	DISTRIBUT	ION	PAN	EL "	DP4G1" SCHEDULE	
277/480) VOLTS 3 PHAS	E	4 WIF	RE		65K AIC
MAIN BUS	S SIZE: 800 AMPS NEU	JTRAL: 10	00%		GROUND BUS: FULL	
MAIN DE\	/ICE:	М	DUNTING:	SURFACI	Ξ	
0.50		OVERCU	JRRENT [DEVICE		
CIRCUIT NUMBER	LOAD ITEM	FRAME	TRIP	POLE	FEEDER SIZE	REMARKS
1	PANEL DP221 VIA TRANSFORMER T6	400A	250A	3	REFER TO TRANSFORMER SCHEDULE	
2	PANEL DP231 VIA TRANSFORMER T6	400A	250A	3	REFER TO TRANSFORMER SCHEDULE	
3	PANEL DP241 VIA TRANSFORMER T6	400A	250A	3	REFER TO TRANSFORMER SCHEDULE	
4	SPARE	225A	150A	3		
5	SPARE	100A	100A	3		
6	SPACE	100A	100A	3		

	DISTRIBU	JTION	PAN	EL "	EQ4EL" SCHEDULE	
480 VOL	TS 3 PH	IASE	3 WIF	RE		65K A
MAIN BU	S SIZE: 800 AMPS	IEUTRAL: 10	00%		GROUND BUS: FULL	
MAIN DEV	VICE:	М	OUNTING:	SURFACI	Ξ	
CIRCUIT NUMBER	LOAD ITEM	OVERCI FRAME	JRRENT (POLE	FEEDER SIZE	REMARKS
1	PANEL E4EL5 (PENTHOUSE)	600A	600A	3	<u> </u>	
	SOILED ELEVATOR	100A	100A	3	<u>(5)</u>	
2	SOILED ELEVATOR	100/1				
3	CLEAN ELEVATOR	100A	100A		<u>5</u>	
			100A 100A	3	<u>(5)</u>	

	DIST	TRIBUTION	PAN	EL "	LSD41 "	SCHEDUL	.E
277/480	VOLTS	3 PHASE	4 WIF	RE			65K AI
MAIN BUS	S SIZE: 400 AMPS	NEUTRAL: 10	00%		GF	OUND BUS: FULL	
MAIN DE\	/ICE:	МС	OUNTING:	SURFACE	=		
CIRCUIT NUMBER	LOAD ITEM	OVERCL FRAME	JRRENT (POLE	FEEDE	R SIZE	REMARKS
1	PANEL LS431	100A	100A	3	<u>(6)</u>		
2	PANEL LS4G1	100A	100A	3	6		
3	FUTURE	100A	100A	3			
4	FUTURE	100A	100A	3			
5	FUTURE	100A	100A	3			
6	SPARE	100A	100A	3			
7	SPARE	100A	100A	3			

		DISTRIBUT	ΓΙΟΝ	PAN	EL "	CD2G"	SCHEDULE	
120/208	3	3 PHAS	SE	4 WIF	RE			10K AIC
MAIN BU	S SIZE:	NEU	JTRAL: 10	00%			GROUND BUS: FULL	
MAIN DE	VICE: 400A		МС	DUNTING:	SURFAC	Ξ		
OLDOLUT			OVERCU	JRRENT I	DEVICE			
CIRCUIT NUMBER	LOAD	ITEM	FRAME	TRIP	POLE	FI	EEDER SIZE	REMARKS
1	C2G1		225A	150A	3		(10)	
2	CT2G1		100A	100A	3		$\overline{\langle 6 \rangle}$	
3	SPARE		100A	100A	3			
4	SPARE		100A	100A	3			

	DISTRIBUT	ION	PAN	EL "	DP41R" SCHEDULE	
277/480) VOLTS 3 PHAS	SE.	4 WIF	RE		65K AIC
MAIN BUS	S SIZE: 800 AMPS NEU	JTRAL: 10	00%		GROUND BUS: FULL	
MAIN DE\	/ICE:	МС	DUNTING:	SURFACI	E	
CIRCUIT		OVERCU	JRRENT (DEVICE		
NUMBER	LOAD ITEM	FRAME	TRIP	POLE	FEEDER SIZE	REMARKS
1	MRI	225A	125A	3	4-#1/0,1-#1/0G-2"C	
2	CT SCAN	225A	125A	3	4-#1/0,1-#1/0G-2"C	
3	RADIOLOGY RM	225A	125A	3	3-#1/0,1-#1/0G-2"C	
4	PANEL R21R VIA TRANSFORMER (T3)	100A	60A	3	REFER TO TRANSFORMER SCHEDULE	
5	MOBILE MRI	225A	150A	3	4-#1/0,1-#1/0G-2"C	
6	SPARE	225A	125A	3		
7	SPARE	225A	125A	3		
8	SPACE & BUS	225A	1	3		
9	SPACE & BUS					

	DISTRIBUT	ΓΙΟΝ	PAN	EL '	'DP4G2"	SCHEDULE	
277/480) VOLTS 3 PHAS	SE	4 WIF	RE			65K AIC
MAIN BU	S SIZE: 800 AMPS NEU	JTRAL: 10	00%		,	GROUND BUS: FULL	
MAIN DE	VICE:	М	OUNTING:	SURFAC	E		
		OVERC	JRRENT I	DEVICE			
CIRCUIT NUMBER	LOAD ITEM	FRAME	TRIP	POLE	FEE	DER SIZE	REMARKS
1	PANEL DP211 VIA TRANSFORMER T7	400A	300A	3	REFER TO T	RANSFORMER SCHEDULE	
2	PANEL DP2G1 VIA TRANSFORMER TE	400A	400A	3	REFER TO T	RANSFORMER SCHEDULE	
3	SPARE	225A	150A	3			
4	SPARE	100A	100A	3			
5	SPACE	100A	100A	3			
6	SPACE	100A	100A	3			

DISTRIBUTION PANEL "EQ4D1" SCHEDULE

65K AIC

3 PHASE 4 WIRE

277/480 VOLTS

MAIN BU	S SIZE: 800 AMPS NE	UTRAL: 10	00%		GROUND BUS: FULL	
MAIN DE\	/ICE:	МС	OUNTING:	SURFACE	Ξ	
2122117		OVERCU	JRRENT I	DEVICE		
CIRCUIT NUMBER	LOAD ITEM	FRAME	TRIP	POLE	FEEDER SIZE	REMARKS
1	PANEL EQ2G1 VIA TRANSFORMER	225A	150A	3	REFER TO TRANSFORMER SCHEDULE	
2	PANEL EQ4G1	225A	225A	3	(16)	
3	BOILER 1	100A	100A	3	3	(1)
4	BOILER 2	100A	100A	3	$\langle \overline{3} \rangle$	
5	FUTURE BOILER 3	100A	100A	3	_	
6	FUTURE BOILER 4	100A	100A	3		
7	HWP 1	100A	60A	3	REFER TO MOTOR BRANCH CIRCUIT SCHEDULE	
8	HWP 2	100A	60A	3	"	
9	FUTURE HWP 3	100A	60A	3		
10	PANEL EQ4G2	225A	150A	3	(10)	
11	EQ4PH1	225A	150A	3	(10)	
12	SPARE	100A	100A	3		
13	SPARE	150A	150A	3		
14	SPARE	100A	100A	3		

277/480) VOLTS	3 PHASE	4 WIF	RE		65K AIC
MAIN BU	S SIZE: 600 AMPS	NEUTRAL: 10	00%		GROUND BUS: FULL	
MAIN DE	VICE:	М	OUNTING:	SURFAC	Ε	
OLDOLUIT		OVERCU	JRRENT [DEVICE		
CIRCUIT NUMBER	LOAD ITEM	FRAME	TRIP	POLE	FEEDER SIZE	REMARKS
1	PANEL C421	225A	225A	3	<u> </u>	
2	PANEL C411	225A	150A	3	<u>(10)</u>	
3	PANEL C4G1	100A	100A	3	<u>6</u>	
4	CD2G VIA XFMR	400A	250A	3	<u>17</u> >	
5	SPARE	225A	150A	3		
6	SPARE	225A	150A	3		
7	SPARE	225A	150A	3		
8	SPACE & BUS	225A	_	3		
7	SPACE & BUS	225A	_	3		

DISTRIBUTION PANEL "CD41" SCHEDULE

		DISTRIBUT	ΓΙΟΝ	PAN	EL "	CD23" SCHEDULE	
120/208	}	3 PHAS	SE	4 WIF	RE		10K AIC
MAIN BUS	S SIZE:	NEU	JTRAL: 10	00%		GROUND BUS: FULL	
MAIN DEV	/ICE: 250A		М	DUNTING:	SURFACE		
			OVERC	JRRENT I	DEVICE		
CIRCUIT NUMBER	LOAD	ITEM	FRAME	TRIP	POLE	FEEDER SIZE	REMARKS
1	C231		150	150A	3	<u>\(\frac{10}{}\)</u>	
2	C232		100A	100A	3	<u>6</u> >	
3	CT231		100A	60A	3	$\langle 2 \rangle$	
4	SPARE		100A	100A	3		

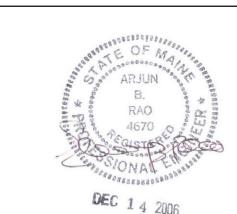
					DP4LD" SCHEDU				
277/480 VOLTS 3		3 PHASE	3 PHASE 4 WIRE						
MAIN BUS	S SIZE: 600 AMPS	NEUTRAL: 10	00%		GROUND BUS: FL	JLL			
MAIN DE\	/ICE:	МС	DUNTING:	SURFACI	=				
2122112		OVERCU	JRRENT I	DEVICE					
CIRCUIT NUMBER	LOAD ITEM	FRAME	TRIP	POLE	FEEDER SIZE	REMARKS			
1	PANEL L441	150A	150A	3	<u> </u>				
2	PANEL L431	150A	150A	3	(10)				
3	PANEL L421	150A	150A	3	(10)				
4	PANEL L411	150A	150A	3	(10)				
5	PANEL L4G1	150A	150A	3	(10)				
6	SPARE	150A	150A	3					
7	SPARE	150A	150A	3					
8	SPACE & BUS	100A	_	3					

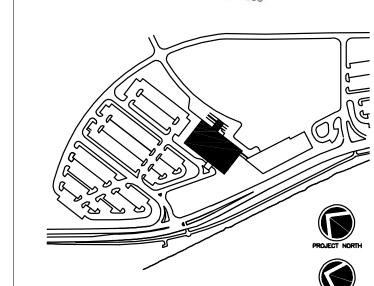
	DIST	RIBUTION	PAN	EL "[)P4G3"	SCHEDULE	
277/480	VOLTS	3 PHASE	4 WIF	RE			65K AIC
MAIN BUS SIZE: 1200 AMPS		NEUTRAL: 100%			(GROUND BUS: FULL	
MAIN DEV	/ICE:	М	DUNTING:	SURFACE			
OLD OLLUT		OVERCU	JRRENT I	DEVICE			
CIRCUIT LOAD	LOAD ITEM	FRAME	TRIP	POLE	FEEDER SIZE	REMARKS	
1	CHP-1 30HP	150A	100A	3	VIA	VFD-3	VIA VFD CONTROLLE
2	FUTURE CHP-2 30HP	150A	100A	3	VIA	VFD-4	
3	FUTURE CHP-3	150A	150A	3			
4	SPARE	150A	150A	3			VIA VFD CONTROLLE
5	SPARE	150A	150A	3			
6	SPARE	150A	150A	3			
7	PANEL P41G	100A	100A	3		6	
8	CT-1 30HP	150A	100A	3	REFER TO CIRCU	MOTOR BRANCH IT SCHEDULE	
9	FUTURE CT-2	150A	100A	3			
10	FUTURE CT-3	150A	100A	3			
11	SPARE	225A	150A	3			
12	SPACE & BUS	100A		3			

	DIS	STRIBL	ITION	PAN	EL "	EQ4D2" S	SCHEDULE	
277/480	VOLTS	3 PH	ASE	4 WIF	RE			65K AIC
MAIN BUS	S SIZE: 1200 AMPS	N	EUTRAL: 10	00%		GR	OUND BUS: FULL	
MAIN DE\	/ICE:		МС	DUNTING:	SURFACE	=		
OLDOLUT			OVERCU	JRRENT [DEVICE			
CIRCUIT NUMBER	LOAD ITEM		FRAME	TRIP	POLE	FEEDE	R SIZE	REMARKS
1	AHU-1 SUPPLY NO.1	100HP	400A	250A	3	REFER TO CIRCUIT SO	MOTOR BRANCH HEDULE	
2	AHU-1 SUPPLY NO.2	100HP	400A	250A	3	3,33		
3	AHU-1 RETURN NO.1	40HP	225A	125A	3			
4	AHU-1 RETURN NO.2	40HP	225A	125A	3			
5	AHU-2 SUPPLY NO.1	100HP	400A	250A	3			
6	AHU-2 SUPPLY NO.2	100HP	400A	250A	3			
7	AHU-2 RETURN NO.1	40HP	225A	125A	3			
8	AHU-2 RETURN NO.2	40HP	225A	125A	3			
9	MCCE-PH		100A	100A	3			
10	SPARE		225A	150A	3			
11	SPARE		225A	225A	3			
12	SPACE & BUS		100A	1	3			

277/480 VOLTS		3 PHA	3 PHASE 4 WIRE				65K AIC
•							
MAIN BUS SIZE: 600 AMPS		NE	NEUTRAL: 100%			GROUND BUS: FULL	
MAIN DE\	VICE:		МС	DUNTING:	SURFAC	<u>=</u>	
CIRCUIT NUMBER	LOAD	ITEM	OVERCURRENT I		DEVICE		
			FRAME	TRIP	POLE	FEEDER SIZE	REMARKS
1	PANEL C441		225A	150A	3	(10)	
2	PANEL C431		225A	150A	3	(10)	
3	PANEL C422		225A	225A	3	16 >	
4	SPARE		225A	150A	3		
5	SPARE		225A	150A	3		
6	SPARE		225A	150A	3		
7	SPACE & BUS		100A	_	3		
8	SPACE & BUS		100A	_	3		

Revisions





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It is the responsibility of the Construction Manager/General Contractor and all Sub—Contractors to verify all dimensions and accept conditions of prior work by related trades before proceeding with any work.

11/10/06 Final—Issued for Construction

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Cauffman

Foley

Hoffmann

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Architects Ltd. 215-568-8250

Project Title

Mercy Health Care System of Maine

FORE RIVER SHORT STAY HOSPITAL



Project Number
F05-4898

Drawing Title and Number
ELECTRICAL
DISTRIBUTION
SCHEDULES

E5-1