

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "GA" - 3PH

CABLE SIZE mm2	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
					L1					
	15				L2				16	
					L3					
					L1					
	13				L2				14	
					L3					
					L1					
	11				L2				12	
					L3					
					L1					
	9				L2				10	
					L3					
					L1					
	7				L2				8	
					L3					
16		} PANEL-FA }		50	L1	50		} PANEL-K }		16
16	5			50	L2	50			6	16
16				50	L3	50				16
					L1	80		} CHILLER #1 }		25
4.0	3	S/O:	1	20	L2	80			4	25
4.0		ISOLATOR CU-1	1	20	L3	80				25
25.0		} DOAS-1 }			L1					
25.0	1		1	80	L2				2	
25.0					L3	6		ISOLATOR - FAN #1		2.5

Panel Type: 800 amps, 3 phase, 400/230 volts 50 Hz

Location: Surface or Flush Mounted

Main Switch: 500 amps, Triple Pole Breaker

Cable: 2 X 4 CORE, 120MM² Armoured, XLPE Insulated Cable.

Earth Cable: 25mm2, Earth Cable.

DATE

13/11/2012

REMARKS

KH

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "RN" 16-WAY 3PH

CABLE SIZE mm2	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
					L1					
	15				L2				16	
					L3					
					L1					
	13				L2				14	
					L3					
					L1					
	11				L2				12	
					L3					
					L1					
	9				L2				10	
					L3					
					L1					
	7				L2				8	
					L3					
					L1					
4.0	5	FAN #2	1	10	L2				6	
4.1		FAN #3	1	10	L3	20	3	S/O: ROOF		4.0
25.0		DOAS-3		80	L1	50		PANEL-FB		16.0
25.0	3		1	80	L2	50			4	16.0
25.0				80	L3	50				16.0
25.0		DOAS-1		80	L1	80		DOAS-2		25.0
25.0	1		1	80	L2	80	1		2	25.0
25.0				80	L3	80				25.0

Panel Type: 250 amps, 3 phase, 400/230 volts 50 Hz
Location: Surface or Flush Mounted
Main Switch: 200 amps, Triple Pole Breaker
Cable: 1 x 4 core, 120mm2, Armoured, XLPE Insulated Cable.
Earth Cable:

DATE 13/11/2012
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PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "R" 16-WAY 3PH

CABLE SIZE mm2	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
					L1					
	15				L2				16	
					L3					
					L1					
	13				L2				14	
					L3					
					L1					
	11				L2				12	
					L3					
					L1					
	9				L2				10	
					L3					
					L1					
	7				L2				8	
					L3					
					L1					
	5				L2				6	
					L3					
25.0		}	}	80	L1	80		}		25.0
25.0	3			80	L2	80	1		4	25.0
25.0				80	L3	80				25.0
25.0		}	}	80	L1	6	3	LTS:		2.5
25.0	1			80	L2	6	1	FAN #5	2	4.0
25.0				80	L3	6	1	FAN #4		4.0

Panel Type: 250 amps, 3 phase, 400/230 volts 50 Hz
Location: Surface or Flush Mounted
Main Switch: 200 amps, Triple Pole Breaker
Cable: EXISTING CABLE
Earth Cable:

DATE 13/11/2012
 REMARKS KH

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "KP" 6-WAY 3PH

CABLE SIZE mm2	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
					L1					
	15				L2				16	
					L3					
					L1					
	13				L2				14	
					L3					
					L1					
	11				L2				12	
					L3					
					L1					
	9				L2				10	
					L3					
					L1					
	7				L2				8	
					L3					
					L1					
	5				L2				6	
					L3					
					L1					
	3				L2				4	
4.0		S/O: KITCHEN	2	16	L3	20	1	S/O: KITCHEN		4.0
					L1					
	1				L2				2	
4.0		S/O: KITCHEN	1		L3	20	1	S/O: KITCHEN		4.0

Panel Type: 50 amps, 3 phase, 200/115 volts 50 Hz
Location: Surface or Flush Mounted
Main Switch: 40 amps, Triple Pole Breaker
Cable: 1 x 4 core, 10mm2, Armoured, XLPE Insulated Cable.
Earth Cable:

DATE 13/11/2012
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PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "K" - 3PH

CABLE SIZE mm2	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
					L1					
	15				L2				16	
					L3					
					L1					
	13				L2				14	
					L3					
					L1					
	11				L2				12	
					L3					
					L1					
	9				L2				10	
					L3					
					L1					
	7				L2				8	
					L3					
4.0	5	TX-KP		20	L1	20		FAN-6 (KITCHEN HOOD)		4.0
				20	L2	20			6	4.0
				20	L3	20				4.0
4.0		S/O: CATERING SUPERVISOR	1	16	L1	10		LTS: HOOD LIGHTS		2.5
2.5	3	LTS: FOORD STORAGE, SUPERVISOR	8	10	L2				4	
4.0		S/O: KITCHEN	2	16	L3	16	15	LTS: KITCHEN		2.5
4.2		S/O: KITCHEN	4	16	L1	20	2	S/O: KITCHEN		4.0
4.3	1	S/O: KITCHEN	2	16	L2	20	3	S/O: KITCHEN STOVE	2	4.0
					L3	20	1	S/O: FRIDGE		4.0

Panel Type: 50 amps, 3 phase, 400/230 volts 50 Hz
Location: Surface or Flush Mounted
Main Switch: 50 amps, Triple Pole Breaker
Cable: 1 x 4 core, 16mm2, Armoured, XLPE Insulated Cable.
Earth Cable:

DATE 13/11/2012
 REMARKS KH

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PANEL "FAP" 6-WAY 4PH

CABLE SIZE mm2	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
					L1					
	15				L2				16	
					L3					
					L1					
	13				L2				14	
					L3					
					L1					
	11				L2				12	
					L3					
					L1					
	9				L2				10	
					L3					
					L1					
	7				L2				8	
					L3					
					L1					
	5				L2				6	
					L3					
					L1					
	3				L2				4	
					L3					
					L1					
4.0	1	S/O: SURGICAL FEMALE	2	20	L2				2	
4.0		S/O: RECOVERY & ICU	4	20	L3					

Panel Type: 100 amps, 3 phase, 400/230 volts 50 Hz
Location: Surface or Flush Mounted
Main Switch: 40 amps, Triple Pole Breaker
Cable: 1 x 4 core, 10mm2, Armoured, XLPE Insulated Cable.
Earth Cable:

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 1

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PANEL "FA" 6-WAY 3PH

CABLE SIZE mm2	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
					L1					
	15				L2				16	
					L3					
					L1					
	13				L2				14	
					L3					
					L1					
	11				L2				12	
					L3					
					L1					
	9				L2				10	
					L3					
					L1					
	7				L2				8	
					L3					
					L1	20		TX-FAP		4.0
	5				L2	20			6	4.0
2.5		LTS: RECOVERY & ICU	12	10	L3	20				4.0
2.5		LTS: RECOVERY & ICU	12	10	L1					
2.5	3	LTS: FEMALE SURGICAL	6	10	L2				4	
2.5		LTS1 FEMALE SURGICAL	12	10	L3					
2.5		LTS: OFFICE, KITCHEN, MORE ROOM	6	10	L1					
2.5	1	LTS: STAFF ROOM, DRESS OF PATIENTS	10	10	L2	20	2	S/O: FEMALE SURGICAL ROOM	2	4.0
2.5		LTS: FEMALE SURGICAL, CORRIDOR	17	10	L3	20	4	S/O: RECOVERY & ICU		4.0

Panel Type: 100 amps, 3 phase, 400/230 volts 50 Hz

DATE

REMARKS

Location: Surface or Flush Mounted

13/11/2012 KH

Main Switch: 50 amps, Triple Pole Breaker

Cable: 1 x 4 core, 16mm2, Armoured, XLPE Insulated Cable.

Earth Cable:

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "FB" 4-WAY 3PH

CABLE SIZE mm2	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
					L1					
	15				L2				16	
					L3					
					L1					
	13				L2				14	
					L3					
					L1					
	11				L2				12	
					L3					
					L1					
	9				L2				10	
					L3					
					L1					
	7				L2				8	
					L3					
					L1					
	5				L2				6	
					L3					
					L1					
	3				L2				4	
					L3					
10.0		HEATER #3	1	32	L1					
10.0	1	HEATER #2	1	32	L2				2	
10.0		HEATER #1	1	32	L3					

Panel Type: 100 amps, 3 phase, 400/230 volts 50 Hz
Location: Surface or Flush Mounted
Main Switch: 50 amps, Triple Pole Breaker
Cable: 1 x 4 core, 16mm2, Armoured, XLPE Insulated Cable.
Earth Cable:

DATE 13/11/2012
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