2		300			300		20/2	46	2215A Rack Recep
X	47	X			300			300	X	48	X
SPD	49	30/3	1,800						20/1	50	Spare
X	51	X		1,800					20/1	52	Spare
X	53	X			1,800				20/1	54	Spare

	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C
CONNECTED LIGHTS						
CONNECTED RECEPTS	4,200	4,300	4,300	12,800		
CONNECTED HVAC BLOWERS						
CONNECTED HVAC A/C						
CONNECTED HVAC HTG						
CONNECTED HVAC						
CONNECTED MISC	1,800	1,800	1,800	5,400		
TOTAL PHASES	6,000	6,100	6,100	18,200		
TOTAL PANEL	6,000	6,100	6,100	18,200		
PANEL MCA				47		

NOTES:

PANELBOARD: PANEL CR2B — PANEL SOURCE: CRDIST

BUS AMPACITY	225	VOLTS	120/208
BRANCH BRKR POLES	84	PHASE	3
MLO AMPS	225	WIRES	4
MCB A/P		SURFACE	
		RECESSED	X
		A/C	

FEED THRU LUGS: YES — LOAD FED: — LARGEST MOTOR FLA:

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C	BRKR A/P	CCT #	LOAD TO BE FED
2263 Recep	1	20/1	180			250			20/1	2	2242 Recep
2263 Recep	3	20/1		180			250		20/1	4	2242 Recep
2263 Recep	5	20/1			180			250	20/1	6	2242 Recep
2263 Recep	7	20/1	180			250			20/1	8	2242 Recep
2263A Recep	9	20/1		360			360		20/1	10	2242A Recep
2263 Recep	11	20/1			180			360	20/1	12	2242A Recep
2263 Recep	13	20/1	750			500			20/1	14	2230C Recep
2246P Door Open	15	20/1		500			1,260		20/1	16	2231 Recep
2263A Recep	17	20/1			500			500	20/1	18	2230A Recep
2261 Recep	19	20/1	360			500			20/1	20	2230B Recep
2261 Recep	21	20/1		360			1,260		20/1	22	2240 Recep
2261 Recep	23	20/1			360			720	20/1	24	2257 Recep
2261 Recep	25	20/1	360			720			20/1	26	2257 Recep
2261 Recep	27	20/1		360			540		20/1	28	2257 Recep
2261A Recep	29	20/1			540			900	20/1	30	2257 Recep
2261A Recep	31	20/1	360			500			20/1	32	2256 Recep
2261A Recep	33	20/1		360			500		20/1	34	2256 Recep
BMS 2260B	35	20/1			250			500	20/1	36	2256 Recep
2254 Recep	37	20/1	500			500			20/1	38	2256 Recep
2254 Recep	39	20/1		540			500		20/1	40	2256 Recep
2254 Recep	41	20/1			360			1,635	20/1	42	Lights
2254 Recep	43	20/1	540			1,800			30/3	44	RUC MEC
2254 Recep	45	20/1		540			1,800		X	46	X
2254 Recep	47	20/1			540			1,800	X	48	X
2254 Recep	49	20/1	500			500			20/1	50	2230A Recep
2254 Recep	51	20/1		720						52	
2254A Recep	53	20/1			500					54	
2254A Recep	55	20/1	500							56	
2254A Recep	57	20/1		750						58	
2223 Fire/Smoke Damp	59	20/1			250					60	
	61									62	
	63									64	
	65									66	
	67									68	
	69									70	
	71									72	
	73									74	
	75									76	
	77									78	
	79									80	
	81									82	
	83									84	
FEED-THRU LUGS											

	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C
CONNECTED LIGHTS						
CONNECTED RECEPTS	7,560	9,340	8,525	25,915		
CONNECTED HVAC BLOWERS						
CONNECTED HVAC A/C						
CONNECTED HVAC HTG						
CONNECTED HVAC						
CONNECTED MISC	1,800	1,800	1,800	5,400		
TOTAL PHASES	9,750	11,140	10,325	31,215		
TOTAL PANEL	9,750	11,140	10,325	31,215		
PANEL MCA				65		

NOTES:

PANELBOARD: PANEL E2A — PANEL SOURCE: MAIN

BUS AMPACITY	225	VOLTS	120/208
BRANCH BRKR POLES	84	PHASE	3
MLO AMPS	225	WIRES	4
MCB A/P		SURFACE	X
		RECESSED	
		A/C	

FEED THRU LUGS: — LOAD FED: — LARGEST MOTOR FLA:

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C	BRKR A/P	CCT #	LOAD TO BE FED
2263 Recep	1	20/1	180			500			20/1	2	2245 Recep
2263B, 2265 Recep	3	20/1		720			500		20/1	4	2245 Recep
2261 Recep	5	20/1			180			500	20/1	6	2245 Recep
2219 Recep	7	20/1	900			720			20/1	8	2245 Recep
2219 Recep	9	20/1		360			180		20/1	10	2242 Recep
2223,2225,C2-2 Recep	11	20/1			720			900	20/1	12	2243 Recep
2221 Recep	13	20/1	720			720			20/1	14	2241 Recep
2221 Recep	15	20/1		720			500		20/1	16	2241 Recep
2221 Recep	17	20/1			720			900	20/1	18	2237, 2239 Recep
2221 Recep	19	20/1	540			500			20/1	20	2237 Recep
2246P, 2251,2255 Recep	21	20/1		720			360		20/1	22	2235 Recep
2252 Recep	23	20/1			900			540	20/1	24	2235 Recep
2256 Recep	25	20/1	500			540			20/1	26	2233 Recep
2254 Recep	27	20/1		180			360		20/1	28	2233 Recep
Door Openers	29	20/1			1,000			720	20/1	30	2233,2231 Recep
Lights	31	20/1	1,493			540			20/1	32	2230P, 2240 Recep
Lights	33	20/1		822			720		20/1	34	2238 Recep
Lights	35	20/1			1,224			500	20/1	36	2238 Recep
Lights	37	20/1	1,195			720			20/1	38	2238 Recep
Lights	39	20/1		841			540		20/1	40	2238 Recep
Lights 2250B	41	20/1			500			720	20/1	42	2236 Recep
	43					540			20/1	44	2236 Recep
	45						900		20/1	46	2236 Recep
	47									48	
	49									50	
	51									52	
	53									54	
	55									56	
	57									58	
	59									60	
	61									62	
	63									64	
	65									66	
	67									68	
	69									70	
	71									72	
	73									74	
	75									76	
	77									78	
	79									80	
	81									82	
	83									84	

	LEFT PHASES A	LEFT PHASES B	LEFT PHASES C	RIGHT PHASES A	RIGHT PHASES B	RIGHT PHASES C
CONNECTED LIGHTS						
CONNECTED RECEPTS	10,308	8,423	10,024	28,755		
CONNECTED HVAC BLOWERS						
CONNECTED HVAC A/C						
CONNECTED HVAC HTG						
CONNECTED HVAC						
CONNECTED MISC						
TOTAL PHASES	10,308	8,423	10,024	28,755		
TOTAL PANEL	10,308	8,423	10,024	28,755		
PANEL MCA				54		

NOTES:

ADDENDUM #4	11/03/2014
100% Construction Documents	7/15/2014
Revisions:	Date

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NDW PROJECT NUMBER: 1211

Drawing Title: ELECTRICAL PANELBOARDS
Project Title: EXPAND IMAGING
Project Number: 585-12-112
Building Number: 1
Approved: Project Director
Location: IRON MOUNTAIN, MICHIGAN
Date: 07/15/2014
Checked: ASR
Drawn: LA
Drawing Number: EY506
Dwg. 113 of 121

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978