

REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS/POLES	H.P. OR K.W.	AMPS PER PHASE												BREAKERS AMPS/POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	SWITCHBOARD SCHEDULE
				LIGHTING			GEN. RECEPT.			SPECIAL										
				ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC					
CHILLER	1			41.9		42.4		97.0		327.0							F42B	Panel <u>MS</u> Service <u>3</u> Phase <u>4</u> Wire <input type="checkbox"/> 208Y/120V <input checked="" type="checkbox"/> 480Y/277V Main Bkr. <u>1200 A</u> <u>3</u> P		
				52.5		42.4		22.2		129.0		327.0								
PANEL 2MEC	3			13.4		42.4		97.0		129.0		327.0					F42C			
				15.2		42.4		92.7		129.0		327.0								
				15.9				22.2		52.0		72.8								
ELEVATOR	5									52.0							RADIOGRAPHIC	Lugs Only <u>—</u> A <u>65,000</u> AIC Minimum		
										52.0										
										52.0										
PANEL 1MEC	7			22.8		133.0		28.3		33.0							F41E	<input type="checkbox"/> Surface mounted panel <input checked="" type="checkbox"/> Freestanding Switchboard <input type="checkbox"/> 200% Neutral Bar		
				16.9		110.0		27.0		33.0										
				21.4				90.4		33.0		36.5								
SPACE ONLY	9	225 3											400 3				SPACE ONLY	Remarks CONNECTED AMPS ØA = 1054.1 ØB = 1028.6 ØC = 942.8		
SPACE ONLY	11	225 3											100 3				SPACE ONLY	DIVERSIFIED AMPS ØA = 959.9 ØB = 917.2 ØC = 889.2		
TOTAL CONNECTED LOAD (AMPS)				78.1	84.6	89.8	218.0	195.0	758.0	749.0	718.0									

NOTE: SEE SINGLE LINE DIAGRAM FOR CIRCUIT BREAKER SIZE.

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				LIGHTING			GEN. RECEPT.		SPECIAL						
CWP-1	1			ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC			
										11.0					
										11.0					
										11.0					
TURBINE (NORMAL)	7									11.0					
										11.0					
										11.0					
SPACE ONLY	13	100 3										100 3			
												100 3			
												100 3			
SPACE ONLY	19	100 3										100 3			
												100 3			
TOTAL CONNECTED LOAD (AMPS)										33.0	33.0	33.0			

CWP-2	Panel 1MEC
	Service 3 Phase 4 Wire
	<input type="checkbox"/> 208Y/120V
	<input checked="" type="checkbox"/> 480Y/277V
	Main Bkr. A P
	Lugs Only 125 A
	14,000 AIC Minimum
	<input checked="" type="checkbox"/> Surface mounted panel
	<input type="checkbox"/> Freestanding Switchboard
	<input type="checkbox"/> 200% Neutral Bar

NOTE: SEE SINGLE LINE DIAGRAM FOR CIRCUIT BREAKER SIZE.

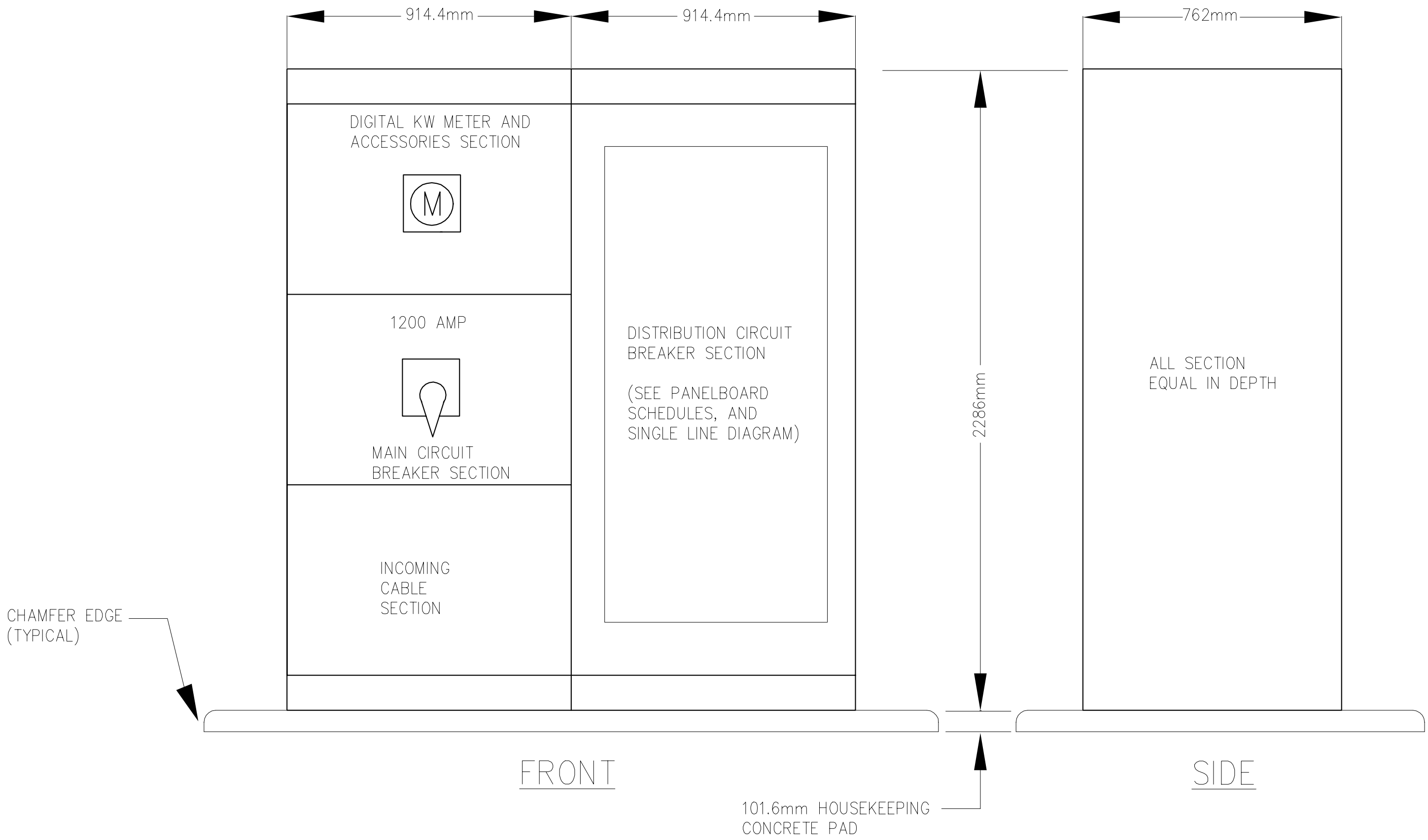
ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS/POLES	H.P. OR K.W.	AMPS PER PHASE						BREAKERS AMPS/POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	FEEDER PANEL SCHEDULE
				LIGHTING		GEN. RECEPT.		SPECIAL						
				ØA	ØB	ØA	ØB	ØA	ØB					
SAF-1	1							52.0				2	RAF-1	Panel        2MEC Service    3 Phase 4 Wire ☐ 208Y/120V ☑ 480Y/277V
								52.0						
								52.0						
SAF-2	7							52.0				8	RAF-2	Main Bkr.        A        P  Lugs Only    250 A  18,000 AIC Minimum
								52.0						
								52.0						
EF2-2	13							1.8				14	HWP-1	☑ Surface mounted panel ☐ Freestanding Switchboard ☐ 200% Neutral Bar  Remarks
								1.8						
								1.8						
SF-1	19							1.8				20	HWP-2	
								1.8						
								1.8						
SPACE ONLY	25										100	3	SPACE ONLY	
SPACE ONLY	31	100	3								100	3	SPACE ONLY	
TOTAL CONNECTED LOAD (AMPS)				—	—	—	—	165.2	165.2	165.2				

NOTE: SEE SINGLE LINE DIAGRAM FOR CIRCUIT BREAKER SIZE.

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				LIGHTING		GEN. RECEPT.		SPECIAL								
TRANSFORMER T-EIE	1	—	—	ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC	2	DENTAL AIR COMP.	Panel <u>E41E</u>	
—	3	—	—	—	—	—	—	—	—	15.2	—	—	4	—	Service <u>—</u> Phase <u>—</u> Wire	
—	5	—	—	—	—	—	—	—	—	15.2	—	—	6	—	Ø 480Y/277V	
DENTAL TURBINE (EMERG.)	7	—	—	5.55	—	—	—	—	—	11.0	—	—	8	LIGHTS DTR. 2C09/2C08	Main Bkr. <u>—</u> A <u>—</u> P	
—	9	—	—	—	—	—	—	—	—	11.0	—	—	10	SPARE	Lugs Only <u>100</u> A	
—	11	—	—	—	—	—	—	—	—	11.0	20	1	12	SPARE	<u>14,000</u> AIC Minimum	
SPACE ONLY	13	—	—	—	—	—	—	—	—	—	20	1	14	SPACE ONLY	Ø Surface mounted panel	
SPACE ONLY	15	—	—	—	—	—	—	—	—	—	—	—	16	SPACE ONLY	Remarks	
SPACE ONLY	17	—	—	—	—	—	—	—	—	—	—	—	18	SPACE ONLY	CONNECTED AMPS	
SPACE ONLY	19	—	—	—	—	—	—	—	—	—	—	—	20	SPACE ONLY	ØA = 68.2	
TOTAL CONNECTED LOAD (AMPS)				5.55	—	—	—	—	—	63.7	56.2	43.7				ØB = 55.2
																ØC = 42.7

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				LIGHTING		GEN. RECEPT.		SPECIAL						
				ØA	ØB	ØA	ØB	ØC	ØA	ØB	ØC			
PHARMACY REFRIGERATOR	1	20	1						1.0			2	LAB. REFRIGERATOR	Panel <u>E21E</u>
REFRIG. SPECIMEN 1D12	3	20	1						7.0			4	LAB. REFRIGERATOR	Service <u>3</u> Phase <u>4</u> Wire
REFRIG.RECEIVING 1E24	5	20	1									6	LAB. REFRIGERATOR	<input checked="" type="checkbox"/> 208Y/120V
1D38/REC	7	20	1					3.0			7.0	8	1D05/LIGHT	<input type="checkbox"/> 480Y/277V
1D38/LIGHT	9	20	1	4.0	4.0							10	1D05/REC.	Main Bkr. <u>  </u> A <u>  </u> P
1D38/REC	11	20	1					3.0	3.0			12	1D05/REC.	Lugs Only <u>  </u> 125 A
SPARE	13	20	1					1.5				14	SPARE	<u>10,000</u> AIC Minimum
SPARE	15	20	1									16	SPARE	<input checked="" type="checkbox"/> Surface mounted panel
DTR 2C06/REC	17	20	1					3.0				18	DTR. 2C09/REC	<input type="checkbox"/> Freestanding Switchboard
CRASH CART REC.	19	20	1			1.5						20	MEDICAL GAS PANEL	<input checked="" type="checkbox"/> 200% Neutral Bar
METHANE PANEL	21	20	1					5.0		3.0		22	REFRIG/1D40	Remarks
DTR 2C06,2C09/DENTAL OPERATING LT.	23	20	1			1.0		3.0				24	1B04/L1080	CONNECTED AMPS
SPACE ONLY	25	20	1									26	SPACE ONLY	ØA = 24.0
SPACE ONLY	27											28	SPACE ONLY	ØB = 30.0
SPACE ONLY	29											30	SPACE ONLY	ØC = 18.5
TOTAL CONNECTED LOAD (AMPS)				4.0	4.0	1.0	15.0	12.0	10.5	5.0	14.0	7.0		

NOTE:  
WHERE THE WORDS "SPACE ONLY" ARE USED,  
THIS INDICATES A FULLY BUSSED SPACE WITH  
PROVISIONS FOR THE INSTALLATION OF A CIRCUIT BREAKER.



### ELEVATION - SWITCHBOARD MS

NO SCALE

IF SHEET IS LESS THAN 28"x42", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

EP5-1

MS	2MEC
1MEC	E41E
	E21E

MEDICAL/DENTAL CLINIC

PANELBOARD SCHEDULES

SIZE	CODE IDENT. NO.	DRAWING NO.
F	XXXXX	8144793
SCALE:	AS SHOWN	SPEC. 11996048
		SHEET 288 OF 316