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5/30/2025 2:20 PM

ORIGINAL SHEET - ARCH C

| <b>Stantec</b><br>Name: PANEL CCC<br>Location: SAFETY OFFICERS 114<br>Supply Frc PANEL CC<br>Serves:<br>Notes: |                              |      |       |    |             |      |             |      |             |      |    |       | Volts: 208/120<br>Phases: 3<br>Wires: 4 | Mains Type: MLO<br>Mains Rating: 225 A<br>Lugs: CU | Type: PANELBOARD<br>A.I.C. Rating: 10 kA<br>Mounting: SURFACE<br>Enclosure: Type 3R |
|----------------------------------------------------------------------------------------------------------------|------------------------------|------|-------|----|-------------|------|-------------|------|-------------|------|----|-------|-----------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| CKT                                                                                                            | Circuit Description          | Trip | Poles | CB | A           |      | B           |      | C           |      | CB | Poles | Trip                                    | Circuit Description                                | CKT                                                                                 |
| 1                                                                                                              | CLASSROOM LIGHTS             | 15A  | 1     | -- | 864         | 1160 |             |      |             |      | -- | 1     | 15A                                     | EAST LIGHTS                                        | 2                                                                                   |
| 3                                                                                                              | CORRIDOR LIGHTS              | 15A  | 1     | -- |             |      | 360         | 280  |             |      | -- | 1     | 15A                                     | NIGHT LIGHTS, BATTERY BANK                         | 4                                                                                   |
| 5                                                                                                              | EXIT SIGNS                   | 15A  | 1     | -- |             |      |             |      | 425         | 1000 | -- | 1     | 20A                                     | DATA RACK RECEPTACLE                               | 6                                                                                   |
| 7                                                                                                              | LUNCHROOM LIGHTS             | 15A  | 1     | -- | 811         | 1100 |             |      |             |      | -- | 1     | 20A                                     | MICROWAVE                                          | 8                                                                                   |
| 9                                                                                                              | OFFICE RECEPT. 118, 119      | 15A  | 1     | -- |             |      | 760         | 1100 |             |      | -- | 1     | 20A                                     | MICROWAVE                                          | 10                                                                                  |
| 11                                                                                                             | OFFICE RECEPT. 116, 117      | 15A  | 1     | -- |             |      |             |      | 760         | 800  | -- | 1     | 15A                                     | COOLER                                             | 12                                                                                  |
| 13                                                                                                             | OFFICE RECEPT. 114           | 15A  | 1     | -- | 580         | 1100 |             |      |             |      | -- | 1     | 20A                                     | MICROWAVE                                          | 14                                                                                  |
| 15                                                                                                             | BOARDROOM RECEPT. 111        | 15A  | 1     | -- |             |      | 1100        | 180  |             |      | -- | 1     | 15A                                     | COUNTERTOP RECEPTACLE                              | 16                                                                                  |
| 17                                                                                                             | RECEPTION RECEPTACLES 112    | 15A  | 1     | -- |             |      |             |      | 760         | 180  | -- | 1     | 15A                                     | COUNTERTOP RECEPTACLE                              | 18                                                                                  |
| 19                                                                                                             | CORRIDOR RECEPTACLES 110     | 15A  | 1     | -- | 500         | 180  |             |      |             |      | -- | 1     | 15A                                     | COUNTERTOP RECEPTACLE                              | 20                                                                                  |
| 21                                                                                                             | HOUSEKEEPING RECEPTACLES     | 15A  | 1     | -- |             |      | 480         | 180  |             |      | -- | 1     | 15A                                     | COUNTERTOP RECEPTACLE                              | 22                                                                                  |
| 23                                                                                                             | OFFICE RECEPTACLES 109       | 15A  | 1     | -- |             |      |             |      | 800         | 180  | -- | 1     | 15A                                     | COUNTERTOP RECEPTACLE                              | 24                                                                                  |
| 25                                                                                                             | OFFICE RECEPTACLES 108, 106  | 15A  | 1     | -- | 940         | 180  |             |      |             |      | -- | 1     | 15A                                     | COUNTERTOP RECEPTACLE                              | 26                                                                                  |
| 27                                                                                                             | OFFICE RECEPTACLES 105       | 15A  | 1     | -- |             |      | 560         | 540  |             |      | -- | 1     | 15A                                     | RECEPTACLES 103, 104                               | 28                                                                                  |
| 29                                                                                                             | CLASSROOM RECEPTACLES 102    | 15A  | 1     | -- |             |      |             |      | 700         | 720  | -- | 1     | 15A                                     | RECEPTACLES 103, 115                               | 30                                                                                  |
| 31                                                                                                             | CLASSROOM RECEPTACLES 102    | 15A  | 1     | -- | 900         | 800  |             |      |             |      | -- | 1     | 20A                                     | PRINTER/COPIER                                     | 32                                                                                  |
| 33                                                                                                             | CLASSROOM RECEPTACLES 102    | 15A  | 1     | -- |             |      | 720         | 720  |             |      | -- | 1     | 15A                                     | RECEPTACLES 111                                    | 34                                                                                  |
| 35                                                                                                             | CLASSROOM RECEPTACLES 101    | 15A  | 1     | -- |             |      |             |      | 720         | 100  | -- | 1     | 15A                                     | CARD ACCESS PANEL                                  | 36                                                                                  |
| 37                                                                                                             | CLASSROOM RECEPTACLES 101    | 15A  | 1     | -- | 900         | 702  |             |      |             |      | -- | 2     |                                         |                                                    | 38                                                                                  |
| 39                                                                                                             | CLASSROOM RECEPTACLES 101    | 15A  | 1     | -- |             |      | 720         | 702  |             |      | -- |       | 15A                                     | ERV-1                                              | 40                                                                                  |
| 41                                                                                                             | TV RECEPTACLES LUNCHROOM 104 | 15A  | 1     | -- |             |      |             |      | 600         | 1100 | -- | 1     | 15A                                     | FUTURE MICROWAVE                                   | 42                                                                                  |
| 43                                                                                                             | LUNCHROOM RECEPTACLES 104    | 15A  | 1     | -- | 900         | 1100 |             |      |             |      | -- | 1     | 15A                                     | FUTURE MICROWAVE                                   | 44                                                                                  |
| 45                                                                                                             | MICROWAVE                    | 20A  | 1     | -- |             |      | 1100        | 200  |             |      | -- | 1     | 15A                                     | BOTTLE FILLER                                      | 46                                                                                  |
| 47                                                                                                             | MICROWAVE                    | 20A  | 1     | -- |             |      |             |      | 1100        | 200  | -- | 1     | 20A                                     | ROOF TOP RECEPTACLE                                | 48                                                                                  |
| 49                                                                                                             | MICROWAVE                    | 20A  | 1     | -- | 1100        | 2500 |             |      |             |      | -- | 1     | 30A                                     | VAV-6                                              | 50                                                                                  |
| 51                                                                                                             | MICROWAVE                    | 20A  | 1     | -- |             |      | 1100        | 1800 |             |      | -- | 1     | 20A                                     | VAV-1                                              | 52                                                                                  |
| 53                                                                                                             | COUNTERTOP RECEPTACLE        | 15A  | 1     | -- |             |      |             |      | 180         | 2600 | -- | 1     | 30A                                     | VAV-3, VAV-5, VAV-7                                | 54                                                                                  |
| 55                                                                                                             | COOLER                       | 15A  | 1     | -- | 800         | 1800 |             |      |             |      | -- | 1     | 20A                                     | VAV-2                                              | 56                                                                                  |
| 57                                                                                                             | MICROWAVE                    | 20A  | 1     | -- |             |      | 1100        | 1500 |             |      | -- | 2     |                                         |                                                    | 58                                                                                  |
| 59                                                                                                             | MICROWAVE                    | 20A  | 1     | -- |             |      |             |      | 1100        | 1500 | -- |       | 20A                                     | HOT WATER TANK DWH-1                               | 60                                                                                  |
| 61                                                                                                             | HOUSEKEEPING RECEPTACLES     | 15A  | 1     | -- | 500         | 0    |             |      |             |      | -- | 1     | 15A                                     | SPARE                                              | 62                                                                                  |
| 63                                                                                                             | HOUSEKEEPING RECEPTACLES     | 15A  | 1     | -- |             |      | 400         | 2000 |             |      | -- | 1     | 25A                                     | VAV-15                                             | 64                                                                                  |
| 65                                                                                                             | VAV-4                        | 25A  | 1     | -- |             |      |             |      | 1900        | 1600 | -- | 1     | 20A                                     | VAV-13, VAV-14                                     | 66                                                                                  |
| 67                                                                                                             |                              |      | 1     | -- | 1900        | 0    |             |      |             |      | -- | 1     | 15A                                     | SPARE                                              | 68                                                                                  |
| 69                                                                                                             | VAV-12                       | 20A  | 1     | -- |             |      | 1500        | 0    |             |      | -- | 1     | 15A                                     | SPARE                                              | 70                                                                                  |
| 71                                                                                                             |                              |      | 1     | -- |             |      |             |      | 1500        | 0    | -- | 1     | 15A                                     | SPARE                                              | 72                                                                                  |
| 73                                                                                                             | SPARE                        | 15A  | 1     | -- | 0           | 0    |             |      |             |      | -- | 1     | 15A                                     | SPARE                                              | 74                                                                                  |
| 75                                                                                                             | SPARE                        | 15A  | 1     | -- |             |      | 0           | 0    |             |      | -- | 1     | 15A                                     | SPARE                                              | 76                                                                                  |
| 77                                                                                                             | SPARE                        | 15A  | 1     | -- |             |      |             |      | 0           | 0    | -- | 1     | 15A                                     | SPARE                                              | 78                                                                                  |
| 79                                                                                                             | SPARE                        | 15A  | 1     | -- | 0           | 0    |             |      |             |      | -- | 1     | 15A                                     | SPARE                                              | 80                                                                                  |
| 81                                                                                                             | SPARE                        | 15A  | 1     | -- |             |      | 0           | 0    |             |      | -- | 1     | 20A                                     | SPARE                                              | 82                                                                                  |
| 83                                                                                                             | SPARE                        | 15A  | 1     | -- |             |      |             |      | 0           | 0    | -- | 1     | 20A                                     | SPARE                                              | 84                                                                                  |
| Total Load:                                                                                                    |                              |      |       |    | 21.32 kVA   |      | 19.10 kVA   |      | 20.53 kVA   |      |    |       |                                         |                                                    |                                                                                     |
| Total Amps:                                                                                                    |                              |      |       |    | 177.64 Amps |      | 159.18 Amps |      | 171.04 Amps |      |    |       |                                         |                                                    |                                                                                     |

| Stantec                |                              |                |       |    |            |                     |            |                      |            |       |     |       |      |                            |     |
|------------------------|------------------------------|----------------|-------|----|------------|---------------------|------------|----------------------|------------|-------|-----|-------|------|----------------------------|-----|
| Name: PANEL CCB        |                              | Volts: 208/120 |       |    |            | Mains Type: MLO     |            | Type: PANELBOARD     |            |       |     |       |      |                            |     |
| Location: CORRIDOR 135 |                              | Phases: 3      |       |    |            | Mains Rating: 225 A |            | A.I.C. Rating: 10 kA |            |       |     |       |      |                            |     |
| Supply From: PANEL CC  |                              | Wires: 4       |       |    |            |                     |            | Mounting: SURFACE    |            |       |     |       |      |                            |     |
| Serves:                |                              |                |       |    |            | Lugs: CU            |            | Enclosure: Type 3R   |            |       |     |       |      |                            |     |
| Notes:                 |                              |                |       |    |            |                     |            |                      |            |       |     |       |      |                            |     |
| CKT                    | Circuit Description          | Trip           | Poles | CB | A          |                     | B          |                      | C          |       | CB  | Poles | Trip | Circuit Description        | CKT |
| 1                      | OFFICE LIGHTS                | 20A            | 1     | -- | 1342       | 212                 |            |                      |            |       | --  | 1     | 15A  | NIGHT LIGHTS, BATTERY BANK | 2   |
| 3                      | EXIT SIGNS                   | 15A            | 1     | -- |            |                     | 150        | 400                  |            |       | --  | 1     | 15A  | HOUSEKEEPING RECEPTACLES   | 4   |
| 5                      | HOUSEKEEPING RECEPTACLES     | 15A            | 1     | -- |            |                     |            |                      | 300        | 2400  | --  | 1     | 25A  | VAV-9, VAV-10, VAV-11      | 6   |
| 7                      | OFFICE RECEPTACLES 133,134   | 15A            | 1     | -- | 720        | 180                 |            |                      |            |       | --  | 1     | 20A  | ROOFTOP RECEPTACLE         | 8   |
| 9                      | OFFICE RECEPTACLES 131,132   | 15A            | 1     | -- |            |                     | 720        | 0                    |            |       | --  | 2     | 15A  | SPARE                      | 10  |
| 11                     | OFFICE RECEPTACLES 128,130   | 15A            | 1     | -- |            |                     |            |                      | 720        | 0     | --  |       | 15A  | SPARE                      | 12  |
| 13                     | MEETING ROOM RECEPTACLES 122 | 15A            | 1     | -- | 360        | 351                 |            |                      |            |       | --  | 2     | 15A  | ERV-2                      | 14  |
| 15                     | FRIDGE                       | 15A            | 1     | -- |            |                     | 800        | 351                  |            |       | --  |       | 15A  | ERV-2                      | 16  |
| 17                     | COUNTERTOP RECEPTACLE        | 15A            | 1     | -- |            |                     |            |                      | 200        | 1433  | --  | 3     | 15A  | DHC-2                      | 18  |
| 19                     | COUNTERTOP RECEPTACLE        | 15A            | 1     | -- | 200        | 1433                |            |                      |            |       | --  |       | 15A  | DHC-2                      | 20  |
| 21                     | OFFICE RECEPTACLES 124, 125  | 15A            | 1     | -- |            |                     | 720        | 1433                 |            |       | --  | 1     | 20A  | VAV-8                      | 22  |
| 23                     | OFFICE RECEPTACLES 126       | 15A            | 1     | -- |            |                     |            |                      | 360        | 1400  | --  |       | 20A  | VAV-8                      | 24  |
| 25                     | PRINTER                      | 20A            | 1     | -- | 1000       | 0                   |            |                      |            |       | --  | 1     | 15A  | SPARE                      | 26  |
| 27                     | DWH-2                        | 15A            | 3     | -- |            |                     | 1167       | 0                    |            |       | --  | 1     | 15A  | SPARE                      | 28  |
| 29                     |                              |                |       | -- |            |                     | 1167       | 0                    | --         | 1     | 15A | SPARE | 30   |                            |     |
| 31                     |                              |                |       | -- | 1167       | 0                   | --         | 1                    | 15A        | SPARE | 32  |       |      |                            |     |
| 33                     |                              |                |       | -- | 360        | 0                   | --         | 1                    | 15A        | SPARE | 34  |       |      |                            |     |
| 35                     | OFFICE RECEPTACLES           | 15A            | 1     | -- |            |                     |            |                      | 500        | 0     | --  | 1     | 15A  | SPARE                      | 36  |
| 37                     | SPARE                        | 15A            | 1     | -- | 0          | 0                   |            |                      |            |       | --  | 1     | 15A  | SPARE                      | 38  |
| 39                     | SPARE                        | 15A            | 1     | -- |            |                     | 0          | 0                    |            |       | --  | 1     | 20A  | SPARE                      | 40  |
| 41                     | SPARE                        | 15A            | 1     | -- |            |                     |            |                      | 0          | 0     | --  | 1     | 20A  | SPARE                      | 42  |
| Total Load:            |                              |                |       |    | 6.97 kVA   |                     | 6.10 kVA   |                      | 8.48 kVA   |       |     |       |      |                            |     |
| Total Amps:            |                              |                |       |    | 58.04 Amps |                     | 50.84 Amps |                      | 70.67 Amps |       |     |       |      |                            |     |



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Consultants

Legend

Revision By Appd. YY.MM.DD

ISSUED FOR CONSTRUCTION CB AA 25.06.04  
Issued By Appd. YY.MM.DD

File Name: Dwn. Chkd. Dsgn. YY.MM.DD

Permit-Seal



**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**  
Certificate of Authorization  
Stantec Consulting Ltd.  
No. 1301

Client/Project  
WINNIPEG TRANSIT MAINTENANCE FACILITY  
OFFICE REDEVELOPMENT

421 OSBORNE ST. SOUTH, WINNIPEG, MB

Title  
ELECTRICAL SCHEDULES

Project No. 115421006 Scale 1/8"=1'-0"

Drawing No. E-304 Sheet 16 of 18 Revision 0