

PROJECT: SVG-MHC

PANEL M -12-WAY, 3PH

CABLE SIZE mm2	CIR- CUIT	DESCRIPTION	OUT- LETS	TRIP (Amps)	PH	TRIP (Amps)	OUT- LETS	DESCRIPTION	CIR- CUIT	CABLE SIZE mm2
	15				L1				16	
					L2					
					L3					
	13				L1				14	
					L2					
					L3					
	11				L1				12	
					L2					
					L3					
	9				L1				10	
					L2					
					L3					
	7				L1				8	
					L2					
					L3					
	5				L1				6	
					L2					
					L3					
16	3	PANEL-GH	1	30	L2				4	
35		PANEL-GL	1	50	L3					
35	1	PANEL-GC	1	100	L1				2	
35		PANEL-GB	1	100	L2					
35		PANEL-GA	1	70	L3					

Panel Type: 250 amps, 3 phase, 415/240 volts 50 Hz, Crabtree Loadstar Panel.
Location: On the wall /IN Wall
Main Switch: 200 amps, Triple Pole Switch Disconnecter
Cable: 1 x 4 core, 95mm2, Armoured, XLPE Insulated Cable.
Earth Cable: 50mm2, Earth Cable.

REV	DATE	REMARKS
REV-0	06/12/13	
REV-1	21/02/14	

PROJECT: SVG - MENTAL HEALTH CENTRE

PANEL: GA 42 WAY

CABLE SIZE mm ²	CIR- CUIT	DESCRIPTION	OUT-LETS	TRIP (Amps)	
	36				
	35				
	34				
	33				
	32				
	31				
	30				
	29				
	28	EXTRACT FAN		16	
2.5	27	LTS: SECURITY	3	10	
2.5	26	LTS: SECURITY	3	10	
2.5	25	LTS: SECURITY	3	10	
2.5	24	LTS: CORRIDOR	5	10	
2.5	23	LTS: DINNING, ADMIN, QUARTERS	12	10	
2.5	22	LTS: GERIATRIC WARD	11	10	
2.5	21	LTS: GERIATRIC WARD	8	10	
2.5	20	LTS: BATHROOM	5	10	
2.5	19	LTS: BATHROOM	11	10	
2.5	18	LTS: SUB ACUTE WARD	7	10	
2.5	17	LTS: SUB ACUTE WARD	11	16	
2.5	16	LTS: SUB ACUTE WARD	11	16	
2.5	15	LTS: SUB ACUTE WARD	11	16	
2.5	14	LTS: SURVEILLANCE		16	
2.5	13	LTS: ACUTE WARD (MALE)	5	16	
2.5	12	LTS: ACUTE WARD (MALE)	5	16	
4.0	11	S/O: DINNING AREA	4	16	
4.0	10	S/O: SURVEILLANCE ROOM	1	16	
4.0	9	S/O: SURVEILLANCE ROOM	1	16	
4.0	8	S/O: GERIATRIC WARD	7	16	
4.0	7	S/O: GERIATRIC WARD	7	16	
4.0	6	S/O: SUB ACTIVE WARD	6	16	
4.0	5	S/O: SUB ACTIVE WARD	6	16	
4.0	4	S/O: SLEEPING	3	16	
4.0	3	S/O: SURVEILLANCE ROOM	3	16	
4.0	2	S/O: ACUTE WARD	3	16	
4.0	1	S/O: ACUTE WARD	4	16	

Panel Type: 100 amps, 1 phase, 240 volts 50 Hz, Panel.

REV

DATE

REMARKS

Location: On the wall in Surveillance Area

REV-0

06/12/13

Main Switch: 100 amps, Double Pole Switch

REV-1

21/02/14

Cable: 1 x 2 core, 16mm², Armoured, XLPE Insulated Cable.Earth Cable: 16mm² earth cable

PROJECT: SVG - MENTAL HEALTH CENTRE

PANEL GAP - 12 WAY

CABLE SIZE mm2	CIR- CUIT	DESCRIPTION	OUT-LETS	TRIP (Amps)	
	14				
	13				
	12				
	11				
	10				
	9				
	8				
	7				
4.0	6				
4.0	5				
4.0	4				
4.0	3				
4.0	2	S/O:	4	16	
4.0	1	S/O: LOCKER, SURVEILLANCE	4	16	

Panel Type:	100 amps, 1 phase, 240 volts 50 Hz, Panel.	REV	DATE	REMARKS
Location:	On the wall in Surveillance Area	REV-0	06/12/13	
Main Switch:	100 amps, Double Pole Switch	REV-1	21/02/14	
Cable:	1 x 2 core, 16mm2, Armoured, XLPE Insulated Cable.			
Earth Cable:	16mm2 earth cable			

PROJECT: SVG- MENTAL HEALTH CENTRE

PANEL GB 2WAY 1PH

CABLE SIZE mm ²	CIR- CUIT	DESCRIPTION	OUT-LETS	TRIP (Amps)	
	36				
	35				
	34				
	33				
	32				
	31				
	30				
	29				
	28				
	27				
	26				
	25				
2.5	24	LTS: CORRIDOR	7	10	
2.5	23	LTS: BATHROOM, KITCHEN, CORRIDOR	7	10	
2.5	22	LTS: BATHROOM	9	10	
2.5	21	LTS: COURTYARD	11	10	
2.5	20	LTS: DR. PSYCH, SOCIAL, DR	11	10	
2.5	19	LTS: COUNSELOR, WASHROOM, PHARMACY	7	10	
2.5	18	LTS: SISTER, SEN. NURSE, CONFERENCE	9	10	
2.5	17	LTS: COUNSELLING, BATHROOM, STI	9	10	
	16				
4.0	15	S/O: GENERAL ADMIN		16	
4.0	14	S/O: STAFF ROOM	1	16	
4.0	13	S/O: FRIDGE STAFF ROOM	1	16	
4.0	12	S/O: COURTYARD	3	16	
4.0	11	S/O: KITCHEN	2	16	
4.0	10	S/O: KITCHEN	1	16	
4.0	9	S/O: KITCHEN	1	16	
4.0	8	S/O: KITCHEN	1	16	
4.0	7	S/O: FREEZER	1	16	
4.0	6	S/O: FRIDGE	1	16	
4.0	5	S/O: KITCHEN, STOVE, COUNTER	2	16	
4.0	4	S/O: COUNSELLING	1	16	
4.0	3	S/O: COUNSELLING	4	16	
4.0	2	S/O: SISTER, NURSERY, CONFERENCE	1	16	
4.0	1	S/O: DR. OFFICE, PYSCH. SOCIAL WORKER	5	16	

Panel Type: 100 amps, 1 phase, 240 volts 50 Hz, Panel.

REV

DATE

REMARKS

Location: On the wall in Surveillance Area

REV-0

06/12/13

Main Switch: 100 amps, Double Pole Switch

REV-1

21/02/14

Cable: 1 x 2 core, 16mm², Armoured, XLPE Insulated Cable in 75mm conduit.Earth Cable: 16mm² earth cable

PROJECT: SVG- MENTAL HEALTH CENTRE

PANEL GBP - 12WAY

CABLE SIZE mm2	CIR- CUIT	DESCRIPTION	OUT-LETS	TRIP (Amps)	
	14				
	13				
	12				
	11				
	10				
	9				
	8				
	7				
4.0	6	S/O: KITCHEN	2	16	
4.0	5	S/O: KITCHEN	1	16	
4.0	4	S/O: DOCTOR OFFICE, PSYCH. SOCIAL	5	16	
4.0	3	S/O: SISTER, SEN. NURSE, CONF. RM		16	
4.0	2	S/O: GENERAL ADMIN.	4	16	
4.0	1	S/O: CONCERNS, WAITING	5	16	

Panel Type:	100 amps, 1 phase, 240 volts 50 Hz, Crabtree Loadstar Panel.	REV	DATE	REMARKS
Location:	On the wall in Surveillance Area	REV-0	06/12/13	
Main Switch:	100 amps, Double Pole Switch	REV-1	21/02/14	
Cable:	1 x 2 core, 16mm2, Armoured, XLPE Insulated Cable.			
Earth Cable:	16mm2 earth cable			

PROJECT: SVG - MENTAL HEALTH CENTRE

PANEL GC - 36 WAY

CABLE SIZE mm ²	CIR- CUIT	DESCRIPTION	OUT-LETS	TRIP (Amps)	
	36				
	35				
	34				
	33				
	32				
	31				
	30				
	29				
	28				
	27				
	26				
	25				
	24				
	23				
4.0	22	POWER FOR ELECTRONIC SAVING DEVICES LOCATED IN GERIATRIC WARD FEMALE BATH ROOM	7	16	
4.0	21	POWER FOR ELECTRONIC SAVING DEVICES IN ACUTE & QUARANTINE WARD FEM. BATH RM	11	16	
4.0	20	POWER FOR ELECTRONIC SAVING DEVICES IN SUB -ACUTE WARD FEM BATH RM	13	16	
2.5	19	LTS: SECURITY	6	10	
2.5	18	LTS: SECURITY	4	10	
2.5	17	LTS: BATHROOM, STORAGE	4	10	
2.5	16	LTS: GERIATRIC WARD	6	10	
2.5	15	LTS: GERIATRIC , QUARANTINE	8	10	
2.5	14	LTS: ACUTE WARD, BATHROOM	13	10	
2.5	13	LTS: SUB ACTIVE WARD	5	10	
2.5	12	LTS: SUB ACTIVE WARD	5	10	
2.5	11	LTS: BATHROOM, SLEEP, SIR	10	10	
2.5	10	LTS: BATHROOM	10	10	
4.0	9	S/O: DINNING	3	16	
4.0	8	S/O: GERIATRIC WARD	3	16	
4.0	7	S/O: GERIATRIC WARD	4	16	
4.0	6	S/O: SURVEILLANCE	1	16	
4.0	5	S/O: FRIDGE	1	16	
4.0	4	S/O: SLEEPING AREA	3	16	
4.0	3	S/O: SURVEILLANCE	3	16	
4.0	2	S/O: SUB ACUTE WARD (FEMALE)	3	16	
4.0	1	S/O: SUB ACUTE WARD (FEMALE)	3	16	

Panel Type: 100 amps, 1 phase, 240 volts 50 Hz, Panel.

REV

DATE

REMARKS

Location: On the wall in Surveillance Area

REV-0

06/12/13

Main Switch: 100 amps, Double Pole Switch

REV-1

21/02/14

Cable: 1 x 2 core, 16mm², Armoured, XLPE Insulated Cable.Earth Cable: 16mm² earth cable

PROJECT: SVG - MENTAL HEALTH CENTRE

PANEL GCP - 12WAY

CABLE SIZE mm2	CIR- CUIT	DESCRIPTION	OUT-LETS	TRIP (Amps)	
	14				
	13				
	12				
	11				
	10				
	9				
	8				
	7				
4.0	6				
4.0	5				
4.0	4				
4.0	3				
4.0	2	S/O: SLEEP, SURVEILLANCE	2	16	
4.0	1	S/O: SURVEILLANCE, NURSES	3	16	

Panel Type:	100 amps, 1 phase, 240 volts 50 Hz, Panel.	REV	DATE	REMARKS
Location:	On the wall in Surveillance Area	REV-0	06/12/13	
Main Switch:	100 amps, Double Pole Switch	REV-1	21/02/14	
Cable:	1 x 2 core, 16mm2, Armoured, XLPE Insulated Cable.			
Earth Cable:	16mm2 earth cable			

PROJECT: SVG-MENTAL HEALTH- 1- PH

PANEL-GH (12-WAY)

CABLE SIZE mm2	CIR- CUIT	DESCRIPTION	OUT-LETS	TRIP (Amps)	
	14				
	13				
	12				
	11				
	10				
	9				
	8				
	7				
4.0	6				
4.0	5				
4.0	4	S/O:	1	16	
4.0	3	S/O:	3	16	
4.0	2	LTS: BATHROOM	3	10	
4.0	1	LTS: SECURITY LIGHTS	4	10	

Panel Type:	100 amps, 1 phase, 240 volts 50 Hz, Panel.	REV	DATE	REMARKS
Location:	On the wall in hut	REV-0	06/12/13	
Main Switch:	30 amps, Double Pole Switch	REV-1	21/02/14	
Cable:	1 x 3 core, 16mm2, Armoured, XLPE Insulated Cable.			
Earth Cable:	16mm2 earth cable			

PROJECT: SVG-MENTAL HEALTH -, 1PH, PANEL

PANEL-GL- (12-WAY)

CABLE SIZE mm2	CIR- CUIT	DESCRIPTION	OUT-LETS	TRIP (Amps)	
	14				
	13				
	12				
	11				
	10				
	9				
	8				
	7				
4.0	6	S/O: WASHING ROOM	6	20	
4.0	5	S/O: WASHING ROOM	1	20	
4.0	4	S/O: WASHING ROOM	1	20	
4.0	3	LTS: SECURITY	4	20	
4.0	2	LTS: FOLDING ROOM,STORAGE	5	10	
4.0	1	LTS: WASHING AREA	12	10	

Panel Type:	100 amps, 1 phase, 240 volts 50 Hz, Panel.	REV	DATE	REMARKS
Location:	On the wall in WASH AREA	REV-0	06/12/13	
Main Switch:	50 amps, Double Pole Switch	REV-1	21/02/14	
Cable:	1 x 3 core, 35mm2, Armoured, XLPE Insulated Cable.			
Earth Cable:	16mm2 earth cable			