

Schedule Of Luminaires

Ⓐ	PENDANT LAMP HOLDER TO BE FITTED WITH LED LAMP
Ⓑ	LED BATTEN HOLDER
Ⓒ	WHITE RECESSED DOWNLIGHTER WITH 7W LED LAMP
Ⓓ	LED STRIPLIGHT
Ⓕ	SQUARE WHITE PLASTIC IP44 RATED LED MIRROR LIGHT
Ⓖ	WHITE IP65 RATED RECESSED DOWNLIGHTER WITH 7W LED LAMP
Ⓕ	RECESSED EXTERNAL IP55 RATED LED LUMINAIRE
Ⓕ	CONNECTION POINT FOR HEATED BACK LIT MIRROR. MIRROR PROVIDED BY OTHERS
Ⓕ	SQUARE RECESSED DIMMABLE DOWNLIGHTER WITH 7W LED LAMP
Ⓕ	SQUARE RECESSED DOWNLIGHTER WITH 7W LED LAMP
Ⓕ	RECTANGULAR RECESSED DIMMABLE DOWNLIGHTER WITH 2x7W LED LAMP
Ⓕ	RECESSED/SURFACE MOUNTED VANDAL PROOF WHITE LED LUMINAIRE
Ⓕ	SQUARE RECESSED DOWNLIGHTER WITH LED LAMPS
Ⓕ	IP65 RATED LINEAR LUMINAIRE WITH 30W LED LAMPS AS THORLUX LIGHTING THEIR THOROPROOF RANGE, TP15906L
Ⓕ	AS ABOVE BUT C/W 60W LED LAMPS AS THORLUX LIGHTING THEIR THOROPROOF RANGE, TP15907L
Ⓕ	SURFACE MOUNTED LED LUMINAIRE
Ⓕ	SQUARE RECESSED DOWNLIGHTER WITH LED LAMPS
Ⓕ	SURFACE MOUNTED IP65 RATED EXTERNAL LUMINAIRE
Ⓕ	BATTERY/INVERTER UNIT TO BE INCORPORATED IN GENERAL LIGHTING LUMINAIRE TO OPERATE THE LAMP IN THE EVENT OF A MAINS FAILURE
2G	SINGLE WAY SWITCH - LETTER DENOTES GANG - 1200mm AFFL
2G	AS ABOVE BUT 2 WAY
Ⓕ	DIMMER SWITCH - LETTER DENOTES GANG
Ⓕ	PIR TO CONTROL LIGHTING
Ⓕ	DAYLIGHT/PRESENCE SENSOR TO CONTROL LIGHTING
Ⓕ	PULL CORD 2 WAY SWITCH - CEILING MOUNTED
L	NOTE LARGE ROCKER TYPE TO BE USED IN WHEELCHAIR UNITS AND LARGE PULL ON SWITCHES DENOTED BY 'L' ADJACENT

FINAL SELECTIONS OF ALL LUMINAIRES TO BE AGREED

Schedule Of Symbols

Ⓕ	13A TWIN SWITCH SOCKET OUTLET *W* INDICATES WATERPROOF *OR* DENOTES OUTBOARD ROCKERS FOR ALL S/O'S IN WHEELCHAIR UNITS
Ⓕ	13A SINGLE SWITCH SOCKET OUTLET
Ⓕ	13A LOCKABLE SWITCH SOCKET OUTLET TO LANDLORDS AREAS
Ⓕ	13A SWITCH FUSED CONNECTION UNIT WITH FLEX OUTLET
Ⓕ	13A UNSWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET FOR ACCESS CONTROL
Ⓕ	GRID SWITCH TO CONTROL KITCHEN APPLIANCES INCLUDING OVEN, WASHING MACHINE (WM), FRIDGE FREEZER (FF), COOKER HOOD (CH), DISHWASHER (DW) AND UNDERCUPBOARD LIGHTING BY KITCHEN SPECIALIST
Ⓕ	13A SWITCH FUSED CONNECTION UNIT AT H/L WITH WIRING TO FLEX OUTLET FOR TOWEL RAIL
Ⓕ	13A SWITCH FUSED CONNECTION UNIT FOR A/C INDOOR UNIT
Ⓕ	20A DP SWITCH FOR OVEN WITH CONCEALED CABLING TO CONNECTION UNIT (PRIVATE)
Ⓕ	32A DP SWITCH FOR HOB WITH CONCEALED CABLING TO CONNECTION UNIT (PRIVATE)
Ⓕ	20A DP SWITCH FOR MICROWAVE WITH CONCEALED CABLING TO CONNECTION UNIT (PRIVATE)
Ⓕ	45A COOKER CONTROL UNIT FOR OVEN WITH CONCEALED CABLING TO CONNECTION UNIT (AFFORDABLE)
Ⓕ	13A UNSWITCHED SOCKET OUTLET FOR DISHWASHER
Ⓕ	13A UNSWITCHED SOCKET OUTLET FOR FRIDGE/FREEZER
Ⓕ	13A UNSWITCHED SOCKET OUTLET FOR WASHING MACHINE
Ⓕ	13A UNSWITCHED SOCKET OUTLET FOR COOKER HOOD
Ⓕ	13A SWITCH FUSED CONNECTION UNIT AT H/L FOR AUTOMATIC BLINDS SUPPLIED FROM LOCAL RING CIRCUIT
Ⓕ	13A SWITCH FUSED CONNECTION UNIT AT H/L FOR WARDROBE LIGHTING SUPPLIED FROM LOCAL LIGHTING CIRCUIT
Ⓕ	CONSUMER UNIT / DISTRIBUTION BOARD
BT1	CONTRACTOR TO PROVIDE DOUBLE BACK BOX, SLAVE VOICE SOCKET AND 2No. RJ45 MODULAR BOXES AT ONT POSITION FOR BT OPENREACH. FINAL REQUIREMENTS TO BE CONFIRMED
BT2	CONTRACTOR TO PROVIDE DOUBLE BACK BOX, SLAVE VOICE SOCKET AND 2No. RJ45 MODULAR BOXES AND PATCH PANEL AT ONT POSITION FOR BT OPENREACH. FINAL REQUIREMENTS TO BE CONFIRMED
F	BOOSTER SWITCH FOR CONTINUOUS EXTRACT
Ⓕ	TELEPHONE OUTLET
TV1	INTEGRATED RECEPTION SYSTEM (IRS) QUADPLEXER TV POINT SERVING TV/UHF, FM/DAB, SKY Q AND SECOND SATELLITE SIGNAL (MASTER)
TV2	INTEGRATED RECEPTION SYSTEM (IRS) DIPLEXER TV POINT SERVING TV/UHF AND FM/DAB (SLAVE)
V	CABLING FOR FUTURE VIRGIN MEDIA OUTLET COILED UP UNTERMINATED BEHIND BLANK PLATE
D	DATA OUTLET
S	SHOWER OUTLET
S	FIRE ALARM SYSTEM - MAINS SMOKE DETECTOR
M	FIRE ALARM SYSTEM - MAINS HEAT DETECTOR
DR	DOOR RELEASE
VE	DOOR ENTRY SYSTEM - VIDEO ENTRY PANEL
PR	DOOR ENTRY SYSTEM - KEY FOB UNIT
DR	DOOR ENTRY SYSTEM - DOOR RELEASE
M	DOOR ENTRY SYSTEM - ELECTRO-MAGNETIC LOCK
VEH	DOOR ENTRY SYSTEM - VIDEO ENTRY HANDSET WITH DOOR RELEASE * ADJACENT DENOTES TABLE TOP VERSION WITH 2 METRE CABLE
VE2	DOOR ENTRY SYSTEM - CABLING FOR FUTURE PROVISION ONLY
M	UTILITY ELECTRIC METER
S	FIRE ALARM SYSTEM - SMOKE DETECTOR TO LANDLORDS AREA - 'S' INDICATES WITH INTEGRAL SOUNDER
H	FIRE ALARM SYSTEM - HEAT DETECTOR TO LANDLORDS AREA - 'S' INDICATES WITH INTEGRAL SOUNDER
Ⓕ	FIRE ALARM SYSTEM - BREAK GLASS CALL POINT
Ⓕ	FIRE ALARM SYSTEM - SOUNDER
Ⓕ	FIRE ALARM SYSTEM - INDICATOR / SOUNDER
SS	SMOKE SHAFT WITH DAMPER AND GRILLE
ADV	AUTOMATIC OPENING VENT
WA	WINDOW ACTUATOR
MSD	MOTORISED SMOKE DAMPER WITHIN CEILING VOID
M	ELECTRO-MAGNETIC HOLD OPEN DEVICE WITH DOOR RELEASE ADJACENT
Ⓕ	INTRUDER ALARM SYSTEM - DOOR CONTACT
Ⓕ	INTRUDER ALARM SYSTEM - PIR
Ⓕ	DISABLED TOILET ALARM - PULL CORD
Ⓕ	DISABLED TOILET ALARM - RESET UNIT
Ⓕ	DISABLED TOILET ALARM - OVERDOOR INDICATOR
Ⓕ	CCTV CAMERA
CCTV	CCTV MONITOR

Mounting Height Schedule

LOCATION	FIXING HEIGHT
Kitchen Socket Outlet	150mm above Worktops (in middle course of tiling)
45A Cooker Control Unit (Affordable)	150mm above Worktops (in middle course of tiling)
20A DP Switch for Oven (Private)	150mm above Worktops (in middle course of tiling)
32A DP Switch for Hob (Private)	150mm above Worktops (in middle course of tiling)
Cooker Connection Outlet	550mm above Floor
20A DP Switch for Microwave (Private)	150mm above Worktops (in middle course of tiling)
Unswitched Socket Outlet for Kitchen Appliances	550mm Above Floor
Gridswitch to Control Kitchen Appliances	150mm above Worktops (in middle course of tiling)
Booster Switch for Continuous Extract	150mm above Worktops (in middle course of tiling)
Socket Outlets Generally	550mm above Floor
Light Switches	1200mm above Floor
BT & TV Outlet	550mm above Floor
Entry Phone Handset	1200mm above Floor
Consumer Unit	1200mm above Floor to top edge of CU
Shaver Socket	1200mm above Floor
Bell Push	1200mm above Floor
Heating Programmer/Thermostat	1200mm above Floor
Mirror Light	Directly above Mirror
Energy Display Unit	1200mm above Floor

All dimensions to top of equipment

Mounting Height Schedule (Wheelchair Units)

LOCATION	FIXING HEIGHT
Kitchen Socket Outlet	150mm above Worktops (in middle course of tiling)
45A Cooker Control Unit (Affordable)	150mm above Worktops (in middle course of tiling)
20A DP Switch for Oven	150mm above Worktops (in middle course of tiling)
32A DP Switch for Hob	150mm above Worktops (in middle course of tiling)
Cooker Connection Outlet	550mm above Floor
Unswitched Socket Outlet for Kitchen Appliances	800mm Above Floor
Gridswitch to Control Kitchen Appliances	150mm above Worktops (in middle course of tiling)
Booster Switch for Continuous Extract	150mm above Worktops (in middle course of tiling)
Socket Outlets Generally	800mm above Floor
Light Switches	800mm above Floor
BT & TV Outlet	800mm above Floor
Entry Phone Handset	800mm above Floor
Consumer Unit	1000mm above Floor to top edge of CU
Shaver Socket	800mm above Floor
Bell Push	800mm above Floor
Heating Programmer/Thermostat	800mm above Floor
Mirror Light	Directly above Mirror
Energy Display Unit	800mm above floor

All dimensions to top of equipment
Contractor shall allow for height adjustable outlets in kitchen and liaise with kitchen specialists.

NOTES

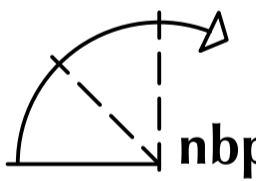
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER ENGINEERING AND ARCHITECTURAL DRAWINGS.
- EXACT POSITIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT TO BE AGREED WITH THE CLIENT AND ARCHITECT BEFORE THE INSTALLATION IS COMMENCED AND INDICATED ACCURATELY ON THE CONTRACTORS DETAILED WORKING DRAWINGS.
- ALLOWANCE SHALL BE MADE TO CO-ORDINATE THE MECHANICAL & ELECTRICAL SERVICES TO THE FIXTURES AND FITTINGS SHOWN ON THE ARCHITECTS DRAWINGS.
- THIS DRAWING OUTLINES THE DESIGN INTENT FOR THE MECHANICAL AND ELECTRICAL SERVICES AND HAS BEEN PRODUCED TO ASSIST THE CONTRACTOR WITH TENDER. THE DRAWING DOES NOT INDICATE ALL EQUIPMENT ACCESSORIES, DEVICES ETC WHICH MAY BE REQUIRED FOR THE SATISFACTORY DESIGN. INSTALLATION AND COMPLETION OF THE PROJECT AND SHALL THEREFORE BE USED FOR GUIDANCE PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING EVERYTHING WITHIN HIS TENDER NECESSARY FOR SATISFACTORY COMPLETION.
- DRAWING TO BE READ IN CONJUNCTION WITH THE ELECTRICAL FITTINGS SCHEDULE.
- KITCHEN LOCATIONS TO BE CONFIRMED WHERE THERE IS A DISCREPANCY THE CONTRACTOR SHALL INCLUDE FOR THE HIGHER NUMBER OF OUTLETS.

C2 03-10-17 REVISED AS CLOUDED PK MD
C1 31-03-17 CONSTRUCTION ISSUE DP MD

Date	Revision	Dwn	Chk
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Client
WATES LIVING SPACE

Project

ABBEEY ROAD

Service
Electrical Engineering

Title

ELECTRICAL SCHEDULE OF SYMBOLS

Scale	Date	Drawn	Approved
NTS@A1	JAN'17	DP	MD

DRAWING No.	REV.
EBS 1536/3	C2

CONSTRUCTION