

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "GA" - 3PH 16-WAY

CABLE SIZE mm ²	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm ²
	15				L1				16	
					L2					
					L3					
	13				L1				14	
					L2					
					L3					
	11				L1				12	
					L2					
					L3					
	9				L1				10	
					L2					
					L3					
	7				L1				8	
					L2					
4.0		S/O: FOR A/C DIFFUSER IN EXISTING OPERATING THEATRE FOR (CEILING MOUNTED)	1	20	L3					
16		PANEL-FA		50	L1	50		PANEL-K		16
16	5		3	50	L2	50			6	16
16				50	L3	50				16
10		HEATER	1	32	L1	80		ACCU #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		AHU-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

REMARKS

rev-012/06/13

rev-121/02/14

LEVERAGE CONSULTING ENGINEERS INC.

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	20	3	S/O: ROOF	8	4.0
					L3					
					L1					
	5				L2				6	
4.1		FAN #3	1	10	L3	20	3	S/O: ROOF		4.0
2x25.0		DOAS-1	1	160	L1	50		PANEL-FB		16.0
2x25.0	3			160	L2	50			4	16.0
2x25.0				160	L3	50				16.0
					L1	80		AC-1		25.0
					L2	80	1		2	25.0
					L3	80				25.0

Panel Type: 250 amps, 3 phase, 400/230 volts 50 Hz

Location: Surface or Flush Mounted

Main Switch: 250 amps, Triple Pole Breaker

Cable: 1 x 4 core, 120mm2, Armoured, XLPE Insulated Cable.

Earth Cable:

DATE

REMARKS

rev-012/06/13

rev-121/02/14

LEVERAGE CONSULTING ENGINEERS INC.

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					
2x25.0		} CHILLER # 2 {	1	160	L1	80	1	} CHILLER #1 {		25.0
2x25.0	3			160	L2	80			4	25.0
2x25.0				160	L3	80				25.0
					L1	6	3	LTS:		2.5
	4				L2	6	1	FAN #5	2	4.0
					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

REMARKS

rev-012/06/13

rev-121/02/14

LEVERAGE CONSULTING ENGINEERS INC.

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					
4.0		S/O: KITCHEN	2	16	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	20	3	S/O: KITCHEN		4.0
	1				L2	20	1	S/O: KITCHEN	2	4.0
4.0		S/O: KITCHEN	1	16	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

REMARKS

rev-012/06/13

rev-121/02/14

LEVERAGE CONSULTING ENGINEERS INC.

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "K" - 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					
				20	L1	20				4.0
4.0	5	TX-KP		20	L2	20		FAN-6 (KITCHEN HOOD)	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 (RCBO)	2	16	L3	16	15	LTS: KITCHEN		2.5
4.2		S/O: KITCHEN (RCBO)	4	16	L1	20	2	S/O: KITCHEN (RCBO)		4.0
4.3	1	S/O: KITCHEN (RCBO)	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

REMARKS

rev-012/06/13

rev-121/02/14

LEVERAGE CONSULTING ENGINEERS INC.

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

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:

REV DATE

rev-012/06/13

rev-121/02/14

REMARKS

LEVERAGE CONSULTING ENGINEERS INC.

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

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

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

REMARKS

rev-012/06/13

rev-121/02/14

LEVERAGE CONSULTING ENGINEERS INC.

PROJECT: SVG-MILTON CATO MEMORIAL HOSPITAL

PANEL "FB" 4-WAY 3PH

CABLE SIZE mm ²	CIR- CUIT		OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm ²
					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: IN CEILING FOR OPERATION THREATRE #1,#2 FOR DIFUSSERS	3	20	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:

rev DATE

REMARKS

rev-0 12/06/13

rev-1 21/02/14

LEVERAGE CONSULTING ENGINEERS INC.