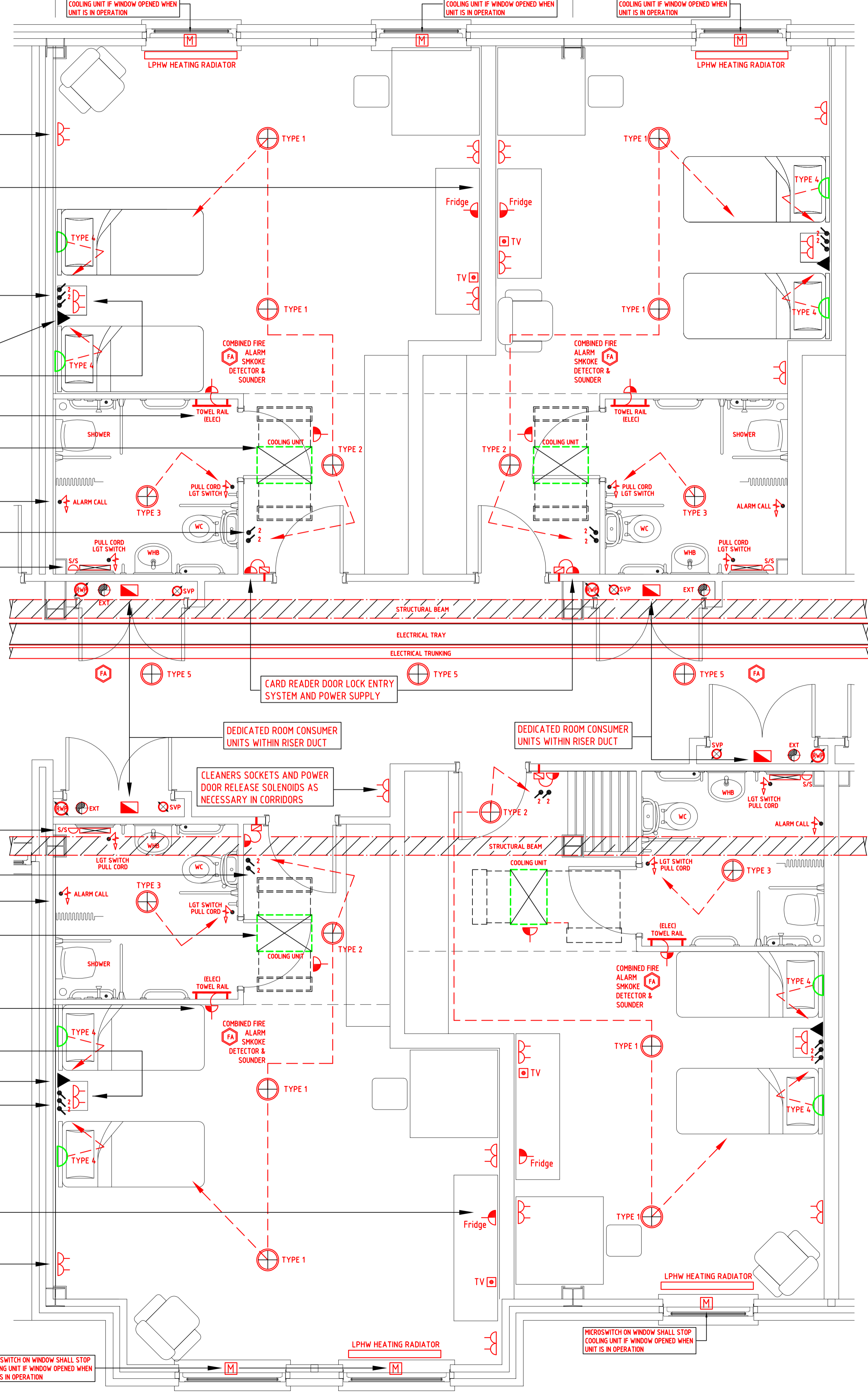


# ELECTRICAL SERVICES

## Scale 1:25



### ELECTRICAL SERVICES

**General**  
 THE CONTRACTOR SHALL DESIGN, INSTALL, TEST AND COMMISSION THE HEATING, VENTILATION COOLING SYSTEMS, IN ACCORDANCE WITH ALL INDUSTRY REGULATIONS, RELAVANT CODES OF PRACTICE AND BUILDING CONTROL REQUIREMENTS.  
 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ROOM DATA SHEETS

### Legend

- LIGHTING**
- ⊕ TYPE 1 (TO BE SELECTED) LOW ENERGY RECESSED LUMINAIRE
  - ⊕ TYPE 2 (TO BE SELECTED) LOW ENERGY RECESSED LUMINAIRE
  - ⊕ TYPE 3 (TO BE SELECTED) LOW ENERGY IP54 SURFACE LUMINAIRE
  - ⊕ TYPE 4 (TO BE SELECTED) LOW ENERGY RECESSED LUMINAIRE
  - ⊕ TYPE 5 (TO BE SELECTED) LOW ENERGY RECESSED LUMINAIRE
  - ⊔ WALL LIGHT TYPE 5 (TO BE SELECTED)
- POWER**
- ⊔ SWITCHED FUSED SPUR OUTLET
  - ⊔ UN-SWITCHED FUSED SPUR OUTLET
  - ⊔ SWITCHED SOCKET OUTLET
  - ⊔ DOUBLE SWITCHED SOCKET OUTLET
  - ⊔ S/S SHAVING SOCKET OUTLET
  - ⊔ TSSO TWIN SWITCHED SOCKET OUTLET
- AUXILIARY ITEMS**
- ⊔ COMBINED FIRE ALARM SMOKE DETECTOR AND SOUNDER
  - ⊔ ELECTRICALLY OPERATED TOWEL RAIL TYPE 1 (TO BE SELECTED)
  - ⊔ BEDROOM CONSUMER UNIT
  - ⊔ TELEVISION OUTLET
  - ⊔ TELEPHONE OUTLET (Wiring by Client Specialist)
  - ⊔ MICROSWITCH ON WINDOW - see note on drawing

### SERVICES NOTES

- 1.0 ALL SERVICES PASSING THROUGH FIRE RATED WALLS AND SLABS SHALL HAVE APPROPRIATE FIRE SLEEVES AND SEALS IN ACCORDANCE WITH BUILDING CONTROL REQUIREMENTS
- 2.0 A MICROSWITCH ON THE OPENABLE WINDOW SHALL STOP THE OPERATION OF THE COOLING UNIT WHEN ACTIVATED
- 3.0 ALL SERVICES SHALL BE DDA COMPLIANT

### Drawings List

ES 01	GF	HVAC SERVICES
ES 01	FF	HVAC SERVICES
ES 01	SF	HVAC SERVICES
ES 01	TF	HVAC SERVICES
ES 01	GF / FF	WATER SERVICES & DRAINAGE
M 06	SF / TF	WATER SERVICES & DRAINAGE
M 07		ROOF PLAN PLANT LAYOUT
M 08		AIR CONDITIONING SCHEMATIC
M 09		HEATING & VENTILATION SCHEMATIC
E 01	GF	LIGHTING & FIRE ALARM
E 02	FF	LIGHTING & FIRE ALARM
E 03	SF	LIGHTING & FIRE ALARM
E 04	TF	LIGHTING & FIRE ALARM
E 05	GF / FF	POWER & ANCELLARY
E 06	SF / TF	POWER & ANCELLARY
E 07		ROOF PLAN LIGHTING, POWER & LIGHTNING PROTECTION

### EN-SUITE ALARM

NOTE: ALL BEDROOM ENSUITS SHALL HAVE A SATURN ALARM SYSTEM WITH CALL FACILITY & REMOTE INDICATION IN RECEPTION/DUTY OFFICE

### ASSISTED BATHROOM ALARM

NOTE: ALL ASSISTED BATHROOMS ON THE PROJECT SHALL HAVE A SATURN ALARM SYSTEM WITH FACILITY, REMOTE INDICATION AND ALARM INDICATION IMMEDIATELY EXTERNAL TO THE BATHROOM

### DDA COMPLIANT

NOTE: ALL SERVICES IN BEDROOMS SHALL BE FULLY DDA COMPLIANT

- TWIN SWITCHED SOCKET OUTLET
- SEATED BENCH AREA: TV AERIAL SOCKET, 2 No. DOUBLE SWITCHED SOCKET OUTLETS, SWITCHED FUSED SPUR FOR REFRIGERATOR
- LIGHT SWITCHES LOCATED CENTRALLY BETWEEN BEDS. 3 GANG SWITCH FOR INDIVIDUAL WALL LIGHT, MAIN ROOM LIGHTS & LOBBY LIGHT
- TELEPHONE OUTLET
- TWIN SWITCHED SOCKET OUTLET
- ELECTRICAL TOWEL RAIL FOR HEATING SWITCHED BY LIGHT SWITCH FED FROM FLEX FUSED SPUR OUTLET
- 1 phase ELECTRICAL SUPPLY FOR COOLING UNIT (2.5 kw) WITH SWITCHED SPUR OUTLET
- 2 GANG LIGHT SWITCH FOR LOBBY AND MAIN ROOM LIGHTS
- PULL CORD LIGHT ABOVE MIRROR, WITH INTEGRAL SHAVING SOCKET OUTLET

**EN-SUITE ALARM**  
 NOTE: ALL BEDROOM ENSUITS SHALL HAVE A SATURN ALARM SYSTEM WITH CALL FACILITY & REMOTE INDICATION IN RECEPTION/DUTY OFFICE

- PULL CORD LIGHT ABOVE MIRROR, WITH INTEGRAL SHAVING SOCKET OUTLET
- 2 GANG LIGHT SWITCH FOR LOBBY AND MAIN ROOM LIGHTS
- 1 phase ELECTRICAL SUPPLY FOR COOLING UNIT (2.5 kw) WITH SWITCHED SPUR OUTLET
- ELECTRICAL TOWEL RAIL FOR HEATING SWITCHED BY LIGHT SWITCH FED FROM FLEX FUSED SPUR OUTLET
- TWIN SWITCHED SOCKET OUTLET
- TELEPHONE OUTLET
- LIGHT SWITCHES LOCATED CENTRALLY BETWEEN BEDS. 3 GANG SWITCH FOR INDIVIDUAL WALL LIGHT, MAIN ROOM LIGHTS & LOBBY LIGHT
- SEATED BENCH AREA: TV AERIAL SOCKET, 2 No. DOUBLE SWITCHED SOCKET OUTLETS, SWITCHED FUSED SPUR FOR REFRIGERATOR
- TWIN SWITCHED SOCKET OUTLET

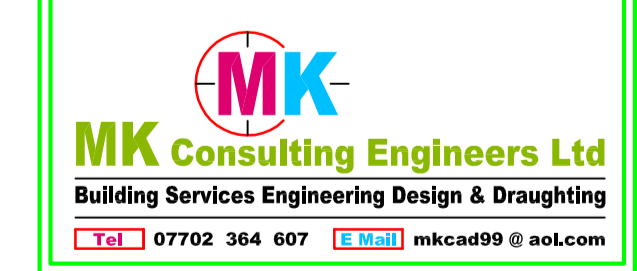
**EN-SUITE ALARM**  
 NOTE: ALL BEDROOM ENSUITS SHALL HAVE A SATURN ALARM SYSTEM WITH CALL FACILITY & REMOTE INDICATION IN RECEPTION/DUTY OFFICE

C	CONTRACT ISSUE	-
T	TENDER ISSUE	-
Rev	Description	Date

**client**  
 THE ROYAL BRITISH LEGION

**architect**  
 ARMSTRONG BURTON ARCHITECTS

**project**  
 ROYAL BRITISH LEGION  
 WESTON-SUPER-MARE



**Drawing Title**  
 MECHANICAL SERVICES  
 TYPICAL ROOM LAYOUT WITH SHOWER  
 ELECTRICAL SERVICES

Scale	NTS	Drawn	AK
Date	-	Checked	AK

**Drawing Number**  
 MK/698/SAMPLE

**Drawing Status**  
 CONTRACT ISSUE