

|        |  |                                     |      |            |             |    |         |  |
|--------|--|-------------------------------------|------|------------|-------------|----|---------|--|
|        |  | PANEL DISTRIBUTION: <b>DPP-ELEV</b> |      |            |             |    |         |  |
|        |  | SERVICE: 208/120V, 3PH, 4W + GND    |      |            |             |    |         |  |
|        |  | BUS SIZE: 200A                      |      | LOAD:      |             |    | NOTES:  |  |
|        |  | MAIN DEVICE: 150A                   | CONN | 15.0       | kVA         |    |         |  |
|        |  |                                     | DEM. | 15.0       | kVA         |    |         |  |
|        |  |                                     | DEM. | 41.7       | Amps        |    |         |  |
| FEEDER |  | FEEDER                              |      | LOAD (kVA) | DEVICES (A) |    | REMARKS |  |
| No:    |  | CONTROLLED                          |      | CONN.      | DEM.        | CB |         |  |
| 1      |  | PNL "ELEV-1A"                       |      | 5.0        | 5.0         | 60 |         |  |
| 2      |  | PNL "ELEV-1B"                       |      | 5.0        | 5.0         | 60 |         |  |
| 3      |  | PNL "ELEV-1C"                       |      | 5.0        | 5.0         | 60 |         |  |

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|        |  |                                          |            |       |             |                    |         |  |
|--------|--|------------------------------------------|------------|-------|-------------|--------------------|---------|--|
|        |  | PANEL DISTRIBUTION: <b>EDRP-1 W/TVSS</b> |            |       |             |                    |         |  |
|        |  | SERVICE: 208/120V, 3PH, 4W + GND         |            |       |             |                    |         |  |
|        |  | BUS SIZE: 800A                           |            | LOAD: |             | NOTES:             |         |  |
|        |  | MAIN DEVICE: 800A                        | CONN       | 134.0 | kVA         | FUSIBLE SWITCH PNL |         |  |
|        |  |                                          | DEM.       | 134.0 | kVA         | TWO SECTION        |         |  |
|        |  |                                          | DEM.       | 372.2 | Amps        |                    |         |  |
| FEEDER |  | FEEDER                                   | LOAD (kVA) |       | DEVICES (A) |                    | REMARKS |  |
| No:    |  | CONTROLLED                               | CONN.      | DEM.  | SWITCH      | FUSE               |         |  |
| 1      |  | PANEL "ERP-1A"                           | 6.0        | 6.0   | 200         | 200                |         |  |
| 2      |  | PANEL "ERP-1B"                           | 12.0       | 12.0  | 200         | 200                |         |  |
| 3      |  | PANEL "ERP-1C"                           | 27.0       | 27.0  | 200         | 200                |         |  |
| 4      |  | PANEL "ERP-1D"                           | 12.0       | 12.0  | 200         | 200                |         |  |
| 5      |  | PANEL "ERP-2A"                           | 13.0       | 13.0  | 200         | 200                |         |  |
| 6      |  | PANEL "ERP-2B"                           | 18.0       | 18.0  | 200         | 200                |         |  |
| 7      |  | PANEL "ERP-2C"                           | 18.0       | 18.0  | 200         | 200                |         |  |
| 8      |  | PANEL "ERP-2D"                           | 8.0        | 8.0   | 100         | 100                |         |  |
| 9      |  | PANEL "ERP-3A"                           | 12.0       | 12.0  | 200         | 200                |         |  |
| 10     |  | PANEL "ERP-3B"                           | 8.0        | 8.0   | 200         | 200                |         |  |
| 11     |  | SPARE                                    |            |       | 60          |                    |         |  |

|        |  |                                   |            |             |      |                     |                 |  |
|--------|--|-----------------------------------|------------|-------------|------|---------------------|-----------------|--|
|        |  | PANEL DISTRIBUTION: <b>RDP-1A</b> |            |             |      |                     |                 |  |
|        |  | SERVICE: 208/120V, 3PH, 4W + GND  |            |             |      |                     |                 |  |
|        |  | BUS SIZE: 800A                    |            | LOAD:       |      | NOTES:              |                 |  |
|        |  | MAIN DEVICE: 800A                 | CONN       | 189.0       | kVA  | CIRCUIT BREAKER PNL | 1-PROVIDE 1 MON |  |
|        |  |                                   | DEM.       | 181.0       | kVA  |                     |                 |  |
|        |  |                                   | DEM.       | 502.8       | Amps |                     |                 |  |
|        |  | METER FOR CIRCUIT                 |            |             |      |                     |                 |  |
| FEEDER |  | FEEDER                            | LOAD (kVA) | DEVICES (A) |      | REMARKS             |                 |  |
| No:    |  | CONTROLLED                        | CONN.      | DEM.        | CB   |                     |                 |  |
| 1      |  | PANEL "RP-1A"                     | 22.0       | 22.0        | 150  |                     |                 |  |
| 2      |  | PANEL "RP-1B"                     | 26.0       | 26.0        | 150  |                     |                 |  |
| 3      |  | PANEL "RP-1C"                     | 19.0       | 19.0        | 150  |                     |                 |  |
| 4      |  | PANEL "RP-1D"                     | 36.0       | 28.0        | 150  |                     |                 |  |
| 5      |  | PANEL "RP-2A"                     | 27.0       | 27.0        | 150  |                     |                 |  |
| 6      |  | PANEL "RP-2B"                     | 26.0       | 26.0        | 150  |                     |                 |  |
| 7      |  | PANEL "LP-2B"                     |            |             | 150  | NOTE 1              |                 |  |
| 8      |  | PANEL "RP-1E"                     | 10.0       | 10.0        | 150  |                     |                 |  |
| 9      |  | PANEL "RP-2C"                     | 23.0       | 23.0        | 150  |                     |                 |  |

|        |  |                                  |            |             |         |                     |  |  |
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|        |  | PANEL DISTRIBUTION: <b>RDP-3</b> |            |             |         |                     |  |  |
|        |  | SERVICE: 208/120V, 3PH, 4W + GND |            |             |         |                     |  |  |
|        |  | BUS SIZE: 250A                   |            | LOAD:       |         | NOTES:              |  |  |
|        |  | MAIN DEVICE: 250A                | CONN       | 36.0        | kVA     | CIRCUIT BREAKER PNL |  |  |
|        |  |                                  | DEM.       | 36.0        | kVA     |                     |  |  |
|        |  |                                  | DEM.       | 100.0       | Amps    |                     |  |  |
| FEEDER |  | FEEDER                           | LOAD (kVA) | DEVICES (A) | REMARKS |                     |  |  |
| No:    |  | CONTROLLED                       | CONN.      | DEM.        | CB      |                     |  |  |
| 1      |  | PANEL "RP-3A"                    | 20.0       | 20.0        | 150     |                     |  |  |
| 2      |  | PANEL "RP-3B"                    | 16.0       | 16.0        | 150     |                     |  |  |

|        |  |                                   |            |             |      |         |  |  |
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|        |  | PANEL DISTRIBUTION: <b>LDP-1A</b> |            |             |      |         |  |  |
|        |  | SERVICE: 480/277V, 3PH, 4W + GND  |            |             |      |         |  |  |
|        |  | BUS SIZE: 400A                    | LOAD:      |             |      | NOTES   |  |  |
|        |  | MAIN DEVICE: 400A                 | CONN       | 81.0        | kVA  |         |  |  |
|        |  |                                   | DEM.       | 81.0        | kVA  |         |  |  |
|        |  |                                   | DEM.       | 97.5        | Amps |         |  |  |
| FEEDER |  | FEEDER                            | LOAD (kVA) | DEVICES (A) |      | REMARKS |  |  |
| No.    |  | CONTROLLED                        | CONN.      | DEM.        | CB   |         |  |  |
| 1      |  | XMFR "T-1A"                       | 7.0        | 7.0         | 50   |         |  |  |
| 2      |  | PNL "LP-1A"                       | 34.0       | 34.0        | 100  |         |  |  |
| 3      |  | PNL "LP-2A"                       | 40.0       | 40.0        | 100  |         |  |  |
| 4      |  | SPARE                             |            |             | 200  |         |  |  |

|                        |           |       |                                  |      |           |         |         |                                                                                                  |       |       |           |       |
|------------------------|-----------|-------|----------------------------------|------|-----------|---------|---------|--------------------------------------------------------------------------------------------------|-------|-------|-----------|-------|
|                        |           |       | PANELBOARD: <b>LP-APRON</b>      |      |           |         |         |                                                                                                  |       |       |           |       |
|                        |           |       | SERVICE: 480/277V, 3PH, 4W + GND |      |           |         |         |                                                                                                  |       |       |           |       |
|                        |           |       | BUS SIZE: 60A                    |      | LOAD:     |         |         | NOTES:                                                                                           |       |       |           |       |
|                        |           |       | MAIN DEVICE: 60A                 | CONN | 26.4 kVA  |         |         | SQUARED POWERLINK PNL<br>1 - PROVIDE CONTROLLABLE CIRCUIT BREAKER<br>2 - CONTROLLED BY PHOTOCELL |       |       |           |       |
|                        |           |       |                                  | DEM. | 26.4 kVA  |         |         |                                                                                                  |       |       |           |       |
|                        |           |       |                                  | DEM. | 31.8 Amps |         |         |                                                                                                  |       |       |           |       |
|                        |           |       | CONNECTED LOAD (VA)              |      |           |         |         |                                                                                                  |       |       |           |       |
| CKT #                  | TRIP/POLE | NOTES | CIRCUIT DESCRIPTION              |      | PHASE A   | PHASE B | PHASE C | CIRCUIT DESCRIPTION                                                                              |       | NOTES | TRIP/POLE | CKT # |
| 1                      | 20V1      | 1,2   | LTG-APRON                        |      | 2,200     | 2,200   |         | LTG-APRON                                                                                        |       | 1,2   | 20V1      | 2     |
| 3                      | 20V1      | 1,2   | LTG-APRON                        |      |           | 2,200   | 2,200   | LTG-APRON                                                                                        |       | 1,2   | 20V1      | 4     |
| 5                      | 20V1      | 1,2   | LTG-APRON                        |      |           |         | 2,200   | LTG-APRON                                                                                        |       | 1,2   | 20V1      | 6     |
| 7                      | 20V1      | 1,2   | LTG-APRON                        |      | 2,200     | 2,200   |         | LTG-APRON                                                                                        |       | 1,2   | 20V1      | 8     |
| 9                      | 20V1      | 1,2   | LTG-APRON                        |      |           | 2,200   | 2,200   | LTG-APRON                                                                                        |       | 1,2   | 20V1      | 10    |
| 11                     | 20V1      |       | SPARE                            |      |           |         | 2,200   | LTG-APRON                                                                                        |       | 1,2   | 20V1      | 12    |
| 13                     | 20V1      |       | SPARE                            |      | 2,200     |         |         | LTG-APRON                                                                                        |       | 1,2   | 20V1      | 14    |
| 15                     | 20V1      |       | SPARE                            |      |           |         |         | SPARE                                                                                            |       |       | 20V1      | 16    |
| 17                     | 20V1      |       | SPARE                            |      |           |         |         | SPARE                                                                                            |       |       | 20V1      | 18    |
| 19                     | 20V1      |       | SPARE                            |      |           |         |         | SPARE                                                                                            |       |       | 20V1      | 20    |
| 21                     | 20V1      |       | SPARE                            |      |           |         |         | SPARE                                                                                            |       |       | 20V1      | 22    |
| 23                     | 20V1      |       | SPARE                            |      |           |         |         | SPARE                                                                                            |       |       | 20V1      | 24    |
| 25                     | 20V1      |       | SPARE                            |      |           |         |         | SPARE                                                                                            |       |       | 20V1      | 26    |
| 27                     | 20V1      |       | SPARE                            |      |           |         |         | SPARE                                                                                            |       |       | 20V1      | 28    |
| 29                     | 20V1      |       | SPARE                            |      |           |         |         | SPARE                                                                                            |       |       | 20V1      | 30    |
| TOTAL CONNECTED LOADS: |           |       |                                  |      | 4,400     | 6,600   | 4,400   | 4,400                                                                                            | 2,200 | 4,400 |           |       |

|                        |       |       |                                  |         |       |         |         |                                          |                                   |
|------------------------|-------|-------|----------------------------------|---------|-------|---------|---------|------------------------------------------|-----------------------------------|
|                        |       |       | PANELBOARD: <b>LP-1A</b>         |         |       |         |         |                                          |                                   |
|                        |       |       | SERVICE: 480/277V, 3PH, 4W + GND |         |       |         |         |                                          |                                   |
|                        |       |       | BUS SIZE: 100A                   |         | LOAD: |         |         | NOTES:                                   | SQUARED POWERLINK PNL             |
|                        |       |       | MAIN DEVICE: 100A                | CONN    | 42.7  | kVA     |         | 1 - PROVIDE CONTROLLABLE CIRCUIT BREAKER | 2 - CONTROLLED BY DAYLIGHT SENSOR |
|                        |       |       |                                  | DEM.    | 42.7  | kVA     |         |                                          |                                   |
|                        |       |       |                                  | DEM.    | 51.4  | Amps    |         |                                          |                                   |
|                        |       |       | CONNECTED LOAD (VA)              |         |       |         |         |                                          |                                   |
| CKT                    | TRIP/ |       | CIRCUIT DESCRIPTION              | PHASE A |       | PHASE B | PHASE C | CIRCUIT DESCRIPTION                      | NOTES                             |
| #                      | POLE  | NOTES |                                  |         |       |         |         |                                          |                                   |
| 1                      | 20V1  | 1,3   | LTG-CANOPY                       | 3,800   | 180   |         |         | LTG-EAST STAIR                           | 1                                 |
| 3                      | 20V1  | 1,3   | LTG-CANOPY                       |         |       | 3,800   | 180     | LTG-CENTER STAIR                         | 1                                 |
| 5                      | 20V1  | 1,3   | LTG-CANOPY                       |         |       |         | 3,800   | 1,710                                    | 1                                 |
| 7                      | 20V1  | 1,3   | LTG-CANOPY                       | 3,800   | 490   |         |         | LTG-FLR 1 LOBBY                          | 1,2                               |
| 9                      | 20V1  | 1,3   | LTG-CANOPY                       |         |       | 3,800   | 350     | LTG-FLR 1 LOBBY                          | 1,2                               |
| 11                     | 20V1  | 1     | LTG-FLR 1 VESTIBULES             |         |       |         | 700     | 350                                      | 1,2                               |
| 13                     | 20V1  | 1     | LTG-RAMPS/TUNNEL                 | 2,760   |       |         |         | SPARE                                    | 20V1                              |
| 15                     | 20V1  |       | LTG-FLR 1 NW                     |         |       | 2,573   |         | SPARE                                    | 20V1                              |
| 17                     | 20V1  |       | LTG-FLR 1 CBP AREA               |         |       |         | 1,216   | SPARE                                    | 20V1                              |
| 19                     | 20V1  | 1     | LTG-FLR 1 CBP AREA               | 1,660   |       |         |         | SPARE                                    | 20V1                              |
| 21                     | 20V1  | 1     | LTG-FLR 1 CBIS RM                |         |       | 3,420   |         | SPARE                                    | 20V1                              |
| 23                     | 20V1  |       | LTG-FLR 1 NE                     |         |       |         | 1,952   | SPARE                                    | 20V1                              |
| 25                     | 20V1  |       | LTG-FLR 1 RAC                    | 700     |       |         |         | SPARE                                    | 20V1                              |
| 27                     | 20V1  | 1     | LTG-FLR 1 ROVER                  |         |       | 400     |         | SPARE                                    | 20V1                              |
| 29                     | 20V1  | 1     | LTG-FLR 1 CORR.                  |         |       |         | 739     | SPARE                                    | 20V1                              |
| 31                     | 20V1  | 1,3   | LTG-CANOPY                       | 3,800   |       |         |         | SPARE                                    | 20V1                              |
| 33                     | 20V1  |       | SPARE                            |         |       |         |         | SPARE                                    | 20V1                              |
| 35                     | 20V1  |       | SPARE                            |         |       |         |         | SPARE                                    | 20V1                              |
| 37                     | 20V1  |       | SPARE                            |         |       |         |         | SPARE                                    | 20V1                              |
| 39                     | 20V1  |       | SPARE                            |         |       |         |         | SPARE                                    | 20V1                              |
| 41                     | 20V1  |       | SPARE                            |         |       |         | 500     | DEVICE ROUTER                            | 20V1                              |
| TOTAL CONNECTED LOADS: |       |       |                                  | 16,520  | 670   | 13,993  | 530     | 8,407                                    | 2,560                             |

|       |           |       |                                  |      |         |      |         |                                          |                     |  |  |
|-------|-----------|-------|----------------------------------|------|---------|------|---------|------------------------------------------|---------------------|--|--|
|       |           |       | PANELBOARD: <b>LP-2A</b>         |      |         |      |         |                                          |                     |  |  |
|       |           |       | SERVICE: 480/277V, 3PH, 4W + GND |      |         |      |         |                                          |                     |  |  |
|       |           |       | BUS SIZE: 100A                   |      | LOAD:   |      |         | NOTES: SQUARED POWERLINK PNL             |                     |  |  |
|       |           |       | MAIN DEVICE: 100A                | CONN | 40.0    | kVA  |         | 1 - PROVIDE CONTROLLABLE CIRCUIT BREAKER |                     |  |  |
|       |           |       |                                  | DEM. | 40.0    | kVA  |         | 2 - CONTROLLED BY DAYLIGHT SENSOR        |                     |  |  |
|       |           |       |                                  | DEM. | 48.1    | Amps |         |                                          |                     |  |  |
| CKT # | TRIP/POLE | NOTES | CONNECTED LOAD (VA)              |      |         |      |         |                                          |                     |  |  |
|       |           |       | CIRCUIT DESCRIPTION              |      | PHASE A |      | PHASE B |                                          | PHASE C             |  |  |
|       |           |       |                                  |      |         |      |         |                                          | CIRCUIT DESCRIPTION |  |  |
|       |           |       |                                  |      |         |      |         |                                          | NOTES               |  |  |
|       |           |       |                                  |      | PHASE A |      | PHASE B |                                          | PHASE C             |  |  |
|       |           |       |                                  |      |         |      |         |                                          |                     |  |  |
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