

The following revisions are herewith incorporated into the Tender Documents and shall be included in the Tender Price. Where a revision is called for in one drawing or section of the Specification, it shall be considered revised for all related drawings and sections of the Specification. This Addendum shall be returned with other Tender Documents at the time of submission.

This addendum (7 pages) shall form a part of and be included in the Contract Documents for the above titled project and no consideration will be entertained for extras to the Contract due to failure of the contractor to become thoroughly familiar with this addendum.

Signify that Addendum has been received by listing the Addendum number and date in the appropriate spaces on the Tender Form.

SPECIFICATIONS

.1 Section 00 21 13 – INSTRUCTIONS TO BIDDERS

.1 Revise article 1.15 TRADES, WAGES RATES AND SAFE WORKPLACE as follows:

- .1** The Bidder shall confirm that it is aware of and shall abide by all safety requirements, apprenticeship ratios, provincial labour laws and wage rates by completing the
“*Contractors Certification Form – Legislative and Safety Requirements*” and submitting the completed form with the Bid Submission.
- .2** For more information regarding the Government Wide Contract Policy – Legislative and Safety Requirements, please contact:
Phone: 204-945-0575 (local) or 1-866-332-5077 (toll free)
Email: capitalprojects@gov.mb.ca
Website: <http://www.gov.mb.ca/wd/contractpolicy>
- .3** The successful Bidder shall be responsible for ensuring that its subcontractors are compliant with the Government Wide Contract Policy – Legislative and Safety Requirements and shall retain all required records on file to be made available at the request of the Government of Manitoba.

.1 Section 23 80 10 – Air Distribution

- .1** Nailor is an acceptable “Grilles, Registers, and Diffusers” equal.
- .2** Nailor is an acceptable “Fire Damper” equal.

DRAWING REVISIONS

ELECTRICAL DRAWING REVISIONS

.1 E1-213 MAIN FLOOR PLAN - ROBLIN HC, PART C - ELECTRICAL

- .1 Revise reference view bubble for Electrical Room 128 and Telephone Room 129 from 4/E1-201 to 3/E1-201.
- .2 E1-302 ELECTRICAL SINGLE LINE DIAGRAM - CROCUS COURT AND ROBLIN HC - NEW CONSTRUCTION
 - .1 Refer to attached revised drawing for changes denoted by clouded area and triangle 1.
- .3 E2-221 ATTIC PLAN - RUSSELL HC, PART A- ELECTRICAL
 - .1 Remove key note reference bubble to Key Note #8.
- .4 E4-001 SITE PLAN - ROSSBURN PCH AND HC - ELECTRICAL
 - .1 Remove Key Note #4.
- .5 E4-111 ROSSBURN PCH AND HC - LAUNDRY ROOM, AMBULANCE GARAGE AND FIRE PUMP HOUSE - ELECTRICAL - DEMOLITION AND NEW CONSTRUCTION
 - .1 Revise Key Note #1 to the following:
PROVIDE ADDRESSABLE MONITORING MODULES FOR SUPERVISION OF
SPRINKLER FLOW AND TAMPER SWITCHES AS INDICATED.
- .6 E4-211 MAIN FLOOR PLAN - ROSSBURN HC, PART A - ELECTRICAL
 - .1 Refer to attached revised drawing for changes denoted by clouded area and triangle 1.
- .7 E4-212 MAIN FLOOR PLAN - ROSSBURN HC, PART B - ELECTRICAL
 - .1 Refer to attached revised drawing for changes denoted by clouded area and triangle 1.
- .8 E4-302 ELECTRICAL SINGLE LINE DIAGRAM - ROSSBURN PCH AND HC - NEW CONSTRUCTION
 - .1 Refer to attached revised drawing for changes denoted by clouded area and triangle 1.

GENERAL

QUESTION AND ANSWER:

- .1 Q: Roblin - What make is the Fire Alarm System?
A: Notifier 3030. Refer to Key Note #3 on drawing E1-213.
- .2 Q: Roblin - What make & breaker model number is required for existing panel MD-1?

A: Existing circuit breakers are FPE, series AB, 22kA IC at 600V. The new breaker to be provided by Square D, confirm allowable retrofit breaker type required to maintain CSA certification of FPE switchgear with Square D.

- .3 Q: Roblin - What make & model number is the existing Auto Transfer Switch?
A: Existing ATS is Thomson Technology type GCS, 600V, 100A
- .4 Q: Russell HC - What make & breaker model number is required for existing panel MD-2?
A: Existing circuit breakers are Westinghouse, HFB series, 65kA IC at 240V and Eaton, ED series, 65kA IC at 240V. The new breaker to be provided by Eaton, confirm allowable retrofit breaker type required to maintain CSA certification of Westinghouse switchgear with Eaton.
- .5 Q: Rossburn - What make & model number is the existing Auto Transfer Switch?
A: Existing ATS is ASCO.
- .6 Q: Rossburn - What make & model number is the existing cablebus we are connecting too?
A: There is no existing cablebus to connect to. A new cablebus between the new transformer TR-1 and existing Distribution A shall be provided. Existing service is connected to MD-2 via a splitter by J. R. Stephenson Ltd.
- .7 Q: Russell HC - The Cancer Care Community Centre and Hemodialysis Unit are marked as “*not included*” in the project drawings. However, based on the electrical single-line diagram E2-301, both buildings share the emergency distribution EMD-1 with Health Centre (HC). Additionally, as shown on M2-341, the fire protection water supply for these buildings will be fed from the HC fire pump as part of current project scope.

A: The IST shall be performed throughout the facility (Health Centre, Hemodialysis Unit and Cancer Care Community Centre).



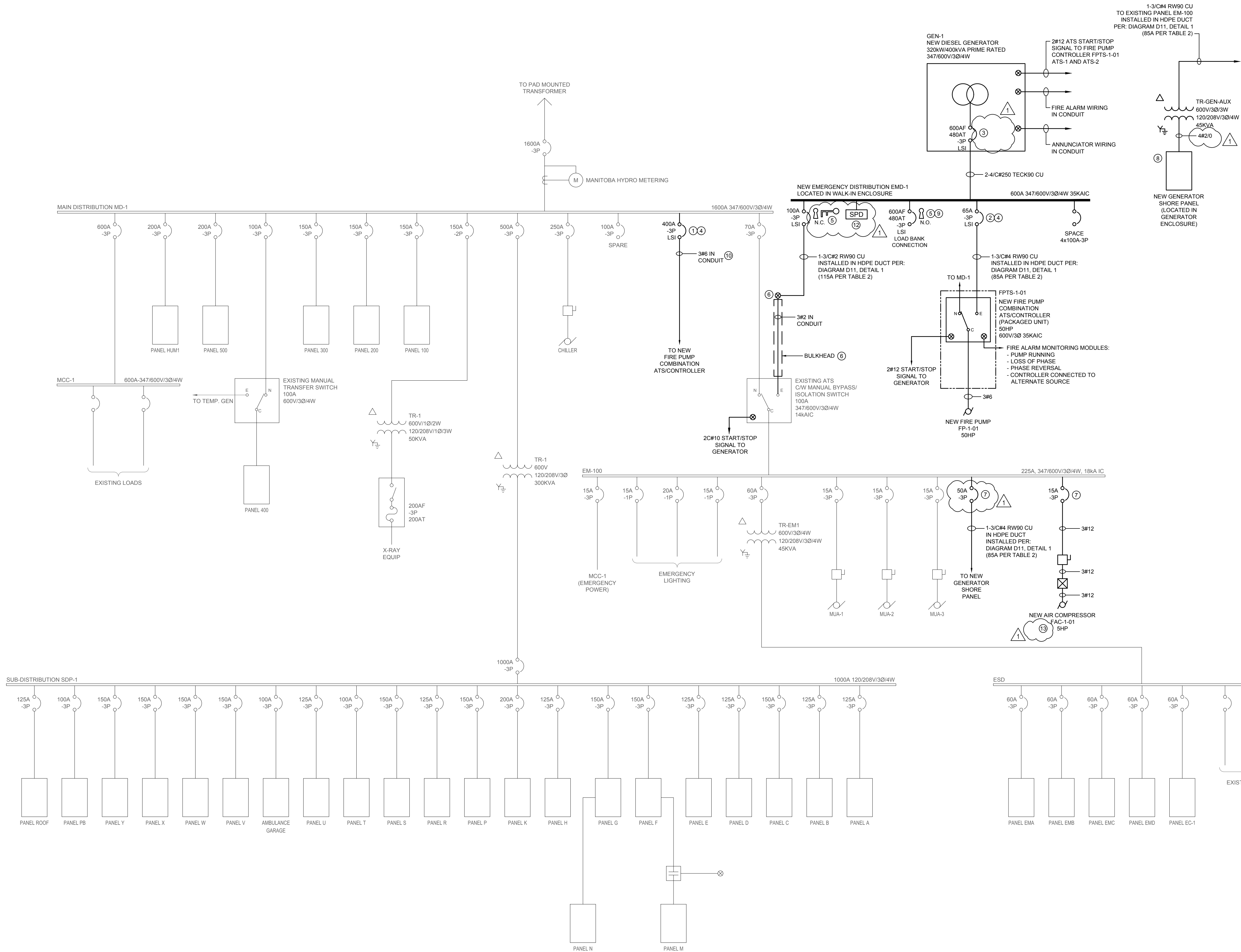
MECHANICAL
ENGINEER'S SEAL



ELECTRICAL
ENGINEER'S SEAL



FILE NAME AND PATH: G:\Projects\2023\01 - PLS to: Roblin Health Centre - Bldg 400 - Revs 4 - Elec\200110_E1-302_DWG.mxd
LAYOUT: E-302 LAST SAVED BY: amoskay DATE PLOTTED: August 1, 2023 10:52:11 AM



1 ELECTRICAL SINGLE LINE DIAGRAM - NEW CONSTRUCTION
E1-302 SCALE: NTS

GENERAL NOTES

- A. TYPICAL FEEDER DESIGNATION "3-3/0" DENOTES "3-3/0 RW90 PLUS #6 RW90 GREEN GROUND IN 50MM CONDUIT", UNLESS OTHERWISE INDICATED. GROUND CONDUCTORS FOR BONDING SHALL BE SIZED TO MEC TABLES 16 AND 17.
- B. ALL FEEDERS SHALL HAVE A SEPARATE INSULATED GROUND CONDUCTORS.
- C. ALL WIRE IN CONDUIT UNLESS NOTED OTHERWISE.
- D. PROVIDE NEW LAMACOIDS FOR NEW LOADS FED FROM EXISTING DISTRIBUTION. CONFIRM EXACT NAMES WITH OWNER.
- E. PROVIDE ARC FLASH, SHORT CIRCUIT, COORDINATION STUDY. ARC FLASH LABELS TO BE PROVIDED FOR ALL NEW DISTRIBUTION ADDED IN THIS PROJECT. REFER TO SPECIFICATION 26 05 00 FOR DETAILS.

KEY NOTES

- 1. NORMAL POWER FIRE PUMP FEEDER CIRCUIT BREAKER SHALL BE SIZED TO CARRY FIRE PUMPS LOCKED ROTOR AMPS INDEFINITELY IN ACCORDANCE WITH CEC AND NFPA 20. VERIFY EXACT FIRE PUMP LOCKED ROTOR AMPS WITH FIRE PUMP SUPPLIER AND REVISE CIRCUIT BREAKER ACCORDINGLY PRIOR TO ORDERING. LONG TIME PICK UP TO EXCEED OVERCURRENT PROTECTION (IF PROVIDED) IN FIRE PUMP CONTROLLER.
- 2. EMERGENCY POWER FIRE PUMP FEEDER CIRCUIT BREAKERS INSTANTANEOUS SETTING SHALL NOT EXCEED 20 TIMES FIRE PUMPS FLA IN ACCORDANCE WITH NFPA 20. SET SHORT TIME PICK UP TO ALLOW FIRE PUMP TO DELIVER LOCKED ROTOR AMPS FOR MAXIMUM 20 SECONDS. LONG TIME PICK UP TO EXCEED OVERCURRENT PROTECTION (IF PROVIDED) IN FIRE PUMP CONTROLLER.
- 3. PROVIDE BREAKER OPEN STATUS SIGNAL FOR MONITORING.
- 4. CIRCUIT BREAKER SHALL BE LOCKED IN CLOSED POSITION. PROVIDE LAMACOID LABEL TO IDENTIFY BREAKER AS "FIRE PUMP DISCONNECTING MEANS".
- 5. PROVIDE MECHANICAL KEY INTERLOCK BETWEEN EXISTING ATS AND LOAD BANK CIRCUIT BREAKERS. INTERLOCK SHALL PREVENT LOAD BANK BREAKER FROM CLOSING IF ATS BREAKER IS CLOSED.
- 6. NEW EMERGENCY POWER FEEDER SHALL RISE ABOVE GROUND AT BUILDING EXTERIOR AND SHALL PENETRATE THROUGH EXTERIOR WALL INTO NEW 2HR FIRE RATED BULKHEAD AS PROVIDED BY OTHERS. PROVIDE PULL BOX AT ENTRY POINT INTO BUILDING.
- 7. PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANEL EM-100 (WESTINGHOUSE TYPE NFD) OF TYPE AND SHORT CIRCUIT RATING TO MATCH EXISTING (CUTLER HAMMER SERIES C, TYPE FD, 18KAIC @ 600V).
- 8. SUPPLIED AND INSTALLED BY GENERATOR SUPPLIER. SHORE PANEL SHALL BE COMPLETE WITH 225A/3P MAIN CIRCUIT BREAKER. REFER TO DETAIL 1 ON DRAWING E1-401.
- 9. GENERATOR LOAD BANK CIRCUIT BREAKER SHALL BE C/W SHUNT TRIP. BREAKER TO TRIP ON UTILITY (NORMAL POWER) FAILURE. PROVIDE ALL NECESSARY DEVICES AND WIRING TO SUIT.
- 10. REFER TO DRAWINGS E1-201, E1-211 AND E1-213 FOR APPROXIMATE ROUTING AND FLOOR PENETRATION LOCATION OF NORMAL POWER FEEDER TO NEW FIRE PUMP CONTROLLER.
- 11. PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANEL ESD (WESTINGHOUSE TYPE NFA) OF TYPE AND SHORT CIRCUIT RATING TO MATCH EXISTING (TYPE BAB, 10KAIC @ 240V).
- 12. SIZED BY SPD SUPPLIER.
- 13. REFER TO ALTERNATE PRICE 1.2.

Consultant

1	ADDENDUM 03	AGS	28/07/25
0	ISSUED FOR CONSTRUCTION	AGS	30/06/25
ISSUE / REVISION	DESCRIPTION	BY	DDMMYY

ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
SMS Engineering Ltd.
No. 166

ORIGINAL
CONTRACT DRAWING
SIGNED AND SEALED BY
G. J. WHIFFEN, P. ENG
JUNE 30, 2025

Certificate Of Authorization

Engineer's Seal

Project Title
PROVINCIAL FIRE AND LIFE
SAFETY PROJECT - ROBLIN,
RUSSELL, AND ROSSBURN
SITES.
ROBLIN HEALTH CENTRE
AND CROCUS COURT
PERSONAL CARE HOME
ROBLIN MANITOBA

Drawing Title
ELECTRICAL SINGLE LINE
DIAGRAM - CROCUS COURT
AND ROBLIN HC - NEW
CONSTRUCTION

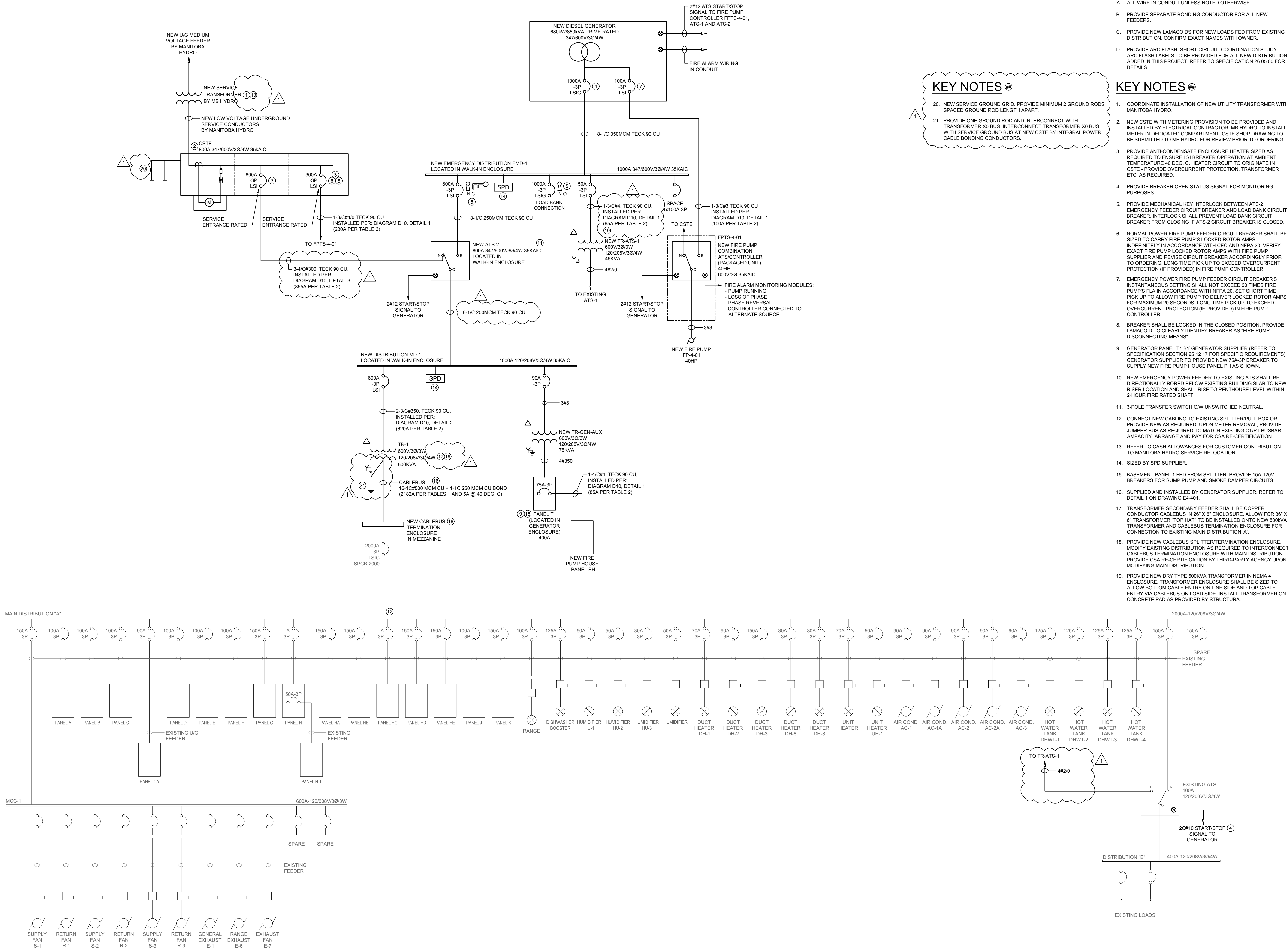
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Scale AS NOTED	Date JUNE 30, 2025	Project No. 23-001-10 / 23-001-11

Revision Number

Drawing Number

1 E1-302

FILE NAME AND PATH: G:\PROJECTS\2023\01- PFLS02- Rossburn PCH - 443.0 Civil_Renov 3.dwg, Rev 3.4, Elec 23.01.06, E4-302_DD_m.dwg
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1	ADDENDUM 03	AGS	28/07/25
0	ISSUED FOR CONSTRUCTION	AGS	30/06/25
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Project Title
**PROVINCIAL FIRE AND LIFE
SAFETY PROJECT - ROBLIN,
RUSSELL, AND ROSSBURN
SITES.**
**ROSSBURN PERSONAL
CARE HOME AND HEALTH
CENTRE**
ROSSBURN MANITOBA

Drawing Title
**ELECTRICAL SINGLE LINE
DIAGRAM - ROSSBURN
PCH AND HC - NEW
CONSTRUCTION**

Drawn By JB	Checked By AGS	Approved By GW
Scale AS NOTED	Date JUNE 30, 2025	Project No. 23-001-09

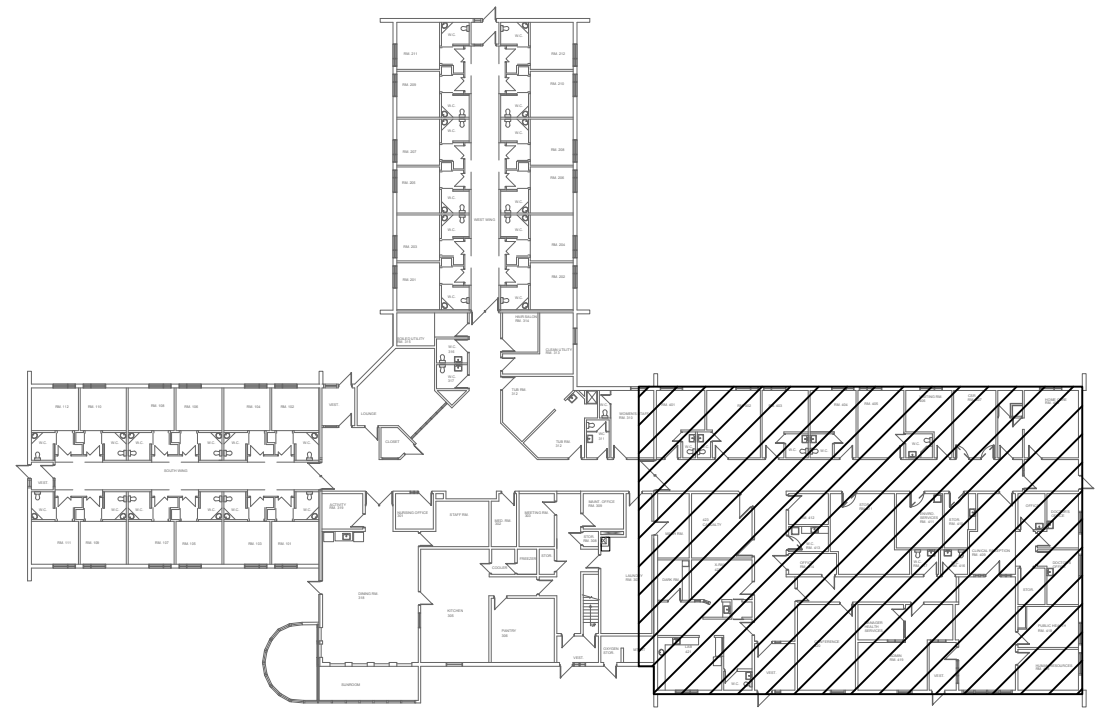
Revision Number

Drawing Number

1

E4-302

Sheet Order
9 OF 10



- A. THIS DRAWING IS A SCHEMATIC DRAWING ONLY. CONFIRM ALL INFORMATION AND DIMENSIONS ON SITE PRIOR TO CONSTRUCTION. RESOLVE ALL DISCREPANCIES BEFORE PERFORMING THE INSTALLATION.
- B. WHERE DISCREPANCIES APPEAR BETWEEN THE DRAWINGS AND SITE CONDITIONS, NOTIFY THE CONSULTANT PRIOR TO PERFORMING ANY WORK. WHERE MODIFICATIONS ARE REASONABLY INCIDENTAL, PERFORM WORK AT NO ADDITIONAL COST TO THE OWNER.
- C. NOTIFY FACILITY MANAGER OF ANY SERVICE INTERRUPTIONS AND COORDINATE WITH FACILITY TO CAUSE THE LEAST IMPACT TO BUILDING OPERATION.

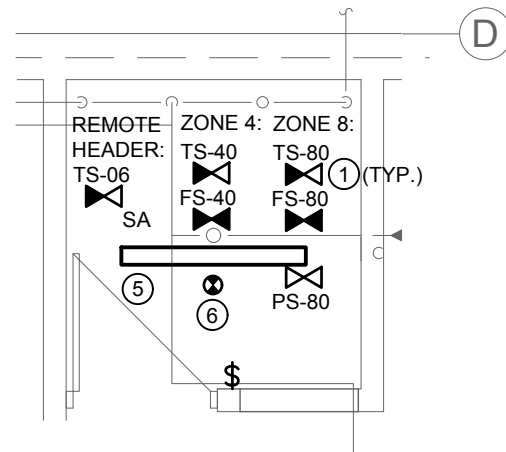
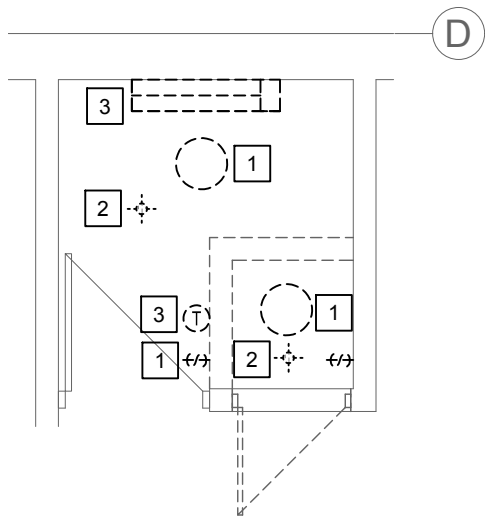
1. DEMOLISH EXISTING LUMINAIRES AND SWITCHES. RETAIN CIRCUITING FOR REUSE.
2. DEMOLISH EXISTING HEAT DETECTORS. RETAIN CIRCUITING FOR REUSE.
3. DEMOLISH EXISTING BASEBOARD HEATER AND LINE VOLTAGE THERMISTAT. DEMOLISH WIRING AND CONDUIT TO SOURCE. RETAIN FREED UP CIRCUIT BREAKER AS SPARE - UPDATE PANEL DIRECTORY.
4. EXISTING X-RAY EQUIPMENT SHALL BE DISCONNECTED FOR FUTURE REMOVAL. DEMOLISH FEEDER WITHIN BUILDING. IF ANY PORTION OF X-RAY SERVICE FEEDER IS ROUTED IN CONDUIT, REMOVE CABLING, CAP CONDUIT/DUCT AT ENTRY POINT INTO BUILDING AND ABANDON CONDUIT/DUCT. IF ANY PORTION OF X-RAY SERVICE FEEDER IS ROUTED DIRECTLY BURIED, MAKE SAFE AND ABANDON CABLING. PROVIDE TWO (2) LAMINACIO LABELS WITH WHITE LETTERS ON RED BACKGROUND, "X-RAY NOT IN SERVICE" AND APPLY TO X-RAY SERVICE BREAKER ENCLOSURE AND CONTROLLER.

1	ADDENDUM 03	AGS	28/07/25
0	ISSUED FOR CONSTRUCTION	GW	30/06/25
ISSUE / REVISION	DESCRIPTION	BY	DD/MM/YY

1. PROVIDE ADDRESSABLE MONITORING MODULES FOR SUPERVISION OF SPRINKLER FLOW, TAMPER AND PRESSURE SWITCHES AS INDICATED. PROVIDE SILENOING VALVE RELEASE MASTER WIRE AND CONNECT TO NEW CLASS 1 INITIATING LOOP IN EXISTING CONTROL PANEL ON MEZZANINE LEVEL.
2. PROVIDE NEW THREE-POSITION MASTER RESET/RELEASE KEY / SWITCH FOR CONTROL OF ALL EXISTING ELECTROMAGNETIC LOCKS IN BUILDING. INSTALL AT MAIN NURSING STATION. ENSURE RELEASE SIGNAL FROM FIRE ALARM SYSTEM IS LATCHING AND RESET/RELEASE OPERATION ONLY ON SWITCHING THE MASTER RESET/RELEASE SWITCH TO RESET POSITION - PROVIDE ANY HARDWARE AND/OR WIRING MODIFICATIONS TO ACCOMMODATE.
3. DISCONNECT AND TEMPORARILY REMOVE ELECTRICAL DEVICES, FIXTURES, EQUIPMENT, CONDUIT, ETC. AS REQUIRED TO ACCOMMODATE SPRINKLER PIPE INSTALLATION. RE-INSTALL OR REPAIR ELECTRICAL DEVICES ONLY ON SWITCHING THE MASTER SYSTEM INSTALLATION. REROUTE AND EXTEND EXISTING WIRING AS REQUIRED. REFER TO MECHANICAL DRAWINGS FOR EXACT ROUTING.
4. PROVIDE NEW SMOKE DETECTORS OF TYPE MATCHING EXISTING. INSTALL WITHIN 1500MM FROM EXISTING FIRE DOOR EQUIPPED WITH DOUBLE-OPEN DEVICES. WIRE TO EXISTING FIRE ALARM INITIATING CIRCUIT.
5. PROVIDE NEW LUMINAIRE AND SWITCH AS INDICATED. WIRE AND CONNECT TO EXISTING LIGHTING CIRCUIT IN ROOM.
6. PROVIDE NEW SMOKE DETECTOR OF TYPE MATCHING EXISTING WIRE AND CONNECT TO EXISTING INITIATING CIRCUIT IN ROOM.
7. NEW MAIN POWER FEEDER CABLES SHALL RISE UP EXTERIOR WALL INTO ATTIC SPACE WHERE INDICATED AND SHALL BE CONNECTED TO ATTACHED ELECTRICAL SERVICES IN ATTIC. REFER TO DRAWINGS E-42-21, E-42-22 AND E-43-02 FOR ROUTING AND FURTHER REQUIREMENTS.

10. DEMONSTRATE EXISTING FIRE ALARM PULL STATION. RETAIN EXISTING WIRING AND CONDUIT. VERIFY SYSTEM OPERATES AS DESIGNED. VERIFY PULL STATION COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. INSTALL WITHIN 0.5M FROM DOOR EQUIPPED WITH ELECTROMAGNETIC LOCK AT 1150MM AFF. WIRE AND CONNECT TO NEAREST INITIATION LOOP SERVING AREA WITH SPARE CAPACITY. EXTEND WIRING AND CONDUIT AS REQUIRED. NEW PULL STATION SHALL BE COMPLETE WITH INTEGRAL AUXILIARY CONTACT. WIRE AND CONNECT AUXILIARY CONTACT TO DE-ENERGIZE ELECTROMAGNETIC LOCK POWER WHEN PULL STATION IS ACTIVATED. VERIFY SYSTEM OPERATES COMPLETE.
11. PROVIDE NEW 2-STAGE PULL STATION COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. INSTALL WITHIN 0.5M FROM DOOR EQUIPPED WITH ELECTROMAGNETIC LOCK AT 1150MM AFF. WIRE AND CONNECT TO NEAREST INITIATION LOOP SERVING AREA WITH SPARE CAPACITY. EXTEND WIRING AND CONDUIT AS REQUIRED. NEW PULL STATION SHALL BE COMPLETE WITH INTEGRAL AUXILIARY CONTACT. WIRE AND CONNECT AUXILIARY CONTACT TO DE-ENERGIZE ELECTROMAGNETIC LOCK POWER WHEN PULL STATION IS ACTIVATED. VERIFY SYSTEM OPERATES COMPLETE.

E4-212 SCALE: 1:100



Consultant



Certificate Of Authorization



Engineer's Seal

Project Title
PROVINCIAL FIRE AND LIFE
SAFETY PROJECT - ROBLIN
RUSSELL, AND ROSSBURN
SITES.
ROSSBURN PERSONAL
CARE HOME AND HEALTH
CENTRE
ROSSBURN MANITOBA

Drawing Title
MAIN FLOOR PLAN -
ROSSBURN HC, PART B -
ELECTRICAL

Drawn By	Checked By	Approved By
JB	AGS	GW
Scale	Date	Project No.
AS NOTED	JUNE 30, 2025	23-001-09

Revision Number

Drawing Number

E4-212

Sheet Order
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