



**Certificate of Verification**  
**CAN/ULC-S537**

*THIS CERTIFIES that the Mircom Fire alarm equipment*

**No: 101922- AN**

*Installed by:* **Rimu Electric**

*Located at:* **The Atrium**  
**19945 Brydon Crescent**  
**Langley ,BC**

*this certificate must be revalidated by:*  
October 19, 2023 *per CAN/ULC-S537*

*Was checked and inspected by a trained technician.*

*Issued in* **Maple Ridge** *on* October 19, 2022

**MIRCOM TECHNOLOGIES LTD.**

A handwritten signature in blue ink that reads "Alan Ng".

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***Technician's Signature***

**Alan Ng**



**C6 FIELD DEVICE RECORD**

CAN/ULC-S537-13

(Reference: Clauses 6.4.1.3,6.4.1.4,6.4.1.5,6.4.5.1-B,6.8.1.1-B,8.8.2.2-B,6.8.2.4,Appendix C6.2, C6.3 and C6.4)



**C6.2 - INDIVIDUAL DEVICE RECORD**

**Building Name:**

The Atrium

**Address:**

19945 Brydon Crescent

Langley, BC

October 19, 2022

**WO#:** TSVC088029  
**Manufacturer:** Mircom  
**Model:** FX-2000

VERIFICATION

TEST INSPECTION

**C6.1 FIELD DEVICE TESTING - LEGEND AND NOTES**

|                           |             |
|---------------------------|-------------|
| P/S - MANUAL PULL STATION | MS-401AP    |
| S/D - SMOKE DETECTOR      | MIX-2251APA |
| H/D - Heat Detector       | Mix-5251APA |
| D/S - DUCT SMOKE DETECTOR | DNRA        |
| BL - BELL                 | NA          |
| HR - HORN                 | MHWA        |
| ST - STROBE               | NA          |
| SP - SPEAKERS             | NA          |
| H/S - HAND SET            | NA          |
| ISO - ISOLATOR            | M500XA      |
| RLY - RELAY               | NA          |
| K/S - KITCHEN SUPPRESSION | NA          |
| S/V - SUPERVISORY VALVE   | Victaulic   |
| F/S - FLOW SWITCH         | Potter      |
| P/SW - PRESSURE SWITCH    | Potter      |

| LOCATION                   | DEVICE | CORRECTLY INSTALLED | REQUIRES SERVICE | ALARM OPERATION | ANNUNCIATION | ZONE CIRCUIT # / ADDRESS | SUPERVISION CONFIRMED | REMARKS |
|----------------------------|--------|---------------------|------------------|-----------------|--------------|--------------------------|-----------------------|---------|
| Parkade North              | HR     | ✓                   |                  | ✓               |              | 0-0.0                    | ✓                     |         |
| Parkade N.E.               | HR     | ✓                   |                  | ✓               |              | 0-0.0                    | ✓                     |         |
| Parkade East               | HR     | ✓                   |                  | ✓               |              | 0-0.0                    | ✓                     |         |
| Parkade East               | EOL    | ✓                   |                  |                 |              | 0-0.0                    | ✓                     |         |
| Parkade S.E. Storage Room  | ST     | ✓                   |                  | ✓               |              | 0-0.1                    | ✓                     |         |
| Parkade S.E. Storage Room  | HR/ST  | ✓                   |                  | ✓               |              | 0-0.1                    | ✓                     |         |
| Parkade S.E.               | HR     | ✓                   |                  | ✓               |              | 0-0.1                    | ✓                     |         |
| Parkade Mechanical Room    | HR/ST  | ✓                   |                  | ✓               |              | 0-0.1                    | ✓                     |         |
| Parkade Elevator Lobby     | HR/ST  | ✓                   |                  | ✓               |              | 0-0.1                    | ✓                     |         |
| Parkade Center             | HR     | ✓                   |                  | ✓               |              | 0-0.1                    | ✓                     |         |
| Parkade West Locker Room   | HR/ST  | ✓                   |                  | ✓               |              | 0-0.1                    | ✓                     |         |
| Parkade S.W.               | HR     | ✓                   |                  | ✓               |              | 0-0.1                    | ✓                     |         |
| Parkade S.W.               | EOL    | ✓                   |                  |                 |              | 0-0.1                    | ✓                     |         |
| Parkade North Locker Room  | HR/ST  | ✓                   |                  | ✓               |              | 0-0.2                    | ✓                     |         |
| Parkade North Locker Room  | HR/ST  | ✓                   |                  | ✓               |              | 0-0.2                    | ✓                     |         |
| Parkade Electrical Room    | HR/ST  | ✓                   |                  | ✓               |              | 0-0.2                    | ✓                     |         |
| Parkade West               | HR     | ✓                   |                  | ✓               |              | 0-0.2                    | ✓                     |         |
| Parkade West               | EOL    | ✓                   |                  |                 |              | 0-0.2                    | ✓                     |         |
| 1 Floor by 102             | HR     | ✓                   |                  | ✓               |              | 0-0.3                    | ✓                     |         |
| 1 Floor by 104             | HR     | ✓                   |                  | ✓               |              | 0-0.3                    | ✓                     |         |
| 1 Floor by 117             | HR     | ✓                   |                  | ✓               |              | 0-0.3                    | ✓                     |         |
| 1 Floor by 112             | HR     | ✓                   |                  | ✓               |              | 0-0.3                    | ✓                     |         |
| 1 Floor Meeting Room       | HR     | ✓                   |                  | ✓               |              | 0-0.3                    | ✓                     |         |
| 1 Floor Entertainment Room | HR     | ✓                   |                  | ✓               |              | 0-0.3                    | ✓                     |         |
| 1 Floor Amenity Room       | HR     | ✓                   |                  | ✓               |              | 0-0.3                    | ✓                     |         |
| 1 Floor Fitness Room       | HR     | ✓                   |                  | ✓               |              | 0-0.3                    | ✓                     |         |
| 1 Floor by 112             | EOL    | ✓                   |                  |                 |              | 0-0.3                    | ✓                     |         |









**C6 FIELD DEVICE RECORD**

CAN/ULC-S537-13

(Reference: Clauses 6.4.1.3,6.4.1.4,6.4.1.5,6.4.5.1-B,6.8.1.1-B,8.8.2.2-B,6.8.2.4,Appendix C6.2, C6.3 and C6.4)



**C6.2 - INDIVIDUAL DEVICE RECORD**

**Building Name:**

The Atrium

**Address:**

19945 Brydon Crescent

Langley, BC

October 19, 2022

**WO#:** TSVC088029  
**Manufacturer:** Mircom  
**Model:** FX-2000

VERIFICATION

TEST INSPECTION

**C6.1 FIELD DEVICE TESTING - LEGEND AND NOTES**

|                           |             |
|---------------------------|-------------|
| P/S - MANUAL PULL STATION | MS-401AP    |
| S/D - SMOKE DETECTOR      | MIX-2251APA |
| H/D - Heat Detector       | Mix-5251APA |
| D/S - DUCT SMOKE DETECTOR | DNRA        |
| BL - BELL                 | NA          |
| HR - HORN                 | MHWA        |
| ST - STROBE               | NA          |
| SP - SPEAKERS             | NA          |
| H/S - HAND SET            | NA          |
| ISO - ISOLATOR            | M500XA      |
| RLY - RELAY               | NA          |
| K/S - KITCHEN SUPPRESSION | NA          |
| S/V - SUPERVISORY VALVE   | Victaulic   |
| F/S - FLOW SWIITCH        | Potter      |
| P/SW - PRESSURE SWITCH    | Potter      |

| LOCATION                | DEVICE | CORRECTLY INSTALLED | REQUIRES SERVICE | ALARM OPERATION | ANNUNCIATION | ZONE CIRCUIT # / ADDRESS | SUPERVISION CONFIRMED | REMARKS |
|-------------------------|--------|---------------------|------------------|-----------------|--------------|--------------------------|-----------------------|---------|
| Level 3 Hallway by 302  | HR/ST  | ✓                   |                  | ✓               |              | 2-182                    | ✓                     |         |
| Level 3 Hallway by 304  | HR/ST  | ✓                   |                  | ✓               |              | 2-182                    | ✓                     |         |
| Level 3 Hallway by 316  | HR/ST  | ✓                   |                  | ✓               |              | 2-182                    | ✓                     |         |
| Level 3 Hallway by 311  | HR/ST  | ✓                   |                  | ✓               |              | 2-182                    | ✓                     |         |
| Level 3 Hallway by 311  | EOL    | ✓                   |                  |                 |              | 2-182                    | ✓                     |         |
| Level 4 Hallway by 402  | HR/ST  | ✓                   |                  | ✓               |              | 2-183                    | ✓                     |         |
| Level 4 Hallway by 404  | HR/ST  | ✓                   |                  | ✓               |              | 2-183                    | ✓                     |         |
| Level 4 Hallway by 416  | HR/ST  | ✓                   |                  | ✓               |              | 2-183                    | ✓                     |         |
| Level 4 Hallway by 411  | HR/ST  | ✓                   |                  | ✓               |              | 2-183                    | ✓                     |         |
| Level 4 Hallway by 411  | EOL    | ✓                   |                  |                 |              | 2-183                    | ✓                     |         |
| Unit 301 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 301 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 302 Hall           | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 302 Master Bedroom | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 302 Bedroom 1      | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 302 Bedroom 2      | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 303 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 303 Master Bedroom | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 303 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 304 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 304 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 305 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 305 Master Bedroom | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 305 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 306 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 306 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 307 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 307 Master Bedroom | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |
| Unit 307 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-184                    | ✓                     |         |





**C6 FIELD DEVICE RECORD**

CAN/ULC-S537-13

(Reference: Clauses 6.4.1.3,6.4.1.4,6.4.1.5,6.4.5.1-B,6.8.1.1-B,8.8.2.2-B,6.8.2.4,Appendix C6.2, C6.3 and C6.4)



**C6.2 - INDIVIDUAL DEVICE RECORD**

**Building Name:**

The Atrium

**Address:**

19945 Brydon Crescent

Langley, BC

October 19, 2022

**WO#:** TSVC088029  
**Manufacturer:** Mircom  
**Model:** FX-2000

VERIFICATION

TEST INSPECTION

**C6.1 FIELD DEVICE TESTING - LEGEND AND NOTES**

|                           |             |
|---------------------------|-------------|
| P/S - MANUAL PULL STATION | MS-401AP    |
| S/D - SMOKE DETECTOR      | MIX-2251APA |
| H/D - Heat Detector       | Mix-5251APA |
| D/S - DUCT SMOKE DETECTOR | DNRA        |
| BL - BELL                 | NA          |
| HR - HORN                 | MHWA        |
| ST - STROBE               | NA          |
| SP - SPEAKERS             | NA          |
| H/S - HAND SET            | NA          |
| ISO - ISOLATOR            | M500XA      |
| RLY - RELAY               | NA          |
| K/S - KITCHEN SUPPRESSION | NA          |
| S/V - SUPERVISORY VALVE   | Victaulic   |
| F/S - FLOW SWIITCH        | Potter      |
| P/SW - PRESSURE SWITCH    | Potter      |

| LOCATION                | DEVICE | CORRECTLY INSTALLED | REQUIRES SERVICE | ALARM OPERATION | ANNUNCIATION | ZONE CIRCUIT # / ADDRESS | SUPERVISION CONFIRMED | REMARKS |
|-------------------------|--------|---------------------|------------------|-----------------|--------------|--------------------------|-----------------------|---------|
| Unit 409 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-185                    | ✓                     |         |
| Unit 409 Master Bedroom | HR     | ✓                   |                  | ✓               |              | 2-185                    | ✓                     |         |
| Unit 409 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-185                    | ✓                     |         |
| Unit 419 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-185                    | ✓                     |         |
| Unit 419 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-185                    | ✓                     |         |
| Level 2 Hallway by 202  | HR/ST  | ✓                   |                  | ✓               |              | 2-192                    | ✓                     |         |
| Level 2 Hallway by 204  | HR/ST  | ✓                   |                  | ✓               |              | 2-192                    | ✓                     |         |
| Level 2 Hallway by 216  | HR/ST  | ✓                   |                  | ✓               |              | 2-192                    | ✓                     |         |
| Level 2 Hallway by 211  | HR/ST  | ✓                   |                  | ✓               |              | 2-192                    | ✓                     |         |
| Level 2 Hallway by 211  | EOL    | ✓                   |                  |                 |              | 2-192                    | ✓                     |         |
| Unit 101 Livng Room     | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 101 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 102 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 102 Master Bedroom | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 102 Bedroom 1      | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 102 Bedroom 2      | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 103 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 103 Master Bedroom | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 103 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 104 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 104 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 105 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 105 Master Bedroom | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 105 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 106 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 106 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 107 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 107 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 108 Living Room    | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |
| Unit 108 Bedroom        | HR     | ✓                   |                  | ✓               |              | 2-193                    | ✓                     |         |





# C6 FIELD DEVICE RECORD

CAN/ULC-S537-13

(Reference: Clauses 6.4.1.3,6.4.1.4,6.4.1.5,6.4.5.1-B,6.8.1.1-B,8.8.2.2-B,6.8.2.4,Appendix C6.2, C6.3 and C6.4)



## C6.2 - INDIVIDUAL DEVICE RECORD

### Building Name:

The Atrium

### Address:

19945 Brydon Crescent

Langley, BC

October 19, 2022

WO#: TSVC088029  
 Manufacturer: Mircom  
 Model: FX-2000

VERIFICATION

TEST INSPECTION

## C6.1 FIELD DEVICE TESTING - LEGEND AND NOTES

|                           |             |
|---------------------------|-------------|
| P/S - MANUAL PULL STATION | MS-401AP    |
| S/D - SMOKE DETECTOR      | MIX-2251APA |
| H/D - Heat Detector       | Mix-5251APA |
| D/S - DUCT SMOKE DETECTOR | DNRA        |
| BL - BELL                 | NA          |
| HR - HORN                 | MHWA        |
| ST - STROBE               | NA          |
| SP - SPEAKERS             | NA          |
| H/S - HAND SET            | NA          |
| ISO - ISOLATOR            | M500XA      |
| RLY - RELAY               | NA          |
| K/S - KITCHEN SUPPRESSION | NA          |
| S/V - SUPERVISORY VALVE   | Victaulic   |
| F/S - FLOW SWIITCH        | Potter      |
| P/SW - PRESSURE SWITCH    | Potter      |

| LOCATION                | DEVICE | CORRECTLY INSTALLED | REQUIRES SERVICE | ALARM OPERATION | ANNUNCIATION | ZONE CIRCUIT # / ADDRESS | SUPERVISION CONFIRMED | REMARKS |
|-------------------------|--------|---------------------|------------------|-----------------|--------------|--------------------------|-----------------------|---------|
| 2 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-41                     | ✓                     |         |
| 2 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-42                     | ✓                     |         |
| 2 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-43                     | ✓                     |         |
| 2 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-44                     | ✓                     |         |
| 2 Floor by Elevator     | S/D    | ✓                   |                  | ✓               | ✓            | 2-45                     | ✓                     |         |
| 2 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-46                     | ✓                     |         |
| 2 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-47                     | ✓                     |         |
| 2 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-48                     | ✓                     |         |
| 2 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-49                     | ✓                     |         |
| 3 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-60                     | ✓                     |         |
| 3 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-61                     | ✓                     |         |
| 3 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-62                     | ✓                     |         |
| 3 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-63                     | ✓                     |         |
| 3 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-64                     | ✓                     |         |
| 3 Floor by Elevator     | S/D    | ✓                   |                  | ✓               | ✓            | 2-65                     | ✓                     |         |
| 3 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-66                     | ✓                     |         |
| 3 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-67                     | ✓                     |         |
| 3 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-68                     | ✓                     |         |
| 3 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-69                     | ✓                     |         |
| 4 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-80                     | ✓                     |         |
| 4 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-81                     | ✓                     |         |
| 4 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-82                     | ✓                     |         |
| 4 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-83                     | ✓                     |         |
| 4 Floor Corridor South  | S/D    | ✓                   |                  | ✓               | ✓            | 2-84                     | ✓                     |         |
| 4 Floor by Elevator     | S/D    | ✓                   |                  | ✓               | ✓            | 2-85                     | ✓                     |         |
| 4 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-86                     | ✓                     |         |
| 4 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-87                     | ✓                     |         |
| 4 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-88                     | ✓                     |         |
| 4 Floor Corridor North  | S/D    | ✓                   |                  | ✓               | ✓            | 2-89                     | ✓                     |         |
| 4 Floor Elevator Closet | S/D    | ✓                   |                  | ✓               | ✓            | 2-90                     | ✓                     |         |
| Stair 2 Top             | S/D    | ✓                   |                  | ✓               | ✓            | 2-95                     | ✓                     |         |
| Stair 1 Top             | S/D    | ✓                   |                  | ✓               | ✓            | 2-96                     | ✓                     |         |









## APPENDIX C (INFORMATIVE) - FIRE ALARM SYSTEM VERIFICATION RECORDS

(Reference: Subsection 4.1, Clauses 4.1.7, 4.2.1 and 4.2.2)

### C1 FIRE ALARM SYSTEM VERIFICATION REPORT

(Reference Clause 4.1.6, 4.2.2)

|                      |                              |               |                  |
|----------------------|------------------------------|---------------|------------------|
| Building Name:       | <b>The Atrium</b>            | Date:         | <b>19-Oct-22</b> |
| Address:             | <b>19945 Brydon Crescent</b> |               |                  |
|                      | <b>Langley</b>               | <b>BC</b>     |                  |
| System Manufacturer: | <b>Mircom</b>                | Model number: | <b>FX-2000</b>   |

|   |   |   |                             |   |
|---|---|---|-----------------------------|---|
| A | System provides single-stage operation.   | Yes <input checked="" type="checkbox"/> |                             | N/A                                     |
| B | System provides two-stage operation.  | Yes <input type="checkbox"/>            |                             | N/A <input checked="" type="checkbox"/> |
| C | The entire fire alarm system has been verified in accordance with CAN/ULC-S537, Verification of Fire Alarm Systems.                                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A                                     |
| D | This is a partial verification for a partial occupancy.   | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| E | This is a partial verification for a fire alarm system that has been replaced in stages.  | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| F | This is a verification of a portion of an existing fire alarm system verified in accordance with Section 7, System Modifications.                       | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| G | Installed in accordance with the <i>design</i> and CAN/ULC-S524, Standard for Installation of Fire Alarm Systems.                                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| H | The fire alarm system documentation is on site and includes a description of the system.  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| I | The fire alarm system is fully functional.  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| J | The <i>fire alarm system</i> is connected to a fire signal receiving centre.  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A                                     |
|   | If connected, indicate the fire signal receiving centre:<br><br><b>Radius Security</b>  |   |                             |   |
| K | Comments  |   |                             |   |
| L | A copy of the report will be given to the following, who is the owner or the owner or owner's representative for this building:<br><b>Rimu Electric</b> | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |

This is to certify that the information contained in this Fire Alarm System Verification Report is correct and complete.

|  |               |                     |
|--|---------------|---------------------|
| <b>Alan Ng</b>   | <u>Mircom</u> | <u>604.460.6332</u> |
| Printed Name of Primatry or Supervising Technician Conducting Verification | Company       | Telephone           |



Signature

\_\_\_\_\_  
Printed Name of Technician  
Conducting the Verification

\_\_\_\_\_  
Company

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Signature of Technician  
Conducting the Verification

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\_\_\_\_\_  
Printed Name of Designer

\_\_\_\_\_  
Company

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Signature of Designer

**C2 DOCUMENTATION**

(Reference Clause 4.2.3)  
**No = Did not test correctly**  
**(REFER TO DEFICIENCIES, C6.5)**

**N/A = Not applicable**  
**Function or feature**  
**not provided on this**  
**fire alarm system.**

**C2.1 Documentation for the fire alarm system is on site and includes the following description of the fire alarm system:**

|   |   |       |    |     |
|---|---|-------|----|-----|
| A | Instructions for resetting the system and silencing alarm signals.  | Yes ✓ | No | N/A |
| B | Instructions for silencing the trouble signal and action to be taken when the trouble signal sounds.  | Yes ✓ | No | N/A |
| C | Description of the function of each operating control and indicator on the fire alarm unit.   | Yes ✓ | No | N/A |
| D | Description of the area or fire zone protected by each detection circuit ( this may be in the form of a list or plan drawing).                                | Yes ✓ | No | N/A |
| E | Description of alarm signal operation.  | Yes ✓ | No | N/A |
| F | Description of ancillary equipment controlled by the fire alarm system.   | Yes ✓ | No | N/A |
| G | In systems that provide logical control of a smoke control system, documentation is on site and includes a sequence of operation of the smoke control system. | Yes ✓ | No | N/A |
| H | Building diagrams are on site that clearly indicate the type and location of all smoke-control equipment (fans, dampers, etc.).                               | Yes ✓ | No | N/A |

**C3. FIELD DEVICE AND RELATED CIRCUITS - TEST AND INSPECTION**

(Reference Clause 4.3.1.3, Subsections 4.3.1, 4.3.2, 4.3.3, 4.3.5 and 4.3.6)

|   |  |       |    |       |
|---|--|-------|----|-------|
| A | Correct field termination and wiring size.   | Yes ✓ | No | N/A   |
| B | Correct circuit polarities.  | Yes ✓ | No | N/A   |
| C | An open circuit fault on a conventional device circuit causes a trouble signal.  | Yes ✓ | No | N/A   |
| D | Removal of any active or supporting field device circuit causes a trouble signal.  | Yes ✓ | No | N/A   |
| E | One contact device and one non-contact device tested for operation and annunciation at the control unit or transponder, when using a field verifying device.   | Yes   | No | N/A ✓ |
| F | Class A circuits serving conventional field devices tested for the capability of providing an alarm signal on each side of an open circuit fault connection at an electrically remote point in the circuit.  | Yes ✓ | No | N/A   |
| G | Ground fault indications occur when tested at the electrically furthest field device, and do not result in normal to off-normal status change conditions.  | Yes ✓ | No | N/A   |
| H | Field device at the electrically furthest point from the power source (in every circuit) receives rated power in accordance with the manufacture's specifications.   | Yes ✓ | No | N/A   |
| I | Replaceable over-current devices are of correcting rating.   | Yes ✓ | No | N/A   |
| J | Wire type and gauge in accordance with the manufacture's installation wiring at all system termination points.   | Yes ✓ | No | N/A   |
| K | Conductor type and wire gauge in accordance with equipment manufacturer's installation at all sytem termination points.  | Yes ✓ | No | N/A   |
| L | Confirm that where the multiple stand optical fibre cable used with a fire alarm system is not dedicated to the fire alarm system, the fire alarm system shall continue to function as required despite any impairment to other systems, which share the cable.  | Yes   | No | N/A ✓ |
| M | Where power isolation modules are installed in a power distribution riser serving field devices, wiring shall be shorted on the isolated side, annunciation of the fault confirmed, and then a device on the source side shall be operated, and activation confirmed at the control unit or transponder. | Yes   | No | N/A ✓ |

|   |  |     |    |       |
|---|--|-----|----|-------|
| N | Where a signal circuit serves more than one residential suite, a wire-to-wire short circuit fault shall be imposed within each suite in normal (supervisory -- non-alarm) and alarm conditions. In all cases the wire-to-wire short circuit fault shall not interfere with the ability of devices in other dwelling units, public corridors, or suites to sound alarm. | Yes | No | N/A ✓ |
|---|--|-----|----|-------|

**C4 DATA COMMUNICATION LINK TEST**

(Reference Clause 4.2.6, Subsection 4.3.4)

|   |                       |
|---|-----------------------|
| Control unit or transponder location:       | <b>Elect Room</b>     |
| Control unit or transponder identification: | <b>Mircom FX-2000</b> |
| Data communication link identification:     |                       |

|   |   |       |    |       |
|---|---|-------|----|-------|
| A | Each system abnormal condition specified in Table 1, Abnormal System Conditions, tested for each data communication link at the control unit or transponder.  | Yes ✓ | No | N/A   |
| B | Tests for alarm and trouble received under a single ground fault condition conducted on each conductor of that data communication link independently.   | Yes ✓ | No | N/A   |
| C | Each conductor in a data communication link, Class A (DCLA) tested for the capability of providing an alarm signal on each side of a single open circuit fault condition.   | Yes ✓ | No | N/A   |
| D | Where a data communication link services devices on more than one floor area, impose a wire-to-wire short circuit within each floor area and confirm receipt if trouble and alarm condition from another floor area.  | Yes ✓ | No | N/A   |
| E | Where a fault isolation module is installed in data communication links serving field devices, wiring shorted on the isolated side, annunciation of the fault confirmed, and then a device on the source side operated, and confirmed at the control unit or transponder.           | Yes ✓ | No | N/A   |
| F | Where fault isolation in data communication links is provided between control units or transponders, the field wiring shorted between each pair of control units or transponders, in turn, annunciation of the fault confirmed and operation outside the shorted section confirmed. | Yes   | No | N/A ✓ |

**C5 CONTROL UNIT OR TRANSPONDER RECORD**

(Reference Clause 5.1.1)

**C5.1 CONTROL UNIT OR TRANSPONDER RECORD**

(Reference Clause 4.2.4, 5.2.2.1)

|   |                       |
|---|-----------------------|
| Control unit or transponder location:       | <b>Elect Room</b>     |
| Control unit or transponder identification: | <b>Mircom FX-2000</b> |

|   |  |       |    |       |
|---|--|-------|----|-------|
| A | Power 'ON' visual indicator operates.  | Yes ✓ | No | N/A   |
| B | Common visual trouble signal operates.   | Yes ✓ | No | N/A   |
| C | Common audible trouble signal operates.  | Yes ✓ | No | N/A   |
| D | Trouble signal silence switch operates.  | Yes ✓ | No | N/A   |
| E | Main power supply failure trouble signal operates.   | Yes ✓ | No | N/A   |
| F | Ground fault tested both positive and negative initiates trouble signal.                                   | Yes ✓ | No | N/A   |
| G | Alert signal operates.   | Yes   | No | N/A ✓ |
| H | Alarm signal operates.   | Yes ✓ | No | N/A   |
| I | Automatic transfer from alert to alarm signal operates.  | Yes   | No | N/A ✓ |
| J | Manual transfer from alert to alarm signal operates.   | Yes   | No | N/A ✓ |
| K | Automatic transfer from alert to alarm signal cancel (acknowledge) feature operates on a two-stage system. | Yes   | No | N/A ✓ |
| L | Alarm signal silence inhibit function operates.  | Yes   | No | N/A ✓ |
| M | Alarm signal manual silence operates.  | Yes ✓ | No | N/A   |
| N | Alarm signal silence visual indication operates.   | Yes ✓ | No | N/A   |
| O | Alarm signal, when silenced, automatically reinitiates upon subsequent alarm.                              | Yes ✓ | No | N/A   |
| P | Alarm signal silence automatic cut-out timer.  | Time: | ∞  |       |

|    |  |       |    |       |
|----|--|-------|----|-------|
| Q  | Audible and visual alarm signals programmed and operate per design and specification.  | Yes ✓ | No | N/A   |
| R  | Input circuit alarm and supervisory operation, including visual indicator operates.  | Yes ✓ | No | N/A   |
| S  | Input circuit supervision fault causes a trouble condition.  | Yes ✓ | No | N/A   |
| T  | Output circuit alarm indicators operate.   | Yes ✓ | No | N/A   |
| U  | Output circuit alarm supervision fault causes a trouble indication.  | Yes ✓ | No | N/A   |
| V  | Visual indicator test (lamp test) operates.  | Yes ✓ | No | N/A   |
| W  | Coded signal sequences operate not less that the required number of times and the correct alarm signal operates thereafter.  | Yes   | No | N/A ✓ |
| X  | Coded signal sequences are not interrupted by subsequent alarms.   | Yes   | No | N/A ✓ |
| Y  | Ancillary device control circuit is rated for the intended purpose.  | Yes ✓ | No | N/A   |
| Z  | Ancillary device control by-pass in trouble signal.  | Yes ✓ | No | N/A   |
| AA | Input circuit to output circuit operation, ancillary device circuits (Refer to Appendix C5, 12, Ancillary Device Circuit Test), for correct programmed operation, as per design and specification. | Yes ✓ | No | N/A   |
| BB | Fire alarm system reset operates.  | Yes ✓ | No | N/A   |
| CC | Main power supply to emergency power supply transfer   | Yes ✓ | No | N/A   |
| DD | Control unit or transponder bonded to ground.  | Yes ✓ | No | N/A   |
| EE | Status change confirmation feature (smoke detectors only) verified.  | Yes   | No | N/A ✓ |

## C5.2 VOICE COMMUNICATION TEST

(Reference Clause 4.2.4, 5.2.3.1)

|   |   |     |    |       |
|---|---|-----|----|-------|
| A | Power 'ON' indicator operates.  | Yes | No | N/A ✓ |
| B | Common visual trouble signal operates.  | Yes | No | N/A ✓ |
| C | Common audible trouble signal operates.   | Yes | No | N/A ✓ |
| D | Trouble signal silence switch operates.   | Yes | No | N/A ✓ |
| E | All-call voice paging, including visual indicator operates.   | Yes | No | N/A ✓ |
| F | Output circuits for selective voice paging, including visual indication operates.   | Yes | No | N/A ✓ |
| G | Output circuits for selective voice paging trouble, including visual indication operates.   | Yes | No | N/A ✓ |
| H | Microphone, including press to talk switch, operates.   | Yes | No | N/A ✓ |
| I | Operation of voice paging does not interfere with initial inhibit time of alert signal and alarm signal.  | Yes | No | N/A ✓ |
| J | All-call voice paging operates (on emergency power supply).   | Yes | No | N/A ✓ |
| K | Upon failure of one amplifier, system automatically transfers to backup amplifier(s).   | Yes | No | N/A ✓ |
| L | Circuits for emergency telephone call-in operation including audible and visual indication, operate.  | Yes | No | N/A ✓ |
| M | Circuits for emergency telephone for operation including two-way voice communication, operate.  | Yes | No | N/A ✓ |
| N | Circuits for emergency telephone trouble operation including audible and visual indication, operate.  | Yes | No | N/A ✓ |
| O | Emergency telephone verbal communications operates.   | Yes | No | N/A ✓ |
| P | Emergency telephone operable or in use tone at handset operates.  | Yes | No | N/A ✓ |
| Q | While in standby mode, voice communication busses used for paging, alert signal, alarm signal, and emergency telephone communication circuits, an open circuit fault, or short circuit fault, or operation of an overcurrent protective device provided for the purpose, shall result in a specific trouble indication specific to the faulty buss. | Yes | No | N/A ✓ |

## C5.3 REQUIRED SYSTEM RESPONSE TIME

(Reference Clause 5.2.4.1)

|   |  |       |    |     |
|---|--|-------|----|-----|
| A | Audible signal devices and visible signal devices operated within 10 s, and Subsequent input operated within 10 s. | Yes ✓ | No | N/A |
| B | Remote connection operated within 10 s.  | Yes ✓ | No | N/A |
| C | Releasing device start of sequence operated within 10 s.   | Yes ✓ | No | N/A |
| D | Required annunciation operated within 10 s, and Subsequent input operation within 10 s.                            | Yes ✓ | No | N/A |

|  |  |       |    |     |
|--|--|-------|----|-----|
| E  | Required central alarm and control facility operated within 10s, and Subsequent input operation within 10 s. | Yes ✓ | No | N/A |
| F  | Ancillary circuits operated within 10s, and Subsequent input operation within 10 s.                          | Yes ✓ | No | N/A |
| Note: Refer to table 2 for required system response times. |  |       |    |     |

**C5.4 CONTROL UNIT OR TRANSPONDER INSPECTION**

(Reference Clause 4.2.4, 5.2.5.1)

|   |                       |
|---|-----------------------|
| Control unit or transponder location:       | <b>Elect Room</b>     |
| Control unit or transponder identification: | <b>Mircom FX-2000</b> |

|   |  |  |    |       |
|---|--|--|----|-------|
| A | Input circuit designations correctly identified in relation to connected field devices.  | Yes ✓  | No | N/A   |
| B | Output circuit designations correctly identified in relation to connected field devices.   | Yes ✓  | No | N/A   |
| C | Correct designations for common control functions and indicators.  | Yes ✓  | No | N/A   |
| E | Plug-in cables securely in place.  | Yes ✓  | No | N/A   |
| F | Record the date, revision and version of firmware and software program.  | <b>Date:</b> Oct-22<br><b>REV:</b> AA <b>VER:</b> 2.14.9 |    |       |
| G | Control unit and transponder is clean and free of dust.  | Yes ✓  | No | N/A   |
| H | Fuses in accordance with manufacture's specification.  | Yes ✓  | No | N/A   |
| I | Control unit or transponder lock functional.   | Yes ✓  | No | N/A   |
| J | Termination points from wiring to field devices secure.  | Yes ✓  | No | N/A   |
| K | Control unit or transponder power disconnects in accordance with C22.1, Safety Standard for Electrical Installations, Canadian Electrical Code, Part I.  | Yes ✓  | No | N/A   |
| L | Field wiring entry points for the various circuits and circuit separation shall be in accordance with the manufacturer's specifications.   | Yes ✓  | No | N/A   |
| M | Main power supply feed wiring in accordance with manufacture's specification.  | Yes ✓  | No | N/A   |
| N | Verify control units or transponders with stand alone capability serves the same area for both input and output circuits.  | Yes ✓  | No | N/A   |
| O | Control units or transponders which operate with stand alone capability have signal silence, reset, and trouble silence switches with visual indicators, degraded mode capability and stand alone capability indicators. | Yes  | No | N/A ✓ |
| P | Each control unit or transponder furnished with operating and maintenance instructions, and installation instructions.   | Yes ✓  | No | N/A   |
| Q | Control unit or transponder visual indicators comply with 3, Visual Indicators-Color Code.   | Yes ✓  | No | N/A   |

**C5.5 LARGE SCALE NETWORK SYSTEMS**

(Reference Clause 4.2.4, 5.3.2)

|   |  |     |    |       |
|---|--|-----|----|-------|
| A | Verify control units or transponders serve the same area for both input circuits and output circuits.  | Yes | No | N/A ✓ |
| B | Verify control units or transponders with stand alone capability have signal silence, reset and trouble silence switches with visual indicators, degraded mode capability and stand alone indicators.  | Yes | No | N/A ✓ |
| C | Confirm that between any nodes a single open circuit fault, wire-to-wire short circuit fault, or ground fault on the network results in a trouble signal at each node and continued alarm receipt capability at each node under these conditions.                          | Yes | No | N/A ✓ |
| D | To test stand alone capability, create a condition of data communication link failure, and confirm each control unit or transponder is capable of receiving an alarm initiation and provides an output operation in the area as served by the control unit or transponder. | Yes | No | N/A ✓ |
|   | To test degraded mode capability, create a condition of data communication link failure in two separate locations creating two network segments of the network have the following operation:   |     |    |       |

|   |  |     |    |     |   |
|---|--|-----|----|-----|---|
| E | (i) Operate the alarm signals in accordance with the system operating sequence.  | Yes | No | N/A | ✓ |
|   | (ii) Maintain synchronization of control units or transponders for alert signals and alarm signals.  | Yes | No | N/A | ✓ |
|   | (iii) Operate local relays in control units or transponders connected to ancillary devices; as required;   | Yes | No | N/A | ✓ |
|   | (iv) Confirm the operation of acknowledge, signal silence, reset and trouble silence switches with visual indicators, degraded mode capability and stand alone capability indicators, are functional for each network segment. | Yes | No | N/A | ✓ |

**C5.6 POWER SUPPLY INSPECTION**

(Reference Clause 4.2.4, 5.4.1, 5.4.2)

|   |                       |
|---|-----------------------|
| Control unit or transponder location:       | <b>Elect Room</b>     |
| Control unit or transponder identification: | <b>Mircom FX-2000</b> |

|   |   |     |   |    |     |   |
|---|---|-----|---|----|-----|---|
| A | Conforms with the requirements of CAN/ULC-S524, Standard for the Installation of Fire Alarm Systems; and C22.1, Safety Standard for Electrical Installations, Canadian electrical Code, Part I, Section 32. | Yes | ✓ | No | N/A |   |
| B | Fused in accordance with the manufacture's marked rating of the system.   | Yes | ✓ | No | N/A |   |
| C | The primary supply is equipped with the identified disconnect means.  | Yes | ✓ | No | N/A |   |
| D | Adequate to meet requirements of the system.  | Yes | ✓ | No | N/A |   |
| E | Power for ancillary devices is taken from a source separate from the fire alarm system control unit or transponder power supply.  | Yes | ✓ | No | N/A |   |
| F | Power for the ancillary devices is taken from the control unit or transponder that is designated to provide such power.   | Yes |   | No | N/A | ✓ |
| G | Ancillary devices, which are powered from the control unit or transponder, are recorded.  | Yes |   | No | N/A | ✓ |

**C5.7 EMERGENCY POWER SUPPLY TEST AND INSPECTION**

(Reference Clause 4.2.4, 5.4.4, 5.4.5, D3.1-A, D3.1-B, D3.1-C)

|   |                       |
|---|-----------------------|
| Control unit or transponder location:       | <b>Elect Room</b>     |
| Control unit or transponder identification: | <b>Mircom FX-2000</b> |

|   |   |                           |   |    |     |   |
|---|---|---------------------------|---|----|-----|---|
| A | Correct battery type as recommended by manufacturer.  | Yes                       | ✓ | No | N/A |   |
| B | Correct battery rating as determined by battery calculations based on full system load.   | Yes                       | ✓ | No | N/A |   |
| C | Battery voltage with the main power 'ON'  | Voltage: <b>27.60</b> VDC |   |    |     |   |
| D | Battery voltage and current with the main power supply 'OFF' and fire alarm system in supervisory condition.                        | Voltage: <b>27.30</b> VDC |   |    |     |   |
|   |   | Current: <b>0.36</b> A    |   |    |     |   |
| E | Battery voltage and current with the main power supply 'OFF' and fire alarm system in full load alarm condition.                    | Voltage: <b>27.20</b> VDC |   |    |     |   |
|   |   | Current: <b>1.48</b> A    |   |    |     |   |
| F | Charging current on a fully charged battery.  | <b>1.63</b> A             |   |    |     |   |
| G | Inspected for physical damage.  | Yes                       | ✓ | No | N/A |   |
| H | Terminals clean and lubricated.   | Yes                       | ✓ | No | N/A |   |
| I | Terminals clamped tightly.  | Yes                       | ✓ | No | N/A |   |
| J | Correct electrolyte level.  | Yes                       |   | No | N/A | ✓ |
| K | Specific gravity of the electrolyte is within manufacture's specifications.   | Yes                       |   | No | N/A | ✓ |
| L | Electrolyte leakage.  | Yes                       |   | No | N/A | ✓ |
| M | Adequately ventilated.  | Yes                       | ✓ | No | N/A |   |
| N | Record manufacturer's date code or in-service date.   | Date: <b>Oct-22</b>       |   |    |     |   |
| O | Disconnection causes trouble signal.  | Yes                       | ✓ | No | N/A |   |
| P | Indicate type of battery test performed on a fully charged battery:   |                           |   |    |     |   |
|   | (i) Required supervisory load for 24 hours followed by the required full load operation; or   | Yes                       |   | No | N/A | ✓ |
|   | (ii) A silent test by using the load resistor method may be used for the full duration test (Refer to Appendix D1, Silent Test); or | Yes                       |   | No | N/A | ✓ |

|   |   |       |     |       |
|---|---|-------|-----|-------|
|   | (iii) Silent accelerated test. (Refer to Appendix D2, Silent Accelerated Test).   | Yes ✓ | No  | N/A   |
| Q | Record calculated battery capacity (Refer to Appendix D3.1-C).  | 10.12 | AH  |       |
| R | Record battery terminal voltage after completion of tests.  | 27.50 | VDC |       |
| S | Battery voltage not less than 85% of its rating after the tests.  | Yes ✓ | No  | N/A   |
| T | Generator provides power to the AC circuit serving the fire alarm system.   | Yes   | No  | N/A ✓ |
| U | Trouble condition at the emergency generator results in an audible common trouble signal and a visual indication at the required annunciator. | Yes   | No  | N/A ✓ |

Required Alarm Time: 1 HOURS

### C5.8 ANNUNCIATOR AND REMOTE SIGNAL UNIT TEST AND INSPECTION

(Reference Clause 4.2.5, 5.5.1)

|   |               |
|---|---------------|
| Annunciator or remote trouble signal unit location:       | 1 Floor Lobby |
| Annunciator or remote trouble signal unit identification: | RAX-LCD       |

|   |  |       |    |       |
|---|--|-------|----|-------|
| A | Power 'ON' indicator operates.   | Yes ✓ | No | N/A   |
| B | Individual alarm and supervisory input zone clearly indicated and separately designated.   | Yes ✓ | No | N/A   |
| C | Individual alarm and supervisory input zone designation labels are properly identified.  | Yes ✓ | No | N/A   |
| D | Where active and supporting field devices are utilized, device labels correspond with actual field location.   | Yes ✓ | No | N/A   |
| E | Common trouble signal operates.  | Yes ✓ | No | N/A   |
| F | Visual indicator test (lamp test) operates.  | Yes ✓ | No | N/A   |
| G | Input wiring from control unit or transponder is supervised and of the correct type and gauge in accordance with the equipment manufacturer's wiring requirements. | Yes ✓ | No | N/A   |
| H | Alarm signal silence visual indicator operates.  | Yes ✓ | No | N/A   |
| I | Switches for ancillary functions operate as per design and specification.  | Yes   | No | N/A ✓ |
| J | Ancillary functions visual indicators operate.   | Yes   | No | N/A ✓ |
| K | Manual activation of alarm signal and indication operates.   | Yes   | No | N/A ✓ |
| L | Displays are visible in installed location.  | Yes ✓ | No | N/A   |
| M | Operates on emergency power.   | Yes ✓ | No | N/A   |
| N | Visual indicators comply with Table 3, Visual Indicators-Color Code.   | Yes ✓ | No | N/A   |
| O | Multi-line sequential display operates as per Appendix C5.9 (Annunciators or Sequential Displays), where utilized.   | Yes ✓ | No | N/A   |

### C5.9 ANNUNCIATOR OR SEQUENTIAL DISPLAYS

(Reference: Clauses 4.2.5, 4.5.2, Appendix C5.8-O)

|   |               |
|---|---------------|
| Annunciator or sequential display location:       | Level 1 Lobby |
| Annunciator or sequential display identification: | RAX-1048TZDS  |

|   |  |       |    |       |
|---|--|-------|----|-------|
| A | Power 'ON' indicator operates.   | Yes   | No | N/A ✓ |
| B | Individual alarm and supervisory zone indication operates.   | Yes ✓ | No | N/A   |
|   | <b>Exception:</b> Operation of each individual alarm and supervisory zone indication gives the Specify Method of Confirmation: | Yes ✓ | No | N/A   |
|   | <b>Visual</b>  |       |    |       |
|   | Minimum of one alarm zone and one supervisory zone tested per annunciator or sequential display to confirm operation.          | Yes ✓ | No | N/A   |
| C | Individual alarm and supervisory zone designation labels are properly identified.  | Yes ✓ | No | N/A   |
| D | Common trouble signal operates.  | Yes ✓ | No | N/A   |
| E | Visual indicators test (lamp test) operates.   | Yes ✓ | No | N/A   |



|   |   |       |    |       |
|---|---|-------|----|-------|
| F | Input wiring from control unit or transponder is supervised.              | Yes ✓ | No | N/A   |
| G | Alarm signal silence visual indicator operates.                           | Yes ✓ | No | N/A   |
| H | Switches for ancillary functions operate as per design and specification. | Yes   | No | N/A ✓ |
| I | Ancillary function visual indicators operate.                             | Yes   | No | N/A ✓ |
| J | Manual activation of alarm signal and indication operates.                | Yes   | No | N/A ✓ |
| K | Displays are visible in installed location.                               | Yes ✓ | No | N/A   |

### C5.10 REMOTE TROUBLE SIGNAL UNIT TEST AND INSPECTION

(Reference: Clauses 4.2.5, 5.5.3)

|  |             |
|--|-------------|
| Remote trouble signal unit location:       | <b>NONE</b> |
| Remote trouble signal unit identification: |             |

|   |  |     |    |       |
|---|--|-----|----|-------|
| A | Input wiring from control unit or transponder is supervised. | Yes | No | N/A ✓ |
| B | Visual trouble signal operates.                              | Yes | No | N/A ✓ |
| C | Audible trouble signal operates.                             | Yes | No | N/A ✓ |
| D | Audible trouble signal silence operates.                     | Yes | No | N/A ✓ |

### C5.11 PRINTER TEST

(Reference: Clauses 4.2.5, 5.6.1)

|                         |             |
|-------------------------|-------------|
| Printer location:       | <b>NONE</b> |
| Printer identification: |             |

|   |  |     |    |       |
|---|--|-----|----|-------|
| A | Operates as per design and specification.                  | Yes | No | N/A ✓ |
| B | Zone of each alarm initiating device is correctly printed. | Yes | No | N/A ✓ |
| C | Rated voltage is present.                                  | Yes | No | N/A ✓ |

### C5.12 ANCILLARY DEVICE CIRCUIT TEST

(Reference: Clauses 5.2.2.1-AA and 5.4.2-F)

| RECORD SPECIFIC TYPE OF ANCILLARY CIRCUIT | OPERATION OF ANCILLARY |    |       |
|---|------------------------|----|-------|
| Make Up Air Shutdown                      | Yes ✓                  | No | N/A   |
| Elevator recall                           | Yes ✓                  | No | N/A   |
|   | Yes                    | No | N/A ✓ |

Note: The tests reported on this form do not include the actual operational test of ancillary devices.

**C5.13 INTERCONNECTION TO THE FIRE SIGNAL RECEIVING CENTRE**

(Reference: Clause 5.2.2.1)

|   |   |   |    |       |
|---|---|---|----|-------|
| A | The fire signal receiving centre transmitter is integral to the fire alarm control unit.  | Yes   | No | N/A ✓ |
| B | An interconnection between the fire alarm control unit and a separate fire signal receiving centre transmitter is provided.   | Yes ✓   | No | N/A   |
| C | Where an interconnection between the fire alarm control unit and a separate fire signal receiving centre transmitter is provided, a demarcation terminal box with a minimum of 12 terminals is installed. | Yes   | No | N/A ✓ |
| D | The demarcation terminal box is located in the same room as the fire alarm control unit it is connected to.   | Yes ✓   | No | N/A   |
| E | The demarcation terminal box is labeled "Fire Alarm Demarcation" and/or "limitation D'Alarme Incendie".   | Yes   | No | N/A ✓ |
| F | The conductors installed between the fire alarm control panel and the demarcation terminal box comply with Section 3.4 of UAN/ULC-S524, Standard for Installation of Fire Alarm Systems.                  | Yes ✓   | No | N/A   |
| G | Tested and confirmed operation of alarm relay.  | Yes ✓   | No | N/A   |
| H | Tested and confirmed operation of trouble relay.  | Yes ✓   | No | N/A   |
| I | Tested and confirmed operation of supervision relay.  | Yes ✓   | No | N/A   |
| J | Confirm that the alarm transmission to the fire signal receiving centre is received.  | Yes ✓   | No | N/A   |
| K | Confirm that the supervisory transmission to the fire signal receiving centre is received.  | Yes ✓   | No | N/A   |
| L | Confirm that the trouble transmission to the fire signal receiving centre is received.  | Yes ✓   | No | N/A   |
| M | Operation of the fire signal receiving centre transmitter bypass means results in a specific trouble indication at the control unit or transponder.   | Yes ✓   | No | N/A   |
| N | Operation of the fire signal receiving centre transmitter bypass means transmits a trouble signal to the fire signal receiving centre.  | Yes ✓   | No | N/A   |
| O | Record the name and telephone number of the fire signal receiving centre.   | Name: Radius Security<br>Telephone (604) 232-2407 |    |       |



**C6.3 SIGNALLING DEVICE SOUND MEASUREMENT**

Date: 10/19/22

(Reference Clause 6.10.1-B, 6.10.1-F and 6.10.1-H)

Building Name: The Atrium

| ZONE | LOCATION                   | AMBIENT DBA | ALARM SIGNAL DBA | REMARKS |
|------|----------------------------|-------------|------------------|---------|
|      | Level 3 Hallway North      | 39          | 79               |         |
|      | Level 3 Hallway South      | 47          | 80               |         |
|      |                            |             |                  |         |
|      | Unit 303 Living Room       | 38          | 82               |         |
|      | Unit 303 Master Bedroom    | 37          | 84               |         |
|      | Unit 303 Bedroom           | 36          | 83               |         |
|      |                            |             |                  |         |
|      | Unit 307 Living Room       | 37          | 81               |         |
|      | Unit 307 Master Bedroom    | 39          | 81               |         |
|      | Unit 307 Bedroom           | 39          | 80               |         |
|      |                            |             |                  |         |
|      | Level 1 Entertainment Room | 41          | 80               |         |
|      | Level 1 Fitness Room       | 41          | 78               |         |
|      | Level 1 Main Lobby         | 45          | 78               |         |
|      |                            |             |                  |         |
|      | Unit 101 Livng Room        | 35          | 81               |         |
|      | Unit 101 Bedroom           | 37          | 81               |         |
|      |                            |             |                  |         |
|      | Unit 202 Living Room       | 38          | 79               |         |
|      | Unit 202 Master Bedroom    | 37          | 81               |         |
|      | Unit 202 Bedroom 1         | 38          | 81               |         |
|      | Unit 202 Bedroom 2         | 36          | 82               |         |
|      |                            |             |                  |         |
|      | Level 2 Corridor North     | 40          | 78               |         |
|      | Level 2 Corridor South     | 39          | 82               |         |
|      |                            |             |                  |         |
|      | Unit 414 Living Room       | 35          | 81               |         |
|      | Unit 414 Bedroom           | 33          | 79               |         |
|      | Unit 414 Washroom          | 34          | 77               |         |
|      |                            |             |                  |         |
|      | Parkade North              | 46          | 78               |         |
|      | Parkade South              | 47          | 79               |         |
|      | Parkade Mechanical Room    | 34          | 82               |         |
|      | Parkade Electrical Room    | 35          | 83               |         |
|      | Parkade Locker Room        | 33          | 80               |         |
|      |                            |             |                  |         |
|      |                            |             |                  |         |
|      |                            |             |                  |         |
|      |                            |             |                  |         |

