

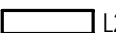
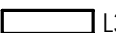






















LEGEND OF SYMBOLS





LUMINAIRES

|   |     |   |
|---|-----|---|
|    | B1  | BOLLARD LUMINAIRE, 24W, 2578 LUMENS, 3000K, CRI 90, IP66, NON-DIMMABLE<br>AS ADLT ARCLUCE MIKO OR APPROVED EQUIVALENT   |
|    | L1  | 1200mm x 300mm RECESSED MOUNTED LED TROFFER LIGHT, 24W, 2578 LUMENS, 4000K, CRI 90, IP20, DALI DIMMABLE<br>AS EAGLE LIGHTING VERTEX OR APPROVED EQUIVALENT    |
|    | L2  | 1200mm x 300mm RECESSED MOUNTED LED TROFFER LIGHT, 27W, 2850 LUMENS, 4000K, CRI 90, IP44, DALI DIMMABLE<br>AS EAGLE LIGHTING CLEANROOM OR APPROVED EQUIVALENT |
|    | L3  | 1200mm x 300mm SURFACE MOUNTED LED TROFFER LIGHT, 26W, 2885 LUMENS, 4000K, CRI 90, IP65, DALI DIMMABLE<br>AS EAGLE LIGHTING CLEANROOM OR APPROVED EQUIVALENT  |
|    | L4  | 800mm x 65mm SURFACE MOUNTED LED LINEAR LIGHT, 9W, 798 LUMENS, 4000K, CRI 90, IP20, DALI DIMMABLE<br>AS EAGLE LIGHTING ELLE OPAL OR APPROVED EQUIVALENT       |
|    | L5  | 1200mm x 150mm SURFACE MOUNTED LED BATTEN TYPE LUMINAIRE, 19W, 2510 LUMENS, 4000K, CRI 80+, DALI DIMMABLE<br>AS EAGLE LIGHTING DENSUS OR APPROVED EQUIVALENT  |
|    | LS1 | RECESSED MOUNTED LED LIGHTING STRIP, 3000K, DIMMABLE TAMPER-PROOF   |
|    | LS2 | SURFACE MOUNTED LED LIGHTING STRIP, 12W/m, 797 LUMENS, 3000K, CRI 90, IP67, DALI DIMMABLE<br>AS VERSALUX TORINO-X OR APPROVED EQUIVALENT                      |
|    | D1  | RECESSED MOUNTED LED DOWNLIGHT, 18W, 1803 LUMENS, 4000K, CRI 90, IP20, DALI DIMMABLE<br>AS FAGERHULT PLEIAD G4 125 OR APPROVED EQUIVALENT                     |
|    | D2  | RECESSED MOUNTED LED DOWNLIGHT, 9W, 1167 LUMENS, 4000K, CRI 90, IP20, DALI DIMMABLE ANTI-LIGATURE<br>AS FAGERHULT PLEIAD G4 165 OR APPROVED EQUIVALENT        |
|    | D3  | RECESSED MOUNTED LED DOWNLIGHT, 13W, 1352 LUMENS, 4000K, CRI 90, IP64, DALI DIMMABLE ANTI-LIGATURE<br>AS FAGERHULT PLEIAD G4 165 OR APPROVED EQUIVALENT       |
|    | D4  | SURFACE MOUNTED LED DOWNLIGHT, 17W, 1169 LUMENS, 4000K, CRI 92, IP20, DALI DIMMABLE<br>AS UNIOS KINETIC MEDIUM OR APPROVED EQUIVALENT                         |
|    | D5  | RECESSED MOUNTED LED DOWNLIGHT, 8W, 648 LUMENS, 4000K, CRI 90, IP44, DALI DIMMABLE<br>AS UNIOS TITANIUM G2 OR APPROVED EQUIVALENT                             |
|    | D6  | RECESSED MOUNTED LED DOWNLIGHT, 27W, 2824 LUMENS, 4000K, CRI 90, IP64, DALI DIMMABLE<br>AS FAGERHULT PLEIAD G4 165 OR APPROVED EQUIVALENT                     |
|    | D7  | RECESSED MOUNTED LED DOWNLIGHT, 10W, 988 LUMENS, 4000K, CRI 90, IP20, DALI DIMMABLE<br>AS FAGERHULT PLEIAD G4 125 OR APPROVED EQUIVALENT                      |
|    | D8  | RECESSED MOUNTED LED DOWNLIGHT, 10W, 1267 LUMENS, 3000K, CRI 90, IP64, NON DIMMABLE<br>AS FAGERHULT PLEIAD G4 125 OR APPROVED EQUIVALENT                      |
|    | P1  | POLE MOUNTED LUMINAIRE, 24W, 3254 LUMENS, 3000K, CRI80, IP66, NON DIMMABLE<br>AS WE-EF RFL530-SE OR APPROVED EQUIVALENT                                       |
|    | PL  | ZENITH SPARK ACOUSTIC LIGHTING<br>SPECIFIED BY THE ARCHITECT  |
|  | FL  | CIRCULAR BARRISOL LIGHT<br>SPECIFIED BY THE ARCHITECT   |
|  | W1  | SURFACE-MOUNTED WALL LUMINAIRE, 14W, 853 LUMENS, 3000K, CRI 80, IP66, NON DIMMABLE<br>AS WE-EF SLS420 OR APPROVED EQUIVALENT                                  |






















LIGHTING/SWITCHING CONTROL

|   |  |
|---|--|
|  | ONE-WAY SWITCH<br>CLIPSAL PRO SERIES OR APPROVED EQUIVALENT  |
|  | TWO-WAY SWITCH<br>CLIPSAL PRO SERIES OR APPROVED EQUIVALENT  |
|  | MOTION SENSOR<br>CLIPSAL SERIES OR APPROVED EQUIVALENT       |
|  | PHOTO ELECTRIC CELL SENSOR<br>CLIPSAL OR APPROVED EQUIVALENT |






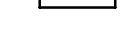


EMERGENCY LUMINAIRES & EXIT SIGNS

|   |   |
|---|---|
|  | NON-MAINTAINED EMERGENCY LIGHT, DALI CAPABLE<br>CLEVERTRONICS LIFELIGHT PRO OR APPROVED EQUIVALENT                |
|  | EXIT SIGN, DALI CAPABLE<br>CLEVERTRONICS CLEVERFIT PRO OR APPROVED EQUIVALENT                                     |
|  | SINGLE SIDED EXIT SIGN WITH DIRECTIONAL ARROW, DALI CAPABLE<br>CLEVERTRONICS CLEVERFIT PRO OR APPROVED EQUIVALENT |
|  | DOUBLE SIDED EXIT SIGN WITH DIRECTIONAL ARROW, DALI CAPABLE<br>CLEVERTRONICS CLEVERFIT PRO OR APPROVED EQUIVALENT |

POWER

|   |  |
|---|--|
|    | 10A, 240V SINGLE SWITCHED SOCKET OUTLET (GPO)<br>x - AMPERE RATING                               |
|    | 10A, 240V DOUBLE SWITCHED SOCKET OUTLET (DGPO)   |
|    | 10A, 240V DOUBLE SWITCHED SOCKET OUTLET (DGPO)<br>C/W DUAL USB CHARGER MECHANISM (TYPE A/TYPE C) |
|    | CAPTIVE SCREW  |
|    | MAIN SWITCHBOARD   |
|    | MECHANICAL DISTRIBUTION BOARD<br>(BY OTHERS)   |
|    | ELECTRICAL DISTRIBUTION BOARD  |
|    | POINT OF ENTRY   |
|    | SOLAR PV INVERTER  |
|    | WORKSTATION MOUNTED POWER AND STARTER SOCKET<br>TO BE PROVIDED BY FURNITURE CONTRACTOR           |
|   | 2 x DGPO ABOVE BENCH<br>2 x DGPO BELOW BENCH<br>1 x DOUBLE DATA OUTLET                           |
|    | FLOOR BOX<br>2 x DGPO ABOVE BENCH<br>2 x DGPO BELOW BENCH<br>1 x DOUBLE DATA OUTLET              |
|    | POWER CONDUIT  |
|    | EV CHARGER POWER CONDUIT   |
|    | EXISTING EVOENERGY SUPPLY CABLE  |
|    | POWER CABLE TRAY   |
|    | CABLE PITS   |
|    | E - ELECTRICAL   |
|    | C - COMMUNICATIONS   |
|  | DIRECT WIRED CONNECTION  |
|  | ISOLATOR   |
|  | x - AMPERE RATING<br>n - NUMBER OF PHASE   |








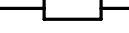


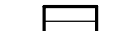
COMMUNICATION

|   |                                |
|---|--------------------------------|
|  | CAT 6A RJ45 SINGLE DATA OUTLET |
|  | CAT 6A RJ45 DUAL DATA OUTLET   |
|  | WAP - WIRELESS ACCESS POINT    |
|  | COMMUNICATION RACK             |
|  | COMMUNICATIONS CONDUIT         |
|  | COMMUNICATIONS CABLE TRAY      |
|  | BFD - BUILDING FIBER DEVICE    |
|  | TV OUTLET                      |

NOMENCLATURE

|      |   |
|------|---|
| AB   | ABOVE BENCH                                     |
| AD   | AUTO DOOR                                       |
| AFFL | ABOVE FLOOR FINISH LEVEL                        |
| CL   | CLEANERS OUTLET                                 |
| CR   | COMMS RACK                                      |
| CT   | COOKTOP   |
| CWBP | COLD WATER BOOSTER PUMP                         |
| DW   | DISHWASHER                                      |
| F    | FIRE  |
| FDCE | FIRE DETECTION CONTROL AND INDICATING EQUIPMENT |
| FR   | FRIDGE  |
| HBP  | HYDRANT BOOSTER PUMP                            |
| HL   | HIGH LEVEL                                      |
| HWU  | HOT WATER UNIT                                  |
| IC   | IN CEILING                                      |
| IP   | IRRIGATION PUMP                                 |
| KS   | ELECTRONIC KEY SAFE                             |
| MB   | MOTORISED BLIND                                 |
| MH   | MOUNTING HEIGHT                                 |
| MFD  | MULTIFUNCTION DEVICE                            |
| MW   | MICROWAVE                                       |
| OV   | OVEN  |
| REF  | REFRIGERATOR                                    |
| RP   | RECIRCULATING PUMP                              |
| SEC  | SECURITY  |
| ST   | SENSOR TAP                                      |
| T    | TELEPHONE                                       |
| UB   | UNDER BENCH                                     |
| WP   | WEATHER-PROOF                                   |
| WM   | WALL-MOUNTED                                    |
| DR   | DRYER   |
| W    | WASHING MACHINE                                 |

ELECTRICAL SCHEMATICS

|   |   |
|---|---|
|    | SINGLE PHASE  |
|    | THREE PHASE   |
|    | BUSBAR<br>n INDICATES BUSBAR RATING IN AMPS<br>Isc INDICATES AVAILABLE SYMMETRICAL FAULT LEVELS |
|    | CIRCUIT BREAKER<br>n RATING IN AMPS<br>m MAXIMUM RATING IN AMPS                                 |
|    | CURRENT TRANSFORMER   |
|  | HRC FUSE  |
|  | JOINED  |
|  | KWH METER<br>AS PER METERING AUTHORITY REQUIREMENTS   |
|  | EM<br>MULTI FUNCTION METER  |
|  | RCBO  |
|  | SHUNT SURGE DIVERTER  |

|                 |            |     |               |     |       |
|-----------------|------------|-----|---------------|-----|-------|
|                 |            |     |               |     |       |
| P4              | 07.07.2023 | NM  | 100% PSP      | JJ  | HH    |
| P3              | 28.04.2023 | NM  | 80% PSP       | JJ  | HHKJE |
| P2              | 03.03.2023 | NM  | 50% PSP       | SG  | HH    |
| P1              | 03.02.2023 | MAN | DRAFT 50% PSP | SG  | HH    |
| REV             | DATE       | BY  | DESCRIPTION   | CHK | APP   |
| DRAWING STATUS: |            |     | PRELIMINARY   |     |       |



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CLIENT:



ARCHITECT:



PROJECT:

WATSON HEALTH HUB

TITLE:

ELECTRICAL SERVICES  
LEGEND OF SYMBOLS

|                         |          |          |     |           |              |
|-------------------------|----------|----------|-----|-----------|--------------|
| SCALE @ A1:             | N.T.S.   | CHECKED: | JJ  | APPROVED: | HH/KJE       |
| PROJECT NUMBER:         | PS132290 | DRAWN:   | MAN | DATE:     | JANUARY 2023 |
| DRAWING No: E001        |          |          |     |           | REV: P4      |
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