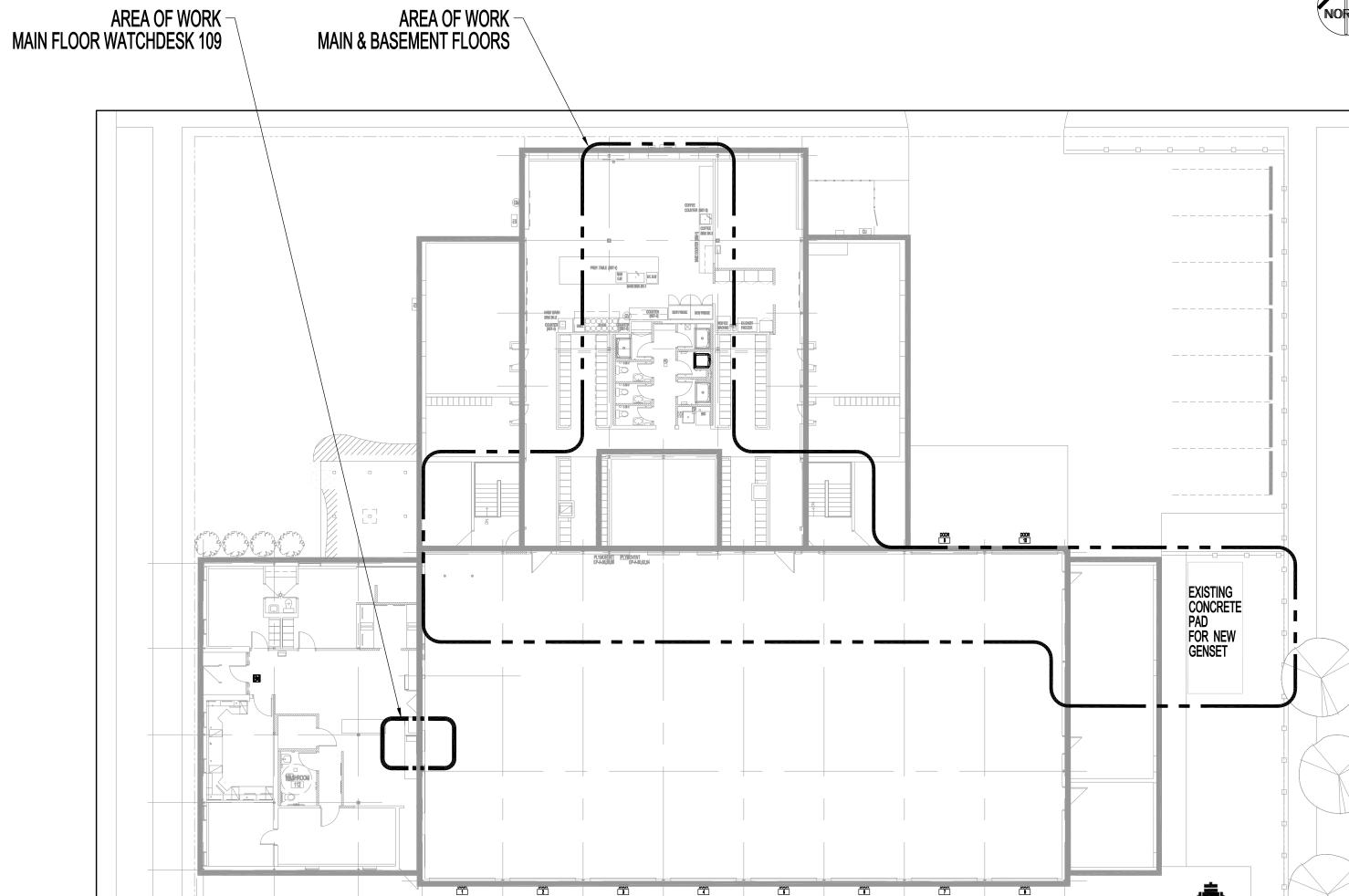
|        | DESCRIPTION                                |
|--------|--|
| A      | AMPERE, AMPACITY                           |
| AC     | ABOVE COUNTER                              |
| ACT    | ACOUSTIC CEILING TILE                      |
| AFF    | ABOVE FINISH FLOOR                         |
| AHJ    | AUTHORITY HAVING JURISDICTION              |
| ВС     | BENEATH/UNDERSIDE COUNTERTOP               |
| BFC    | BELOW FINISH CEILING                       |
| CCT    | CIRCUIT, CCT: C=PANEL "A"; CT= CIRCUIT "1" |
| CEC    | CANADIAN ELECTRICAL CODE                   |
| CLNG   | CEILING                                    |
| D      | DEMOLITION , REMOVE BACK TO SOURCE         |
| DA     | DOOR ACTUATOR                              |
| DCB    | DURESS CALL BUTTON                         |
| DED    | DEDICATED CIRCUIT                          |
| DSW    | DISCONNECT SWITCH                          |
| DWG    | DRAWING                                    |
| D/W    | DISHWASHER                                 |
| E      | EXISTING OR "NO DESIGNATION"               |
| EF     | EXHAUST FAN                                |
| EMT    | ELECTRICAL METALLIC TUBING                 |
| ES     | ELECTRIC STRIKE                            |
| GFCI   | GROUND FAULT CIRCUIT INTERRUPTER           |
| HTR    | HEATER                                     |
| HVAC   | HEATING, VENTILATING AND AIR CONDITIONIN   |
| HZ     | HERTZ                                      |
| JB     | JUNCTION BOX                               |
| M      | METER                                      |
| MD     | MOTION DETECTOR                            |
| M/W    |  |
|        | MICROWAVE                                  |
| N      | NEW NOT IN CONTRACT                        |
| N.I.C. | NOT IN CONTRACT                            |
| NTS    | NOT TO SCALE                               |
| 00     | ON COUNTER                                 |
| 0/C    | ON CENTER                                  |
| OS     | OCCUPANCY SENSOR                           |
| PNL    | PANEL                                      |
| R      | RELOCATE                                   |
| RC     | RE-CIRCUIT                                 |
| RECPT. | RECEPTACLE                                 |
| SLD    | SINGLE LINE DIAGRAM                        |
| SW     | SWITCH                                     |
| TBD    | TO BE DETERMINED                           |
| TCB    | TRAFFIC CONTROL BUTTON                     |
| TYP.   | TYPICAL                                    |
| U/G    | UNDERGROUND                                |
| U/S    | UNDERSIDE                                  |
|        |  |

VOLT

|  | ELECTRICAL LEGEND (NEW) (N) INDICATES "PROVIDE"  |
|--|--|
| TYPE   | DESCRIPTION  |
| <b>\( \begin{array}{c} \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </b> | DUPLEX RECEPTACLE  |
| ÷xx<br>⇔   | HEIGHT IN INCHES ABOVE FINISH FLOOR TO CENTERLINE OF DEVICE  |
| ⊖ <sub>1,2</sub>   | 2-GANG DUPLEX RECEPTACLE   |
| GUSB .   | DUPLEX RECEPTACLE WITH (2) 2A USB 2.2 & 3.0 CAPABLE  |
| GF<br><b>©</b> ≡   | GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE   |
| \$   | LIGHT SWITCH, SINGLE POLE  |
| DA   | 36" DOOR ACTUATOR FOR AUTOMATIC DOOR OPERATOR  |
| DSW  | DISCONNECT SWITCH  |
| DO-1   | AUTOMATIC DOOR OPERATOR  |
| JB JB  | JUNCTION BOX   |
| <b>⊕</b> <u></u><br>⊘π   | HEAT DETECTOR, FIXED TEMP (135°F), CEILING MOUNT (NEW)   |
| PAC  | PUBLIC ADDRESS SYSTEM CABINET  |
| (M)  | PUBLIC ADDRESS MICROPHONE INPUT JACK   |
| ⊢(SPI)   | PUBLIC ADDRESS SPEAKER   |
| (SPK)  | SPEAKER  |
| [SPK]  | SPEAKER  |
| SPK  | SPEAKER  |
| Ō  | SPEAKER VOLUME CONTROLLER  |
| $\triangleright$   | DATA PORT  |
|  | FLOOR PEDESTAL DATA PORT   |
| 4  | VOICE (PHONE) PORT: CENTREX LAND LINE  |
| КР   | KEY PAD/DISPLAY - SECURITY   |
| CR   | CARD READER TO KEYPAD - SECURITY   |
| PNL "X"  | ELECTRICAL PANEL   |
| Ť  | THERMOSTAT   |
| ♦  | COAXIAL CABLE (TV)   |
| +⊅ <b>тсв</b>  | TRAFFIC CONTROL BUTTON   |
| Øп   | HEAT DETECTOR, FIXED TEMP (135°F), CEILING FLUSH/SURFACE MOUNT (NEW)   |
| €PE/CO   | COMBINATION SMOKE/CARBON MONOXIDE DETECTOR, PHOTOELECTRIC, 120V, INTERCONNECT WITH ALL EXISTING ON MAIN FLOOR TO NEW BASEMENT DETECTORS. (NEW) |
| STN-A  | STATION ALERTING SYSTEM  |
| STN-A  | STATION ALERTING SYSTEM CABINET  |
| D:-SA  | STATION ALERTING SYSTEM, STROBE  |









| ELECTRICAL |   |  |  |  |
|------------|---|--|--|--|
| SHEET No:  | SHEET TITLE   |  |  |  |
| E1         | ELECTRICAL: ABBREVIATIONS, LEGENDS, SCHEDULES                               |  |  |  |
| E2         | BASEMENT FLOOR PLAN: ELECTRICAL DEMOLITION; POWER AND SYSTEMS               |  |  |  |
| E3         | BASEMENT FLOOR PLAN: ELECTRICAL RENOVATION; POWER AND SYSTEMS               |  |  |  |
| E4         | MAIN FLOOR PLAN: ELECTRICAL RENOVATION; POWER AND SYSTEMS                   |  |  |  |
| E5         | ELECTRICAL PANEL SCHEDULES - EXISTING AND RENOVATION                        |  |  |  |
| E6         | ELECTRICAL PANEL SCHEDULES - EXISTING                                       |  |  |  |
| E7         | ELECTRICAL PANEL SCHEDULES - RENOVATION                                     |  |  |  |
| E8         | ELECTRICAL - SINGLE LINE DIAGRAM - RENOVATION                               |  |  |  |
| E9         | ELECTRICAL SPECIFICATIONS   |  |  |  |
|            |   |  |  |  |
|            | SPECIFICATION: POWER GENERATION DIESEL (IN TENDER, PART E - SPECIFICATIONS) |  |  |  |

## GENERAL NOTES:

- THIS DRAWING SHALL NOT BE SCALED. CONSULT WITH CONTRACT ADMINISTRATOR ON ANY CONCERNS.
- 2. "PROVIDE" IS DEFINED AS SUPPLY, INSTALL & CONFIGURE TO
  - FULLY FUNCTION.

    3. ALSO REFER TO OTHER ENGINEERING DISCIPLINE DRAWINGS &
  - SPECIFICATIONS.

    4. SUBMISSION OF SITE MARK-UPS, AS-BUILTS, OPERATING &
- MAINTENANCE MANUALS AND OTHER SUPPORTING DOCUMENTS TO CLIENT ARE MANDATORY AT THE COMPLETION OF THIS PROJECT AS PER ELECTRICAL SPECIFICATION.
- 5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VISIT THE SITE AND ENSURE ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE REVIEWED & ACCEPTABLE.
- 6. THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL OTHER ENGINEERING DOCUMENTS/ DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, CEILINGS NOT SHOWN ON DRAWINGS.
- 7. ALL OPENINGS THROUGH FIRE ASSEMBLIES INCLUDING WALLS, FLOORS AND CEILINGS SHALL BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE FIRE SEPARATION INTEGRITY AND PROVIDE A SMOKE-TIGHT BARRIER PER CODE.
- 8. ALL PRODUCTS, MATERIALS USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS, APPLICABLE CODES AND AUTHORITY HAVING JURISDICTION (AHJ).
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING PART OF THE RENOVATION WORK.
- 10. PROVIDE MISSING &/OR NEW LABELS ON ALL NEW/EXSITING SWITCHES, PORTS & RECEPTACLES. LABELS TO MATCH EXISTING APPLICABLE SYSTEMS. IF CIRCUITS ARE MODIFIED, PANEL SCHEDULE SHALL BE RETYPED TO REFLECT AS-BUILT CONDITIONS & INSERTED TO INSIDE OF ASSOCIATED PANEL DOOR SLEEVE PROTECTOR. REFER TO ELECTRICAL SPECIFICATIONS FOR NEW EQUIPMENT IDENTIFICATION.
- 11. ALL ABANDONED (KNOWN & UNKNOWN) ELECTRICAL FIXTURES, COMPONENTS, RECEPTACLES & DATA CABLING SHALL BE REMOVED BACK TO SOURCE & TERMINATED PER APPLICABLE CODES
- 12. PRIOR TO CORING &/OR SAW CUTTING CONCRETE WALLS, CEILING &/OR FLOORS, CONCRETE SCAN (GPR) FOR REBARS, CONDUITS, WIRING & CABLES. REBARS SHALL NOT BE CUT. SUBMIT FINDINGS TO CONTRACT ADMINISTRATOR.

ASBESTOS MAYBE PRESENT BEHIND WALLS, CEILING SPACE & FLOORS. IF ASBESTOS & ANY HAZARDOUS MATERIAL IS FOUND, STOP WORK IMMEDIATELY & CONTACT CITY OF WINNIPEG, CENTRAL CONTROLS, PH: 204-986-2351.

| 0  | ISSUED FOR CONSTRUCTION | DTA | 09.11<br>2025 |
|----|-------------------------|-----|---------------|
| Α  | ISSUED FOR REVIEW       | DTA | 08.15<br>2025 |
| No | REVISION/DESCRIPTION    | BY  | DATE          |

SEAL



DATE DESIGN DRAWN CHECKED APPROVED BY: DTA BY: DTA BY: BY:



winnipeg

THE CITY OF WINNIPEG

ASSETS & PROJECT MANAGEMENT DEPARTMENT

MUNICIPAL ACCOMMODATIONS DIVISION

3-65 GARRY STREET, R3C 4K4

PROJECT

WINNIPEG FIRE PARAMEDIC SERVICES FIRE STATION 1

ELECTRICAL DISTRIBUTION UPGRADE AND GENSET
65 ELLEN STREET TENDER No: 802-2025

SHEET TITLE

ELECTRICAL

ABBREVIATIONS, LEGENDS, SCHEDULES

AS SHOWN 2024-070 **E1**