

Edward Pearce  
Old School House  
35 Ewell Road  
Surbiton  
Surrey KT6 6AF

Tel: 020 8390 6244  
Fax: 020 8390 1329  
Web: [www.edwardpearce.com](http://www.edwardpearce.com)  
e-mail: [post@edwardpearce.com](mailto:post@edwardpearce.com)

#### **CLIENT**

Private Client

#### **PROJECT**

List of Equipment in  
MEP Engineering  
Services Specification for  
46 Avenue Road,  
London, NW8 6HS

**Project No.:** 23/080  
**Date:** May 2024  
**Revision:** 00

**LIST OF ELECTRICAL SERVICES EQUIPMENT SPECIFIED**

<b>Main and Sub-Main Distribution Equipment</b>	
Main MCCB Panel Board	Schneider Electric Power Pact 4 -18-way TP&N - MG6C18
Distribution Boards & AFDD Din Rail Enclosure	<p>Schneider Electric Acti 9 range</p> <ul style="list-style-type: none"> <li>- 8 Way Type B Three Phase Board Products Code: SEA9BPN8. Din Rail Enclosure Products Code: SEA9DE40.</li> <li>- 12 Way Type B Three Phase Board Products Code: SEA9BPN12. Din Rail Enclosure Products Code: SEA9DE64.</li> <li>- 24-Way Type B Three-Phase Board Products Code: SEA9BPN24. Din Rail Enclosure Products Code: SEA9BN4SXS.</li> </ul>
<b>Lighting Control – Back of House</b>	
Surface Switches Plant Areas	MK Electric Ltd Metal Clad plus range catalogue reference K3591 ALM
Flush Switches Where No Lighting Control	Focus sb ambassador square range allowance Jordan bronze finish. Finish to be confirmed by the interior designer before order.
External Switches	MK Electric Ltd Master seal range 56401 BLK
Mirror Demister Panels	Mains voltage type by Magnum Heating controlled with lighting
<b>Power and Minor Power</b>	
Flush Outlets	Focus sb ambassador square range allowance Jordan bronze finish. Finish to be confirmed by the interior designer before order.

**46 Avenue Road, London - List of Equipment in MEP Engineering Services Specification**

	Sockets will be supplied with integral USB C ports throughout
Surface Outlets Plant Areas	MK Electric Ltd Metal Clad plus range catalogue reference 2446 ALM
External Outlets	Knightsbridge. Cat. ref. KB OP9N
Fused Connection Units	Fused connection units shall be to the same finish as adjacent socket outlets
Shaver Outlets	Focus sb ambassador square range allowance Jordan bronze finish.  Finish to be confirmed by the interior designer before order.
Electric Underfloor Warming	Schlüter®, their DITRA-HEAT-E System (136 Watts per square metre)
Electric Underfloor Warming Controller	Heatmiser Touch-E V2 programmable thermostat
Electric Towel Rail Programmable Timer.	Heatmiser neo stat E
Electric UFH & Towel Rail Heating Control	HEATMISER NEOHUB smart heating hubs for the control of the Heatmister thermostats via APP on phone or tablet.
Floor Boxes	Cableduct Ltd., cat. ref. 700 series with box and lid to receive deep floor finish.  Finish to be confirmed by the interior designer before order.
Electric Vehicle Charging	Pod point solo chargers 7.2kw/32amps
E-Bike charging	Dedicated external single sockets
USB C Charging Points	Focus sb ambassador square range allowance Jordan bronze finish.  Finish to be confirmed by the interior designer before order.

**46 Avenue Road, London - List of Equipment in MEP Engineering Services Specification**

<b>Fire Alarm</b>	
Control Panel	Advanced from their MXPRO5 Range 4 loop
Automatic Smoke Detector	<p>Applo – XP95 Optical Smoke Detector Analogue Addressable.</p> <p>Detector head Cat. Ref: 55000-600APO.</p> <p>Base sounder Cat. Ref: 45681-278APO</p> <p>Base without Sounder Cat. Ref: 45681-210APO</p>
Automatic Thermal Detectors	<p>Applo – XP95 Heat Detector Analogue Addressable.</p> <p>Detector head Cat. Ref: 55000-400APO</p> <p>Base sounder Cat. Ref: 45681-278APO</p> <p>Base without Sounder Cat. Ref: 45681-210APO</p>
Alarm Sounders	<p>Compro AF/W ASKARI FLANGE Sounder 95dB hidden behind sounder plate by Focus sb ambassador square range allowance Jordan bronze finish.</p> <p>Finish to be confirmed by the interior designer before order.</p>
Aspirating Smoke Detection System	Wagner TITANUS PRO-SENS (Silent Version). With discreet plaster in the sampling point.
<b>Intruder Alarm System</b>	
Control Panel	Texecom Premier Elite
Keypads	Texecom from their Premier Elite FMK range finish to be agreed.
Communications Module	Dual path GSM to preferred alarm receiving centre.
Magnetic Reed Switches	Texecom recessed magnetic contacts.

**46 Avenue Road, London - List of Equipment in MEP Engineering Services Specification**

Passive Infrared Movement Detectors	Texecom Premier Elite AMDT
Vibration Detectors	RISCO shock guard
Panic Alarm Buttons	CQR EPA/STD Push Button, Panic Button
Internal Sounders	Texecom Extension Internal Siren, Speaker – CHB-0001
External Warning Devices	Texecom FCC-0843 Odyssey 3E Live Bell Box
<b>Surge Protection</b>	
Three-Phase Surge Protection Device	ABB Furse ESP 415 M2
Single-Phase Surge Protection Device	ABB Furse ESP 240 M1
<b>Photovoltaic (PV) Installation</b>	
Photovoltaic (PV) System	BauderSOLAR system 4 kWp made up of 12 No. modules.

**LIST OF MECHANICAL SERVICES EQUIPMENT SPECIFIED**

<b>Heating Equipment</b>	
Boilers	Vaillant ecoTEC Plus 80
Air Source Heat Pumps	Vaillant aroTHERM Plus 7kW
Pressurisation Units	Mikrofill 3
Pumps	Grundfos Magna 3D & UPS type pumps
Wet Underfloor Heating	Nu-Heat SC14 Cliptrack
Gas Safety System	GPPS-L by Medem
<b>Cylinders and Water Treatment</b>	
Hot Water Cylinder	ACV Smart SL600
Cold Water Tank / Booster Set	Dutypoint scubaTANK WX2-5040-1650
Water Softener	Goodwater Pegasus 80/2750 Simplex
<b>Comfort Cooling</b>	
Comfort Cooling System	Daikin VRV IV mini series (RXYSCQ)
Refrigerant Gas Alarm System	Aquilar Aquinet with AT-SRG sensors
Diffusers	Air Diffusion Flowbar
<b>Ventilation Systems</b>	
MVHR Units	Nuaire XBoxer XBC Series
Louvres	Gilberts Blackpool WGC-38
Roof Hoods	Lindab model HU

**LIST OF PUBLIC HEALTH SERVICES EQUIPMENT SPECIFIED**

<b>Above-Ground Soil, Waste And Rainwater Plumbing Services</b>	
Internal Soil, Vent And Rainwater Pipes	Saint Gobain Ensign
Air Admittance Valves (AAV)	FloPlast Push Fit Black AF110
<b>Below-Ground Drainage Services</b>	
Pipes And Fittings	Saint Gobain Ensign
External Rainwater Floor Drains	Aco Raindrain B125,
Foul Water Sump Pump Discharge Lines	HDPE/PVC-U
Foul Water Pumps	New Haden Compac-M