

|      |          |                                     |       |       |                  |              |          |                    |
|------|----------|-------------------------------------|-------|-------|------------------|--------------|----------|--------------------|
| REV. | DATE     | DESCRIPTION                         | APPR. | SCALE | PROJECT          | TITLE        | DWG. No. | A1350-31-00-006 R6 |
|      |          |                                     |       |       |                  |              |          |                    |
| R1   | 12-11-07 | FOR CONSTRUCTION                    | PP    | 1:100 | SAR'S REVENUE PE | GROUND FLOOR |          |                    |
| R2   | 12-02-25 | THEMOSAT POSITIONS REVISED          | PP    |       |                  |              |          |                    |
| R3   | 12-11-19 | SLEEVES ADDED TO LAYOUT             | PP    |       |                  |              |          |                    |
| R4   | 14-02-14 | DV1 ADDED TO FRESH AIR INSTALLATION | PP    |       |                  |              |          |                    |
| R5   | 14-03-11 | DRAWING UPDATED                     | PP    |       |                  |              |          |                    |
| R6   | 14-05-30 | DRAWING UPDATED POST INSPECTION     | PP    |       |                  |              |          |                    |
|      |          | COPYRIGHT RESERVED                  |       |       |                  |              |          |                    |

PLANTECH ASSOCIATES  
ELECTRICAL AND MECHANICAL CONSULTING ENGINEERS  
P.O. BOX 146 PERSEUS PARK 0020 / TEL (012) 349-2253

| INDOOR UNITS                   |                        |                       |                               |                      |                         |              |  |  |  |
|--------------------------------|------------------------|-----------------------|-------------------------------|----------------------|-------------------------|--------------|--|--|--|
| No                             | TYPE                   | COOLING CAPACITY (kW) | SERVED AREA (m <sup>2</sup> ) | AIRFLOW (l/sec)      | WHD (mm)                |              |  |  |  |
| AC-G1                          | DUCTABLE UNIT AS       | 4.5                   | 24                            | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G2                          | DUCTABLE UNIT AS       | 8                     | 30                            | MDV-D8017/N1-BAS     | 23.2                    | 1140x270x710 |  |  |  |
| AC-G3                          | DUCTABLE UNIT AS       | 8                     | 30                            | MDV-D8017/N1-BAS     | 23.2                    | 1140x270x710 |  |  |  |
| AC-G4                          | DUCTABLE UNIT AS       | 4.5                   | 28                            | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G5                          | CASSETTE 4 WAY (Compo) | 18                    | 170                           | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G6                          | CASSETTE 4 WAY (Compo) | 18                    | 170                           | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G7                          | DUCTABLE UNIT AS       | 4.5                   | 20                            | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G8                          | CASSETTE 4 WAY (Compo) | 18                    | 170                           | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G9                          | DUCTABLE UNIT AS       | 4.5                   | 28                            | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G10                         | DUCTABLE UNIT AS       | 4.5                   | 24                            | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G11                         | DUCTABLE UNIT AS       | 4.5                   | 30                            | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G12                         | DUCTABLE UNIT AS       | 4.5                   | 24                            | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G13                         | DUCTABLE UNIT AS       | 4.5                   | 24                            | MDV-D4517/N1-BAS     | 7.6                     | 920x1057     |  |  |  |
| AC-G14                         | DUCTABLE UNIT AS       | 5.5                   | 55                            | MDV-D11712/N1-BAS    | 11.4                    | 140x270x710  |  |  |  |
| AC-G15                         | DUCTABLE UNIT AS       | 1.4                   | 72                            | MDV-D14017/N1-BAS    | 5.93                    | 1200x300x800 |  |  |  |
| AC-G16                         | DUCTABLE UNIT AS       | 1.4                   | 72                            | MDV-D14017/N1-BAS    | 5.93                    | 1200x300x800 |  |  |  |
| OUTDOOR UNITS                  |                        |                       |                               |                      |                         |              |  |  |  |
| No                             | TYPE                   | AMPS                  | PHASE                         | DIMENSIONS WHxD (mm) | COOLING CAPACITY INDOOR | WHD (mm)     |  |  |  |
| OU-G1                          | MDV-2522(W)/D1RN1110   | 30A                   | THREE PH                      | 765x1615x660         | 25.2                    | 7            |  |  |  |
| OU-G2                          | MDV-2522(W)/D1RN1110   | 30A                   | THREE PH                      | 765x1615x660         | 25.2                    | 7            |  |  |  |
| OU-G3                          | MDV-2522(W)/D1RN1110   | 30A                   | THREE PH                      | 765x1615x660         | 25.2                    | 7            |  |  |  |
| SERVER ROOM UNITS - MITSUBISHI |                        |                       |                               |                      |                         |              |  |  |  |
| No                             | TYPE                   | COOLING CAPACITY (kW) | SERVED AREA (m <sup>2</sup> ) | MITSUBISHI MODEL     | AIRFLOW (l/sec)         | WHD (mm)     |  |  |  |
| AC-SR1                         | DUCTED HIDEAWAY SPLIT  | 30A                   | 30A                           | 765x1615x660         | 25.2                    | 7            |  |  |  |
| AC-SR1                         | DUCTED HIDEAWAY SPLIT  | 30A                   | 30A                           | 765x1615x660         | 25.2                    | 7            |  |  |  |
| UPS ROOM UNITS - MITSUBISHI    |                        |                       |                               |                      |                         |              |  |  |  |
| No                             | TYPE                   | COOLING CAPACITY (kW) | SERVED AREA (m <sup>2</sup> ) | MITSUBISHI MODEL     | AIRFLOW (l/sec)         | WHD (mm)     |  |  |  |
| AC-UP1                         | MIDWALL SPLIT          | 30A                   | 30A                           | 765x1615x660         | 25.2                    | 7            |  |  |  |
| AC-UP2                         | MIDWALL SPLIT          | 30A                   | 30A                           | 765x1615x660         | 25.2                    | 7            |  |  |  |
| FANS                           |                        |                       |                               |                      |                         |              |  |  |  |
| No                             | TYPE                   | AIRFLOW (l/sec)       | WHD (mm)                      |                      |                         |              |  |  |  |
| F1                             | AXIAL SUPPLY FAN       | 300                   | 300                           |                      |                         |              |  |  |  |
| F2                             | AXIAL SUPPLY FAN       | 300                   | 300                           |                      |                         |              |  |  |  |
| F3                             | AXIAL SUPPLY FAN       | 300                   | 300                           |                      |                         |              |  |  |  |
| DV1                            | DISC VALVE             | AMS SIZE 16           |                               |                      |                         |              |  |  |  |

LEGEND  
D0 = Ø150 DIFFUSERS  
R1 = 1200x600 RETURN AIR GRILLE  
R2 = 600x600 RETURN AIR GRILLE  
[T] = WALL MOUNTED THERMOSTAT  
--- CONDENSATE PIPING  
--- REFRIGERANT PIPING  
DP FRESH AIR VENTILATION SYSTEM  
DRAIN POINT

