

ST.CATHERINE'S NS RUSH ELECTRICAL BUILDER'S WORK SCHEDULE					
				DATE REV	22.07.2026 T1
Item no.	Qty.	Unit	Description	Size	Service
Element 60 - Electrical Site Services Builders Works Attendances:					
E1	15	metre	Excavate external trench c/w 2no 50mmØ ducts for power supply and fire alarm to external gates. Route to be confirmed on site. Trench shall be 800mm deep and installed through a concrete/tarmac area. Allow for back-filling and finishing surface to the existing surface (which is concrete). Before back filling, the trench shall be surrounded with 150mm of compacted sand below and above the pipe. Sharp edge grains, which may damage pipe and joints should be avoided. Pipes must be covered by at least 500mm of pea gravel above sand. Finish on the trench shall be tarmac.	Trench size 150mm wide x 800mm deep	Electrical
E2	220	metre	Excavate external trench c/w 1no 100mmØ uPVC duct for new sub-mains cabling to the external lighting around the entire site. Allow for back-filling and finishing surface to the new surface to architects details. See M&E site services drawing 50(ME001) for further information on the trench required. Excavate and dig the external trench as per trench detail on the site services drawing and for back-filling the trench once all works have been completed.	Approximate trench size is 300mm wide x 800mm deep. Include for 1no 100mmØ uPVC duct in the trench along the length of the trench.	External lighting
E3	50	metre	Excavate external trench c/w 1no 100mmØ uPVC duct for new sub-mains cabling to the electric car charging units around the entire site. Allow for back-filling and finishing surface to the new surface to architects details. See M&E site services drawing 50(ME001) for further information on the trench required. Excavate and dig the external trench as per trench detail on the site services drawing and for back-filling the trench once all works have been completed.	Approximate trench size is 300mm wide x 800mm deep. Include for 1no 100mmØ uPVC duct in the trench along the length of the trench.	Power Services
E4	75	metre	Excavate external trench c/w 1no 100mmØ uPVC duct for new sub-mains cabling to the future electric car charging units around the entire site. Allow for back-filling and finishing surface to the new surface to architects details. See M&E site services drawing 50(ME001) for further information on the trench required. Excavate and dig the external trench as per trench detail on the site services drawing and for back-filling the trench once all works have been completed.	Approximate trench size is 300mm wide x 800mm deep. Include for 1no 100mmØ uPVC duct in the trench along the length of the trench.	Power Services
E5	6	1 off	Concrete Base for external lighting column. See the site services drawing 50(ME001) for information on locations of all lighting poles. Excavate and dig the opes as per detail on the site services drawing and for back-filling the ope with concrete once all works have been completed.	Ope size 600mm x 600mm x 800mm deep concrete base required.	External Lighting
E6	15	1 off	Access chambers for electrical site services	Refer to Figure 3 on site service drawings 50(ME001)	Electrical Services
Element 62 - Power & General Services:					
E7	190	Items	Number of sockets and fused spurs in Building. Include for chasing wall for each socket/fused spur and for chasing back box of item.	Size of chase 30mm wide x 30mm deep. Height of chase for each item shall be a 3metre chase. Include for chasing the back box for each item which is 150mm x 100mm.	Electrical Services
E8	60	Items	Number of IT points in Building. Include for chasing wall for each IT point and for chasing back box of item.	Size of chase 30mm wide x 30mm deep. Height of chase for each item shall be a 3metre chase. Include for chasing the back box for each item which is 100mm x 100mm.	Electrical Services
E9	20	Items	Number of mechanical control devices in Building. Include for chasing wall for each point and for chasing back box of item.	Size of chase 30mm wide x 30mm deep. Height of chase for each item shall be a 3metre chase. Include for chasing the back box for each item which is 100mm x 100mm.	Electrical Services
E10	1	1 off	Supports for mounting electrical boards	Size of board is 1800mm wide x 1200mm high x 200mm deep	Electrical Services
E11	1	1 off	Provide grounds in stud wall for mounting electrical boards	Size of ground shall be 2000mm wide x 1400mm high x 18mm thick	Electrical Services
E12	6	No.	Opes in roof for ducts. Allow for making good and fire stopping.	Dimension 200mm diameter.	Power Services(PV installation)
E13	100	metre	Main contractor to allow for the removal of 100metres of existing 600mmx600mm grid ceiling within the existing ground floor corridor area to allow for the new electrical cabling required to connect the new electric car charging units, new site lighting and new PV installation. Existing grid ceiling to be re-instated upon completion of the installation of new electrical cabling.		Electrical Services
E14	50	metre	Paint surface mounted conduit drops to devices		
Element 63 - Lighting Services:					
E15	45	Items	Number of light switches in Building. Include for chasing wall for each point and for chasing back box of item.	Size of chase 30mm wide x 30mm deep. Height of chase for each item shall be a 3metre chase. Include for chasing the back box for each item which is 100mm x 100mm.	Electrical Services
E16	150	1 off	Provide grounds in ceilings for light fittings.		Electrical Services
E17	150	1 off	Provide opes in ceilings to accommodate cabling for light fittings.	Ope size 25mmØ	Electrical Services
Element 66 - Cabling Containment Services:					
E18	30	1 off	Opening through internal walls for electrical services. Blockwork thickness approx. 215mm. Include for drilling/coring the ope, filling in the ope, fire sealing the ope to ensure that it is fire sealed and painting the wall once all works are completed.	Ope size 300mm H x 300mm W	Electrical Services
E19	5	1 off	Opening through external walls for electrical services. Blockwork thickness approx. 215mm. Include for drilling/coring the ope, filling in the ope, fire sealing the ope to ensure that it is fire sealed and painting the wall once all works are completed.	Ope size 50mm	Electrical Services
Element 68 - Protective Services:					
E20	60	Items	Number of fire alarm and intruder alarm points in Building. Include for chasing wall for each point and for chasing back box of item.	Size of chase 30mm wide x 30mm deep. Height of chase for each item shall be a 3metre chase. Include for chasing the back box for each item which is 100mm x 100mm.	Electrical Services
E21	60	1 off	Provide opes in ceilings to accommodate cabling for fire alarm services points.	Ope size 25mmØ	Electrical Services
E22	40	1 off	Opening through internal walls for fire alarm services within existing school building. Blockwork thickness approx. 215mm. Include for drilling/coring the ope, filling in the ope, fire sealing the ope to ensure that it is fire sealed and painting the wall once all works are completed.	Ope size 50mmØ	Fire Alarm Services (within existing building)
E23	40	metre	Paint surface mounted conduit drops to devices		Electrical Services
Notes: 1. All opes to be made good, fire stopped as per building regulations and painted to match new colour proposed for that area. 2. The Main Contractor to allow in programme for all builders work associated with the electrical installation. 3. The Electrical Contractor shall provide all ladders, towers, etc to accommodate high level services installation. 4. The Main Contractor to allow for all fire stopping of all opes associated with electrical installation in compartment walls and floors. 5. The Main Contractor to allow for all roofs opes to accommodate electrical services. 6. All roof opes shall be complete with minimum roof level to allow for weather purling box details complete with timber frame around opes for fixing and weathering collars. 7. The Main Contractor to allow for timber grounds for various M&E equipment.					