

## BMS Equipment

| #                  | Device                                     | Model             | QTY Installed |
|--------------------|--|-------------------|---------------|
| <u>Controllers</u> |  |                   |               |
| 1                  | Building controllers                       | EC-BOS 8000       | 9             |
| 2                  | Water meters controllers                   | ECLYPSE ECY S1000 | 5             |
| 3                  | IDC2 variable speed drives controller      | NAE35202-8        | 1             |
| 4                  | Air handling units controller              | ECB-650           | 34            |
| 5                  | ECB-650 extension module                   | ECX-400           | 21            |
| 6                  | ECB-650 extension module                   | ECX-420           | 3             |
| 7                  | Domestic water controller                  | Danfoss CU 323    | 2             |
| 9                  | Smoke extract fans controller              | ECB-600           | 1             |
| 10                 | PRD controller                             | PTU-308           | 17            |
| <u>Sensors</u>     |  |                   |               |
| 1                  | Temperature sensor                         | TS9101            | 22            |
| 2                  | Temperature sensor                         | TS9100            | 72            |
| 3                  | Temperature sensor                         | RS9140            | 4             |
| 4                  | Humidity sensor                            | HT9000            | 18            |
| 5                  | Temperature and humidity sensor            | HT9001            | 39            |
| 6                  | Humidity sensor                            | HT9101            | 21            |
| 7                  | Air pressure sensor                        | 694.9122          | 46            |
| 9                  | Air flow switch                            | 604.9000          | 17            |
| 10                 | Dirty filter indicator                     | 604.9100          | 5             |
| 11                 | Water flow switch                          | SK1K              | 1             |
| 12                 | Hot water flow switch                      | F61KB-11C         | 10            |
| 13                 | Spray pumps system pressure sensor         | 691.917           | 1             |
| 14                 | Liquid level control relay                 | ELECTRO LV1       | 2             |
| 15                 | Chilled water differential pressure sensor | 692.91            | 1             |
| 16                 | Chilled water temperature sensor           | TE-702-C-12-B     | 2             |
| 17                 | Chilled water temperature sensor           | TE-703-C-12-B     | 2             |
| 18                 | Temperature sensor                         | RS1100            | 6             |
| 19                 | Temperature sensor                         | RS1140            | 7             |
| 20                 | Sprinkler pressure sensor                  | 691.931           | 4             |
| 21                 | CO sensor                                  | CMD5B1            | 5             |
| 22                 | Generator 2 fuel level sensor              | 7MF1570           | 1             |
| 23                 | Temperature sensor                         | TE-205-M12        | 3             |
| 24                 | Air pressure sensor                        | DTP-R8            | 3             |
| 25                 | Water meter pulse sensor                   | ELSTER PR7 1-10   | 16            |
| 26                 | IDC2 Gym hot water sensor                  | NTC PT1000        | 1             |
| 27                 | Temperature sensor                         | TS-9101-8212      | 34            |
| 28                 | Temperature sensor                         | TS-9101-8104      | 2             |
| <u>Actuators</u>   |  |                   |               |
| 1                  | Valve Actuator                             | VA7200            | <b>24</b>     |
| 2                  | Valve Actuator                             | VA1125-GGA        | <b>36</b>     |

|                         |  |                  |           |
|-------------------------|--|------------------|-----------|
| 3                       | Damper actuator                        | BELIMO NM24A     | <b>80</b> |
| 4                       | Damper actuator                        | Honeywell N20010 | <b>1</b>  |
| 5                       | Damper actuator                        | Honeywell N10010 | <b>8</b>  |
| <u>Network adapters</u> |  |                  |           |
| 1                       | IDC1 block D & E heat pumps gateway    | MIDEA CCM08      | <b>1</b>  |
| 2                       | MITSUBISHI gateway for IDC2 heat pumps | BAC-HD150        | <b>1</b>  |
| 3                       | SIERRA MONITOR gateway for N2 VSDs     | FPC-N54          | <b>3</b>  |