

| PANEL: PANEL B1     |      |         |      |              |         |             |      |             |      |                     |          |
|---------------------|------|---------|------|--------------|---------|-------------|------|-------------|------|---------------------|----------|
| CONN. LOAD:         |      | 0.0 kVA |      | DEMAND LOAD: |         | 0.00 kVA    |      | 120/208 Wye |      | 3 PH 4 W 0.0 A      |          |
| MAINS:              |      |         |      | VOLTAGE:     |         | 120/208 Wye |      | 3 PH        |      | 4 W                 |          |
| LOCATION:           |      |         |      | MOUNTING:    |         | Surface     |      |             |      |                     |          |
| Circuit Description | Trip | Poles   | CKT. | A (KVA)      | B (KVA) | C (KVA)     | CKT. | Poles       | Trip | Circuit Description |          |
| Spare               | 15 A | 3       | 1    | 0.00         | 0.00    |             |      | 2           | 3    | 30 A                | EXISTING |
| --                  | --   | --      | 3    |              | 0.00    | 0.00        |      | 4           | --   | --                  | --       |
| --                  | --   | --      | 5    |              |         | 0.00        | 0.00 | 6           | --   | --                  | --       |
| Spare               | 30 A | 3       | 7    | 0.00         | 0.00    |             |      | 8           | 3    | 30 A                | EXISTING |
| --                  | --   | --      | 9    |              |         | 0.00        | 0.00 | 10          | --   | --                  | --       |
| --                  | --   | --      | 11   |              |         |             | 0.00 | 0.00        | 12   | --                  | --       |
| EXISTING            | 30 A | 3       | 13   | 0.00         | 0.00    |             |      | 14          | 3    | 30 A                | EXISTING |
| --                  | --   | --      | 15   |              |         | 0.00        | 0.00 | 16          | --   | --                  | --       |
| --                  | --   | --      | 17   |              |         |             |      | 18          | --   | --                  | --       |
| EXISTING            | 30 A | 2       | 19   | 0.00         | 0.00    |             |      | 20          | 2    | 30 A                | EXISTING |
| --                  | --   | --      | 21   |              |         | 0.00        | 0.00 | 22          | --   | --                  | --       |
| EXISTING            | 30 A | 2       | 23   |              |         | 0.00        | 0.00 | 24          | 2    | 30 A                | EXISTING |
| --                  | --   | --      | 25   | 0.00         | 0.00    |             |      | 26          | --   | --                  | --       |
| BCU-1               | 30 A | 2       | 27   |              |         | 0.00        | 0.00 | 28          | --   | --                  | Space    |
| --                  | --   | --      | 29   |              |         |             | 0.00 | 0.00        | 30   | --                  | Space    |
| Notes:              |      |         |      |              |         |             |      |             |      |                     |          |

| Branch Panel: PANEL 1CCU   |                     |    |      |   |          |               |          |   |          |                             |    |                     |     |
|--|---------------------|----|------|---|----------|---------------|----------|---|----------|-----------------------------|----|---------------------|-----|
| Location:<br>Supply From: TR-E1X<br>Mounting: Surface<br>Enclosure: Type 1 |                     |    |      | Volts: 120/208 Wye<br>Phases: 3<br>Wires: 4 |          |               |          | A.I.C. Rating: 11282<br>Mains Type:<br>Mains Rating: 100 A<br>MCB Rating: 100 A |          |                             |    |                     |     |
| Notes:   |                     |    |      |   |          |               |          |   |          |                             |    |                     |     |
| CKT  | Circuit Description | #  | BRK. | A   | B        | C             | A        | B   | C        | BRK.                        | #  | Circuit Description | CKT |
| 1  | ACU-124             | 2  | 15 A | 0.042...                                    |          |               | 0.116... |   |          | 15 A                        | 2  | ACU-127             | 2   |
| 3  | --                  | -- | --   |   | 0.042... |               |          | 0.116...  |          |                             | -- | --                  | 4   |
| 5  | Space               | -- | --   |   |          | 0.000...      |          |   | 0.116... | 15 A                        | 2  | ACU-190             | 6   |
| 7  | ACU-147             | 2  | 15 A | 0.116...                                    |          |               | 0.116... |   |          | --                          | -- | --                  | 8   |
| 9  | --                  | -- | --   |   | 0.116... |               |          | 4.580...  |          | 35 A                        | 2  | COND-4              | 10  |
| 11   | ACU-2005            | 2  | 20 A |   | 0.042... |               |          | 4.580...  |          | --                          | -- | --                  | 12  |
| 13   | --                  | -- | --   | 0.042...                                    |          |               | 0.116... |   |          | 15 A                        | 2  | ACU-141             | 14  |
| 15   | Space               | -- | --   |   | 0.000... |               |          | 0.116...  |          | --                          | -- | --                  | 16  |
| 17   | Space               | -- | --   |   |          | 0.000...      |          |   | 0.000... | --                          | -- | Space               | 18  |
| 19   | Space               | -- | --   | 0.000...                                    |          |               | 0.000... |   |          | --                          | -- | Space               | 20  |
| 21   | Space               | -- | --   |   | 0.000... |               |          | 0.000...  |          | --                          | -- | Space               | 22  |
| 23   | Space               | -- | --   |   |          | 0.000...      |          |   | 0.000... | --                          | -- | Space               | 24  |
| 25   | Space               | -- | --   | 0.000...                                    |          |               | 0.000... |   |          | --                          | -- | Space               | 26  |
| 27   | Space               | -- | --   |   | 0.000... |               |          | 0.000...  |          | --                          | -- | Space               | 28  |
| 29   | Space               | -- | --   |   |          | 0.000...      |          |   | 0.000... | --                          | -- | Space               | 30  |
| 31   | Space               | -- | --   | 0.000...                                    |          |               | 0.000... |   |          | --                          | -- | Space               | 32  |
| 33   | Space               | -- | --   |   | 0.000... |               |          | 0.000...  |          | --                          | -- | Space               | 34  |
| 35   | Space               | -- | --   |   |          | 0.000...      |          |   | 0.000... | --                          | -- | Space               | 36  |
| 37   | Space               | -- | --   | 0.000...                                    |          |               | 0.000... |   |          | --                          | -- | Space               | 38  |
| 39   | Space               | -- | --   |   | 0.000... |               |          | 0.000...  |          | --                          | -- | Space               | 40  |
| 41   | Space               | -- | --   |   |          | 0.000...      |          |   | 0.000... | --                          | -- | Space               | 42  |
| 43   | Space               | -- | --   | 0.000...                                    |          |               | 0.000... |   |          | --                          | -- | Space               | 44  |
| 45   | Space               | -- | --   |   | 0.000... |               |          | 0.000...  |          | --                          | -- | Space               | 46  |
| 47   | Space               | -- | --   |   |          | 0.000...      |          |   | 0.000... | --                          | -- | Space               | 48  |
| 49   | Space               | -- | --   | 0.000...                                    |          |               | 0.000... |   |          | --                          | -- | Space               | 50  |
| 51   | Space               | -- | --   |   | 0.000... |               |          | 0.000...  |          | --                          | -- | Space               | 52  |
| 53   | Space               | -- | --   |   |          | 0.000...      |          |   | 0.000... | --                          | -- | Space               | 54  |
| 55   | Space               | -- | --   | 0.000...                                    |          |               | 0.000... |   |          | --                          | -- | Space               | 56  |
| 57   | Space               | -- | --   |   | 0.000... |               |          | 0.000...  |          | --                          | -- | Space               | 58  |
| 59   | Space               | -- | --   |   |          | 0.000...      |          |   | 0.000... | --                          | -- | Space               | 60  |
| 61   | Space               | -- | --   | 0.000...                                    |          |               | 0.000... |   |          | --                          | -- | Space               | 62  |
| 63   | Space               | -- | --   |   | 0.000... |               |          | 0.000...  |          | --                          | -- | Space               | 64  |
| Total Load:  |                     |    |      | 548 VA                                      |          | 4970 VA       |          | 4738 VA   |          |                             |    |                     |     |
| Total Amps:  |                     |    |      | 5 A   |          | 47 A          |          | 45 A  |          |                             |    |                     |     |
| Legend:  |                     |    |      |   |          |               |          |   |          |                             |    |                     |     |
| Load Classification  |                     |    |      | Connected Load                              |          | Demand Factor |          | Estimated...  |          | Panel Totals                |    |                     |     |
| Largest Motor  |                     |    |      | 9244 VA                                     |          | 125.00%       |          | 11555 VA  |          | Total Conn. Load: 10256 VA  |    |                     |     |
| Remaining Motors   |                     |    |      | 1012 VA                                     |          | 100.00%       |          | 1012 VA   |          | Total Est. Demand: 12567 VA |    |                     |     |
|  |                     |    |      |   |          |               |          |   |          | Total Conn.: 28 A           |    |                     |     |
|  |                     |    |      |   |          |               |          |   |          | Total Est. Demand: 35 A     |    |                     |     |
| Notes:   |                     |    |      |   |          |               |          |   |          |                             |    |                     |     |

| Branch Panel: PANEL 4CCU   |                     |                |       |   |          |              |          |   |          |       |    |                     |     |
|--|---------------------|----------------|-------|---|----------|--------------|----------|---|----------|-------|----|---------------------|-----|
| Location:<br>Supply From: TR-E1X<br>Mounting: Surface<br>Enclosure: Type 1 |                     |                |       | Volts: 120/208 Wye<br>Phases: 3<br>Wires: 4 |          |              |          | A.I.C. Rating: 10693<br>Mains Type:<br>Mains Rating: 600 A<br>MCB Rating: 100 A |          |       |    |                     |     |
| Notes:   |                     |                |       |   |          |              |          |   |          |       |    |                     |     |
| CKT  | Circuit Description | #              | BRK.  | A   | B        | C            | A        | B   | C        | BRK.  | #  | Circuit Description | CKT |
| 1  | ACU-416             | 2              | 15 A  | 0.580...                                    |          |              | 0.000... |   |          | --    | -- | Space               | 2   |
| 3  | --                  | --             | --    |   | 0.580... |              |          | 1.355...  |          | 15 A  | 2  | UC-415B             | 4   |
| 5  | ACCU-09             | 2              | 35 A  |   |          | 2.800...     |          |   | 1.355... | --    | -- | --                  | 6   |
| 7  | --                  | --             | --    | 2.800...                                    |          |              | 2.340... |   |          | 30 A  | 2  | ACCU-08             | 8   |
| 9  | UC-415A-1           | 2              | 15 A  |   | 1.375... |              |          | 2.340...  |          | --    | -- | --                  | 10  |
| 11   | --                  | --             | --    |   |          | 1.375...     |          |   | 0.793... | 15 A  | 3  | COND                | 12  |
| 13   | COND-1              | 3              | 15 A  | 0.793...                                    |          |              | 0.793... |   |          | --    | -- | --                  | 14  |
| 15   | --                  | --             | --    |   | 0.793... |              |          | 0.793...  |          | --    | -- | --                  | 16  |
| 17   | --                  | --             | --    |   |          | 0.793...     |          |   | 0.793... | 15 A  | 3  | COND-3              | 18  |
| 19   | ACCU-04b            | 3              | 30 A  | 2.523...                                    |          |              | 0.793... |   |          | --    | -- | --                  | 20  |
| 21   | --                  | --             | --    |   | 2.523... |              |          | 0.793...  |          | --    | -- | --                  | 22  |
| 23   | --                  | --             | --    |   |          | 2.523...     |          |   | 4.000... | 45 A  | 3  | ACCU-05             | 24  |
| 25   | ACCU-04a            | 3              | 45 A  | 4.010...                                    |          |              | 4.000... |   |          | --    | -- | --                  | 26  |
| 27   | --                  | --             | --    |   | 4.010... |              |          | 4.000...  |          | --    | -- | --                  | 28  |
| 29   | --                  | --             | --    |   |          | 4.010...     |          |   | 4.010... | 45 A  | 3  | ACCU-06             | 30  |
| 31   | ACCU-03             | 3              | 55 A  | 5.283...                                    |          |              | 4.010... |   |          | --    | -- | --                  | 32  |
| 33   | --                  | --             | --    |   | 5.283... |              |          | 4.010...  |          | --    | -- | --                  | 34  |
| 35   | --                  | --             | --    |   |          | 5.283...     |          |   | 0.000... | --    | -- | Space               | 36  |
| 37   | ACCU-07             | 3              | 55 A  | 5.283...                                    |          |              | 0.000... |   |          | --    | -- | Space               | 38  |
| 39   | --                  | --             | --    |   | 5.283... |              |          | 0.000...  |          | --    | -- | Space               | 40  |
| 41   | --                  | --             | --    |   |          | 5.283...     |          |   | 0.000... | --    | -- | Space               | 42  |
| 43   | Space               | --             | --    | 0.000...                                    |          |              | 9.667... |   |          | 100 A | 3  | CRAC-1              | 44  |
| 45   | CRAC-2              | 3              | 100 A |   | 9.667... |              |          | 9.667...  |          | --    | -- | --                  | 46  |
| 47   | --                  | --             | --    |   |          | 9.667...     |          |   | 9.667... | --    | -- | --                  | 48  |
| 49   | --                  | --             | --    | 9.667...                                    |          |              | 9.667... |   |          | 100 A | 3  | CRAC-3              | 50  |
| 51   | Space               | --             | --    |   | 0.000... |              |          | 9.667...  |          | --    | -- | --                  | 52  |
| 53   | Space               | --             | --    |   |          | 0.000...     |          |   | 9.667... | --    | -- | --                  | 54  |
| 55   | Space               | --             | --    | 0.000...                                    |          |              | 0.000... |   |          | --    | -- | Space               | 56  |
| 57   | Space               | --             | --    |   | 0.000... |              |          | 0.000...  |          | --    | -- | Space               | 58  |
| 59   | Space               | --             | --    |   |          | 0.000...     |          |   | 0.000... | --    | -- | Space               | 60  |
| 61   | Space               | --             | --    | 0.000...                                    |          |              | 0.000... |   |          | --    | -- | Space               | 62  |
| 63   | Space               | --             | --    |   | 0.000... |              |          | 0.000...  |          | --    | -- | Space               | 64  |
| Total Load:  |                     |                |       | 62210 VA                                    |          | 62140 VA     |          | 62020 VA  |          |       |    |                     |     |
| Total Amps:  |                     |                |       | 519 A                                       |          | 518 A        |          | 517 A   |          |       |    |                     |     |
| Legend:  |                     |                |       |   |          |              |          |   |          |       |    |                     |     |
| Load Classification  |                     | Connected Load |       | Demand Factor                               |          | Estimated... |          | Panel Totals  |          |       |    |                     |     |
| Largest Motor  |                     | 29000 VA       |       | 125.00%                                     |          | 36250 VA     |          | Total Conn. Load: 186370 VA   |          |       |    |                     |     |
| Remaining Motors   |                     | 157370 VA      |       | 100.00%                                     |          | 157370 VA    |          | Total Est. Demand: 193620 VA  |          |       |    |                     |     |
|  |                     |                |       |   |          |              |          | Total Conn.: 517 A  |          |       |    |                     |     |
|  |                     |                |       |   |          |              |          | Total Est. Demand: 537 A  |          |       |    |                     |     |
| Notes:   |                     |                |       |   |          |              |          |   |          |       |    |                     |     |

