



ADDENDUM No.02

CAP24-037-RFP02

Quinte Health BGH – Phase 2 – Generator & Fuel System Replacement Project

July 24, 2026

1. Appendix A – Addenda 00 91 13 Addendum 2 Specifications and Drawings (attached)
 - Testing of Integrated Fire Protection and Life Safety Systems
 - Electrical
2. Appendix B – Addenda 00 91 13 Addendum ADD-02 Clarifications and Drawings (attached)
 - Existing Fuel Tank Recycling
 - Mechanical

End of Addendum No.02

ADDENDA
00 91 13

Addendum No.: 2

The information listed below is to form part of the Contract Documents. All associated costs are to be included in the Bid Price shown on the Bid Form. Acknowledgment of this Addendum, by number, is to be shown in the space provided on the Bid Form.

1 SPECIFICATION

1.1 01 75 11 Testing of Integrated Fire Protection and Life Safety Systems

- .1 Refer to new specification issued with this addendum.

2 DRAWINGS

2.1 Drawing E1-01 Electrical SLD (not re-issued)

- .1 Detail 4:

- .1 Provide a separate price to temporarily install owner supplied rental 4160-600V transformers in place of TX-G1 and TX-G2. Rental transformers to be disconnected when contractor provided transformers TX-G1 and TX-G2 are available on site. Contractor provided permanent transformers (TX-G1 and TX-G2) to be installed after rental transformers are disconnected. Include all required cable and conduit.

- .2 Detail 5:

- .1 Provide RWU90 cabling for new cabling within existing outdoor conduits. Contractor to remove water from existing outdoor conduits prior to pulling new cables.

2.2 Drawing E3-01 Electrical Power and Systems Plan

- .1 Revise note 1. Generator enclosures have been placed on pad. Contractor to anchor enclosures to pad and provide all required connections inside enclosure (generator power, shore power, fire alarm, controls). Refer to reissued drawing.
- .2 Revise note 5. Cables to run in 800mm W stainless steel cable tray. Refer to reissued drawing.

2.3 Drawing E9-01 Electrical Demolition Plan (not re-issued)

- .1 Revise note 1: 1. EXISTING GENERATORS G-1 AND G-2 TO BE **DECOMMISSIONED**. REMOVE ALL POWER AND CONTROL CABLING BETWEEN GENERATORS AND EXISTING SWITCHBOARD. **DECOMMISSIONED GENERATORS TO REMAIN IN EXISTING GENERATOR ROOM AND BE REMOVED AS PART OF FUTURE WORK.**

End of Section

TESTING OF INTEGRATED FIRE PROTECTION AND LIFE SAFETY SYSTEMS

01 75 11

1 GENERAL

1.1 Scope

- .1 Provide testing of integrated fire protection and life safety systems and related equipment in accordance with CAN/ULC-S1001 except as modified in accordance with this specification section.
- .2 This specification is limited to testing of the interconnections between life safety and/or fire protection systems. Refer to separate technical specification sections for the individual testing and commissioning requirements for those systems.

1.2 Related Sections

- .1 Without limiting the scope of work or applicability of other specification sections, the work under this section directly integrates with or refers to the following specification sections:
 - .1 01 91 15 General Commissioning Requirements

1.3 Definitions and Abbreviations

- .1 The following definitions apply to this section.
 - .1 **Integrated testing coordinator*** – The person, firm, corporation, or organization responsible for the development and implementation of the integrated testing plan. Where a firm, corporation, or organization is responsible for integrated fire protection and life safety systems testing, a representative of that firm, corporation, or organization shall be designated as the integrated testing coordinator. (*as defined in CAN/ULC-S1001)
 - .2 **Integrated test plan*** – A written specific document, prepared by the ITC, outlining the required tests and necessary functional results to conduct integrated fire protection and life safety systems testing. (*as defined in CAN/ULC-S1001).
- .2 Abbreviations:
 - .1 **ITC** – Integrated testing coordinator.
 - .2 **FPLS** – Fire protection and life safety systems.

1.4 Applicable Codes and Standards

- .1 Installation codes and standards:
 - .1 CAN/ULC-S1001 Integrated Systems Testing of Fire Protection and Life Safety Systems

1.5 Qualified Tradesperson

- .1 Work to be performed by qualified, licensed and recognized firm with an established reputation in this field, using tradesperson holding applicable certificates of competency. The firm and its employees providing the ITC services shall:
 - .1 be certified under the ULC-S1001 Certification of Integrated Testing Service Providers program, and
 - .2 the work for such services shall be performed or be supervised by a licensed professional engineer licensed authorized to provide engineering services to the public in the place of the Work.

1.6 Submittals

- .1 Submit the integrated test plan for review by the Consultant at least thirty (30) days prior to commencement of the first system integration test. The integrated test plan shall comply with the requirements of ULC-S1001 and as specified herein.
- .2 Final ITC reports are to be authenticated in accordance with the professional engineering association requirements applicable to the place of the work.
- .3 The ITC shall complete and supply to the Consultant any required schedules or letters of conformity required by the applicable building code at the place of the Work, attesting to the completion of the satisfactory testing of integrated fire protection and life safety system program.

2 PRODUCTS

- .1 Not used.

3 EXECUTION

3.1 General Requirements

- .1 Notwithstanding the preface to CAN/ULC-S1001, be responsible for the procurement, including selection, payment and management, of the ITC company or personnel. ITC personnel may be a direct employee of the General Contractor or Construction Manager as applicable.
- .2 Include all labor and material as required to manage, develop and implement the integrated fire protection and life safety testing process.
- .3 Coordinate and jointly prepare with the applicable trade contractors whose equipment or systems are subject to the testing under this specification section, to conduct complete and thorough testing and documentation of the systems interface and integration between various FPLS systems provided under those Divisions.
- .4 The applicable Divisions of the Work that are subject to the FPLS integration testing are:
 - .1 Division 23 Smoke dampers, motorized fire dampers, smoke control and smoke venting equipment, fuel gas and liquid fuel safety interlocks, fuel systems for emergency generators, fire or explosion risk reduction control systems, freeze protection systems (for water-based fire protection piping)
 - .2 Division 26 Emergency power distribution systems, emergency lighting control systems
 - .3 Division 28 Fire alarm systems, smoke alarm systems, security systems, notification systems, door hold-open devices, magnetic door lock devices, hazardous protection monitoring
- .5 The testing requirements specified under this section are the minimum required for the purpose of obtaining an occupancy permit, and the successful completion of this testing program is a condition precedent for obtaining substantial performance/completion of the Work.
- .6 Where the project includes a commissioning program, the testing requirements under this specification section may be incorporated into the commissioning program, subject to meeting the preceding requirements concerning occupancy permit and substantial performance/completion of the Work.

3.2 Integrated Test Plan - Development

- .1 Develop the integrated test plan as described in section 5 of CAN/ULC-S1001, including but not limited to the following elements:

- .1 coordinate with and obtain from the applicable Consultants the required information concerning the design performance criteria for the integration of FPLS equipment and systems, including
 - (a) building floor plans,
 - (b) control sequences between separate systems,
 - (c) mechanical and electrical riser diagrams (if applicable),
- .2 obtain manufacturer's operating and testing instructions from the applicable trade contractors,
- .3 obtain any applicable alternate solutions to prescribed requirements of Code and Standards, from the applicable Consultant.
- .2 Prepare the integrated testing plan, which is to include, but is not limited to, the following elements:
 - .1 the functional objectives of the various system integrations,
 - .2 the sequence of operation of the integration elements of the FPLS systems including;
 - (a) operation under normal operating conditions,
 - (b) operation under fire conditions,
 - .3 a procedure for notifying occupants of integrated systems testing,
 - .4 safety management procedures, such as safety protocols and notifications, for ensuring occupant and worker safety during integrated system testing,
 - .5 where a building is to be tested in phases, additional procedure requirements for
 - (a) testing of each area in the building, with consideration that such areas will need to be tested at different points in time to support staged occupancy permits, and
 - (b) testing of the entire building once all stage areas are completed, including if any or all areas are concurrently occupied for any final testing.
- .3 Include as appendices or as a separate volume, the test procedure for each system-to-system integration test. Organize the test procedures into separate sections for each system-to-system integration test.
- .4 Include in the test plan a workflow diagram that illustrates dependencies between systems, to clearly identify predecessor and successor relationships between the various systems.
- .5 Include a testing schedule that coordinates and integrates with the overall construction schedule, identifying key dates where other parties may participate in witnessing any of the tests.
- .6 Submit a completed draft of the test plan for review by the Consultant(s). After review by the Consultant(s) and any required modifications made to the test plan, provide a revised draft of the test plan to the applicable authority having jurisdiction (as a minimum, this is the building department and the fire department).
- .7 Where revisions are made to the design of FPLS equipment or systems that impact the integration of those systems, update the integrated test plan and submit to the Consultant for review prior to its use.

3.3 Test Procedures

- .1 At a minimum, develop test procedures and test forms in accordance with the requirements of section 6 and section 7 of CAN/ULC-S1001 and as specified herein or as specified in technical Division specifications.
- .2 Test procedures shall test the functional operation of the device or system, except simulation may be used tests would;
 - .1 involve activation of non-resettable devices to demonstrate the integration functions,
 - .2 result in harm to persons or damage to a device, system or a building.

- .3 Where acceptance testing of two or more FPLS systems include verifying of the integration between those systems in accordance with required codes and standards (such as between a fire alarm system and a sprinkler or standpipe system), then documented test reports demonstrating the efficacy of such integration will be considered as meeting the requirements of this specification section, subject to approval by the Consultant.

3.4 Integrated Test Plan - Implementation

- .1 Implement the FPLS integrated testing program in accordance with section 6 and section 7 of CAN/ULC-S1001 requirements. Before commencing any test, obtain the required documentation regarding completed installation verification, acceptance testing, notifications, and any applicable authority inspections of individual FPLS equipment and systems.
- .2 Provide notification of the testing schedule to the applicable authorities having jurisdiction and invite their participation in any test.
- .3 Provide any temporary installation measures, including wiring-jumpers, control open-circuits, or other temporary measures required for any test. If temporary measures are used, create a log report identifying each temporary measure, and the date they were installed, and for which integration test they are provided.
- .4 If, during testing, there is a defect or failure of the integration element, correct the defect and retest the affected integration element or system. Record on the test report forms the occurrence of the defect, the date and how the defect was corrected, and re-test date.
- .5 After the successful completion of integrated FPLS testing, return all systems to their normal operating state. If temporary measures were used, remove all such devices and return the system to their normal operating condition. Update the temporary measure log report to include date the temporary devices were removed, and include this log report in the final test report.

3.5 Final Test Results Report

- .1 Upon successful completion of the integrated FPLS systems testing, submit a final test report in accordance with section 7 of CAN/ULC-S1001, including
 - .1 the integrated testing plan,
 - .2 initial integration testing forms, filled-in with test results,
 - .3 re-test integration testing forms (if required), and
 - .4 supporting pre-integration testing verification documentation of applicable systems.
- .2 Submit copies of the final report as follows:
 - .1 one (1) hard-copy to each applicable authority having jurisdiction,
 - .2 one (1) hard-copy and one (1) PDF copy to the Consultant,
 - .3 two (2) hard-copies and two (2) PDF copies on separate portable media devices to the Owner.
- .3 In addition, provide one copy of the test plan and test procedures, unmarked, in PDF format to the Owner. Ownership and copyright of the unmarked test plan and procedures shall remain vested with the author of those documents; provide the Owner with a non-exclusive, transferrable, royalty-free license to reproduce and use these documents for the sole purpose of allowing the Owner to retest these systems in the future.

3.6 Requirement for Occupancy, Ready-for-Takeover and Substantial Completion

- .1 Completion of the final test report and submittal to the Owner, Consultant and Authorities Having Jurisdiction is a condition precedent for determination of the Work being ready for occupancy, ready-for-takeover or substantial completion, whichever event occurs first.

3.7 Demonstration and Training

- .1 Demonstrate the operation of, and providing training on, the integration of FPLS systems to the Owners operations staff in accordance with the requirements of Division 1, the applicable technical specification sections, and as follows:
 - .1 the function of the integration,
 - .2 the method of integration – hardwired, network communication, operating protocols,
 - .3 the type of information – data, commands, monitoring,
 - .4 any temporary measures to be taken to retest in the future.
- .2 Document this training information and provide two (2) copies in PDF format on two separate removable media devices.

3.8 Schedules

- .1 Schedule A – General Requirements for Testing Procedures.

4 SCHEDULE A

SUMMARY OF FPLS SYSTEM INTEGRATION

4.1 General

.1 This Schedule A summarizes the integration between various FPLS systems applicable to the project.

Originating System		Receiving System		
ULC-S1001 Section	Originating System	ULC-S1001 Section	Receiving System	Function
6.5	Emergency Generators	6.2	Fire Alarm	Generator trouble and alarm conditions
6.5	Emergency Generators	6.4	Elevators	Pre-transfer signal to elevator controllers
6.5	Emergency Generators	6.6	Emergency Lighting	Emergency lights are functional on loss of power
6.5	Emergency Generators	6.10	Fire Pumps	Emergency power transfers to fire pumps

Notes:

[1] Separate integration testing is not required where such testing is included as part of fire alarm verification in accordance with CAN/ULC-S537 Verification of Fire Alarm Systems

END OF SCHEDULE "A"

End of Section

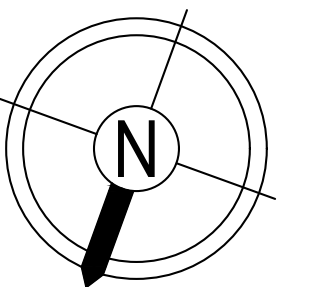
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1	2026-07-20	ISSUED FOR ADDENDUM E-1
NO.	DATE (YYYY-MM-DD)	DESCRIPTION
DRAWING REVISIONS		

08	2026-04-24	ISSUED FOR TENDER - PHASE 2
07	2026-02-23	ISSUED FOR PHASE 1 CONSTRUCTION
06	2026-02-23	RE-ISSUED FOR BUILDING PERMIT
05	2025-11-07	ISSUED FOR PERMIT AND PHASE 1 TENDER
04	2025-10-14	ISSUED FOR PHASE 1 TENDER
03	2025-09-26	ISSUED FOR FINAL REVIEW
02	2025-07-09	ISSUED FOR ESA PLAN REVIEW
01	2025-06-18	ISSUED FOR OWNER'S REVIEW
NO.	DATE (YYYY-MM-DD)	DESCRIPTION
DRAWING ISSUE		

KEYPLAN:

NORTH:



AL:

PROJECT:
QUINTE HEALTH BELLEVILLE
GENERAL HOSPITAL GENERATOR
REPLACEMENT - PHASE 2

HHA PROJECT NUMBER: 2230693

DRAWING TITLE:
**ELECTRICAL POWER AND
SYSTEMS PLAN**

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E3-01



GENERAL NOTES

(NOTES AND NUMBERING BELOW PERTAINS TO THIS DRAWING ONLY.)

1. RP-G01 AND RP-G02 CIRCUITS ARE DIAGRAMMATIC ONLY. UTILIZE AVAILABLE CIRCUITS IN PANEL. PROVIDE ALL REQUIRED BREAKERS.
2. EXISTING GENERATOR I/O BOARDS TO BE UPGRADED. CONTRACTOR TO COORDINATE WITH PRITCHARD FOR I/O BOARD UPGRADE. CONTRACTOR TO ALSO COORDINATE WITH PRITCHARD FOR RE-PROGRAMMING OF GENERATOR PROFILES FOR INDEPENDENT INDIVIDUAL OPERATION (NOT PARALLELED). PROVIDE ALL REQUIRED CABLE. CONDUIT AS REQUIRED BY PRITCHARD.
3. ALL DIMENSIONS SHOWN ARE IN MM
4. ALLOW FOR AN ADDITIONAL 3 15A-1P BREAKERS IN EACH GENERATOR DISTRIBUTION PANEL INCLUDING WIRE, CONDUIT AND TERMINATION TO MISCELLANEOUS LOADS IN GENERATOR ENCLOSURES.

 DRAWING NO

(NOTES AND NUMBERING BELOW PERTAINS TO THIS DRAWING ONLY.)

- ANCHOR GENERATOR ENCLOSURES TO CONCRETE FLOOR.
- PROVIDE DETECTOR WITH DETECTORS THAT COME EQUIPPED WITH GENERATOR ENCLOSURE WITH NEW DETECTORS TO MATCH HOSPITAL STANDARD. WIRE BACK TO FIRE ALARM PANEL IN BOILER PLANT. COORDINATE EXACT PLACEMENT OF FIRE ALARM DEVICES ON SITE.
3. GAS DETECTOR TO COME WITH GENERATOR ENCLOSURE. PROVIDE CONNECTION BACK TO FIRE ALARM PANEL. IN BOILER PLANT.
4. EXISTING DETECTED BURIED 4100V CABLES. CABLES TO RUN MIN. 750MM FROM CONCRETE.
PROVIDE 800MM X IN STAINLESS STEEL CABLE TRAY COMPLETE WITH STRUCTURAL SUPPORTS MOUNTED TO CONCRETE FOR 800V FEEDS FROM TRANSFORMERS TO BOILER HOUSE AND ALL LOW VOLTAGE FEEDS ASSOCIATED WITH GENERATOR.
5. FEEDS TO BESEAL OFF WITH GENERATOR PANEL AND GROUND LOCATION ON SITE.
6. RESERVED
7. OPENING IN GENERATOR ENCLOSURE BASE FOR MAIN POWER CONNECTION
8. PROVIDE 100A FEED FROM TX-EN01 AND TX-EN02 IN BOILER HOUSE TO 100A DISTRIBUTION PANELS RP-G01 AND RP-G02 IN GENERATOR ENCLOSURES. PANEL PROVIDED BY OTHERS. COORDINATE ON EXACT LOCATION OF PANELS.
9. PROVIDE MAIN POWER CORES IN EXISTING BOILER HOUSE WALL FOR CABLE ENTRY INTO EXISTING BASEMENT GENERATOR ROOM.
10. AUXILIARY SUPPLY TANK CONTROL PANEL. COORDINATE LOCATION WITH MECHANICAL. PROVIDE 15A-1P BREAKER IN RP-G01 AND RP-G02.
11. LEVEL TRANSFORMERSWITCH ON SUB BASE PANEL. COORDINATE LOCATION WITH MECHANICAL. PROVIDE 15A-1P BREAKER IN RP-G01 AND RP-G02.
12. OVERVOLT LEVEL ALARM SYSTEM. PROVIDE 15A-1P BREAKER IN RP-G02
13. LEVEL TRANSFORMERSWITCH ON MAIN SUPPLY TANK. PROVIDE 15A-1P BREAKER IN RP-G02.
14. F22 TRANSFORMER HEATERS. PROVIDE 15A-1P BREAKER IN RP-G01 AND RP-G02.
15. AIR COMPRESSOR ACS-101/ACS-102. PROVIDE 15A-1P BREAKER IN RP-G01 AND RP-G02.
16. UREA CONTROL PANEL RP-100DS-100. PROVIDE 15A-1P BREAKER IN RP-G01 AND RP-G02.
17. CDC SYSTEM UNIT. PROVIDE 15A-1P BREAKER IN RP-G01 AND RP-G02.
18. EMERGENCY BATTERY UNIT. PROVIDE 15A-1P BREAKER IN RP-G01 AND RP-G02.
19. PROVIDE DATA DROP FOR BAS CONNECTION. COORDINATE WITH MECHANICAL. FOR EXACT LOCATION ASSUME 75M TO NEAREST SWITCH.
20. DROP TO PUMP PLUMB AND P24B.
21. FOR PUMP CONTROL PANELS DPCP-1 AND DPCP-2 PROVIDE SEPARATE FEED FROM EACH JUNCTION BOX TO EACH DPCP (TWO FEEDS PER DPCP).
22. PROVIDE DATA DROPS FOR BAS CONNECTION ASSUME 60M TO THE NEAREST SWITCH.
23. LEVEL SENSOR LITS-RD. PROVIDE 15A-1P BREAKER IN RP-G01 AND RP-G02.

**ADDENDA
00 91 13**

Addendum No.: ADD-02

The information listed below is to form part of the Contract Documents. All associated costs are to be included in the Bid Price shown on the Bid Form. Acknowledgment of this Addendum, by number, is to be shown in the space provided on the Bid Form.

1 CLARIFICATIONS

1.1 Existing Fuel Tank Recycling

- .1 Recycle fuel from existing main tank (13,600 L) and day tank (1,140 L) into the new main supply tank (75,000 L). Refer to Specification 23 11 05 for details.
- .2 Account for recycling of the full tank capacities to the new tank.

2 DRAWINGS

2.1 Drawing M3-01 – Mechanical Plan – New Work (Re-issued)

- .1 Landscape near new fuel tank clarified.

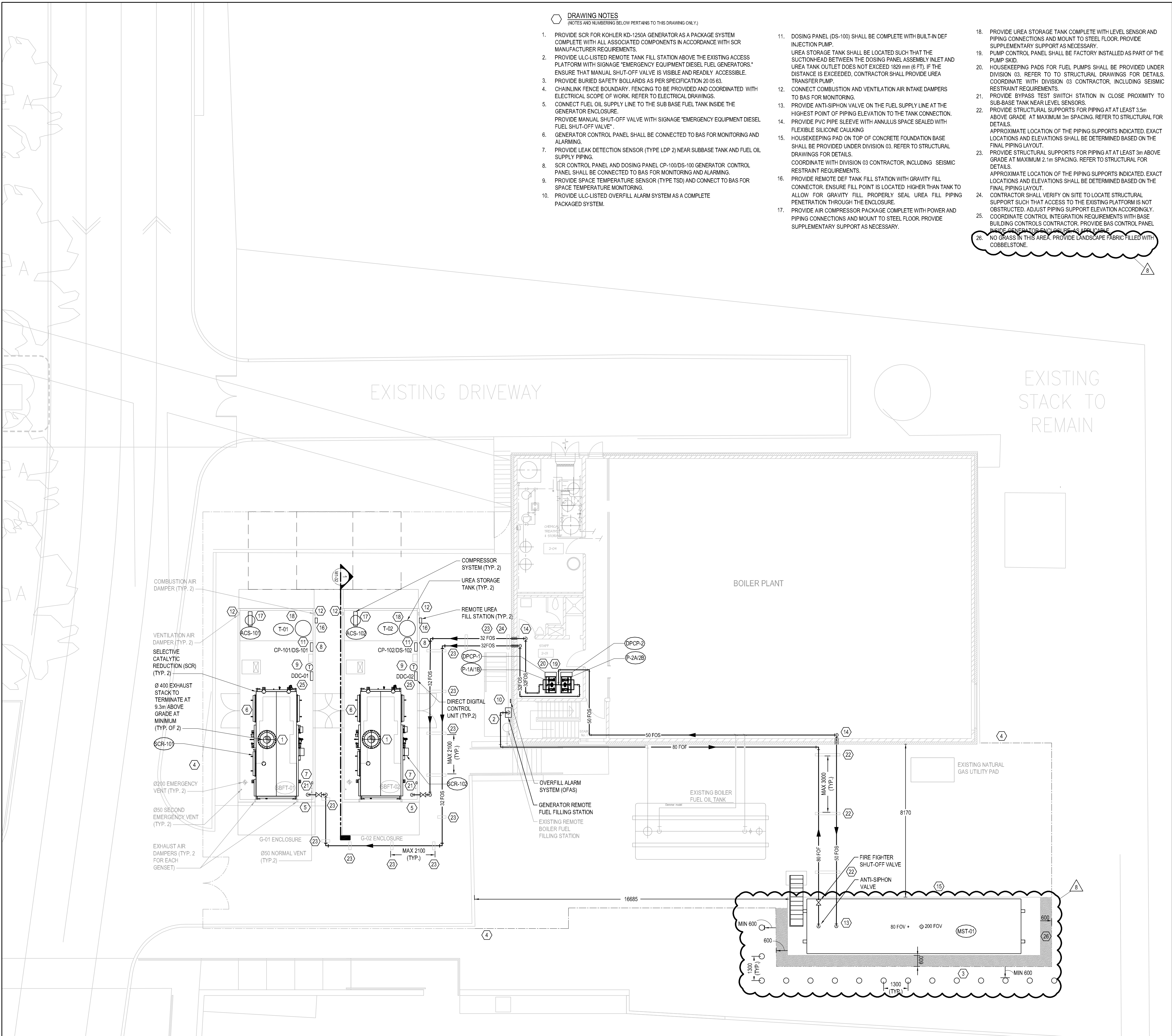
2.2 Drawing M9-01 – Mechanical Demolition Sheet-1 (Re-issued)

- .1 Demolition scope clarified.

2.3 Drawing M9-02 – Mechanical Demolition Sheet-2 (New issue)

- .1 Demolition scope clarified.

End of Section



DRAWING NOTES
(NOTES AND NUMBERING BELOW PERTAINS TO THIS DRAWING ONLY.)

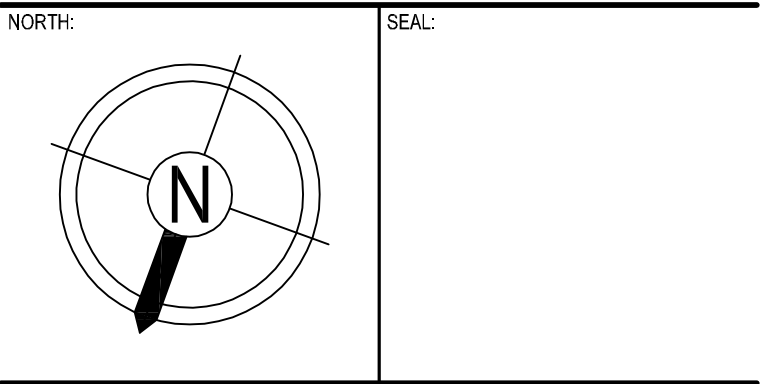
1. PROVIDE SCR FOR KOHLER KD-1250A GENERATOR AS A PACKAGE SYSTEM COMPLETE WITH ALL ASSOCIATED COMPONENTS IN ACCORDANCE WITH SCR MANUFACTURER REQUIREMENTS.
2. PROVIDE ULC-LISTED REMOTE TANK FILL STATION ABOVE THE EXISTING ACCESS PLATFORM WITH SIGNAGE "EMERGENCY EQUIPMENT DIESEL FUEL GENERATORS." ENSURE THAT MANUAL SHUT-OFF VALVE IS VISIBLE AND READILY ACCESSIBLE.
3. PROVIDE BURIED SAFETY BOLLARDS AS PER SPECIFICATION 20.05.63.
4. CHAINLINK FENCE BOUNDARY. FENCING TO BE PROVIDED AND COORDINATED WITH ELECTRICAL SCOPE OF WORK. REFER TO ELECTRICAL DRAWINGS.
5. CONNECT FUEL OIL SUPPLY LINE TO THE SUB BASE FUEL TANK INSIDE THE GENERATOR ENCLOSURE.
PROVIDE MANUAL SHUT-OFF VALVE WITH SIGNAGE "EMERGENCY EQUIPMENT DIESEL FUEL SHUT-OFF VALVE".
6. GENERATOR CONTROL PANEL SHALL BE CONNECTED TO BAS FOR MONITORING AND ALARMING.
7. PROVIDE LEAK DETECTION SENSOR (TYPE LDP 2) NEAR SUBBASE TANK AND FUEL OIL SUPPLY PIPING.
8. SCR CONTROL PANEL AND DOSING PANEL CP-100/DS-100 GENERATOR CONTROL PANEL SHALL BE CONNECTED TO BAS FOR MONITORING AND ALARMING.
9. PROVIDE SPACE TEMPERATURE SENSOR (TYPE TSD) AND CONNECT TO BAS FOR SPACE TEMPERATURE MONITORING.
10. PROVIDE ULC-LISTED OVERFILL ALARM SYSTEM AS A COMPLETE PACKAGED SYSTEM.
11. DOSING PANEL (DS-100) SHALL BE COMPLETE WITH BUILT-IN DEF INJECTION PUMP.
UREA STORAGE TANK SHALL BE LOCATED SUCH THAT THE SUCTION HEAD BETWEEN THE DOSING PANEL ASSEMBLY INLET AND UREA TANK OUTLET DOES NOT EXCEED 1829 mm (6 FT). IF THE DISTANCE IS EXCEEDED, CONTRACTOR SHALL PROVIDE UREA TRANSFER PUMP.
12. CONNECT COMBUSTION AND VENTILATION AIR INTAKE DAMPERS TO BAS FOR MONITORING.
13. PROVIDE ANTI-SIPHON VALVE ON THE FUEL SUPPLY LINE AT THE HIGHEST POINT OF PIPING ELEVATION TO THE TANK CONNECTION.
14. PROVIDE PVC PIPE SLEEVE WITH ANNULUS SPACE SEALED WITH FLEXIBLE SILICONE CAULKING
15. HOUSEKEEPING PAD ON TOP OF CONCRETE FOUNDATION BASE SHALL BE PROVIDED UNDER DIVISION 03. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
16. COORDINATE WITH DIVISION 03 CONTRACTOR, INCLUDING SEISMIC RESTRAINT REQUIREMENTS.
PROVIDE REMOTE DEF TANK FILL STATION WITH GRAVITY FILL CONNECTOR. ENSURE FILL POINT IS LOCATED HIGHER THAN TANK TO ALLOW FOR GRAVITY FILL. PROPERLY SEAL UREA FILL PIPING PENETRATION THROUGH THE ENCLOSURE.
17. PROVIDE AIR COMPRESSOR PACKAGE COMPLETE WITH POWER AND PIPING CONNECTIONS AND MOUNT TO STEEL FLOOR. PROVIDE SUPPLEMENTARY SUPPORT AS NECESSARY.
18. PROVIDE UREA STORAGE TANK COMPLETE WITH LEVEL SENSOR AND PIPING CONNECTIONS AND MOUNT TO STEEL FLOOR. PROVIDE SUPPLEMENTARY SUPPORT AS NECESSARY.
19. PUMP CONTROL PANEL SHALL BE FACTORY INSTALLED AS PART OF THE PUMP SKID.
20. HOUSEKEEPING PADS FOR FUEL PUMPS SHALL BE PROVIDED UNDER DIVISION 03. REFER TO TO STRUCTURAL DRAWINGS FOR DETAILS. COORDINATE WITH DIVISION 03 CONTRACTOR, INCLUDING SEISMIC RESTRAINT REQUIREMENTS.
21. PROVIDE BYPASS TEST SWITCH STATION IN CLOSE PROXIMITY TO SUB-BASE TANK NEAR LEVEL SENSORS.
22. PROVIDE STRUCTURAL SUPPORTS FOR PIPING AT AT LEAST 3.5m ABOVE GRADE AT MAXIMUM 3m SPACING. REFER TO STRUCTURAL FOR DETAILS.
APPROXIMATE LOCATION OF THE PIPING SUPPORTS INDICATED. EXACT LOCATIONS AND ELEVATIONS SHALL BE DETERMINED BASED ON THE FINAL PIPING LAYOUT.
23. PROVIDE STRUCTURAL SUPPORTS FOR PIPING AT AT LEAST 3m ABOVE GRADE AT MAXIMUM 2.1m SPACING. REFER TO STRUCTURAL FOR DETAILS.
APPROXIMATE LOCATION OF THE PIPING SUPPORTS INDICATED. EXACT LOCATIONS AND ELEVATIONS SHALL BE DETERMINED BASED ON THE FINAL PIPING LAYOUT.
24. CONTRACTOR SHALL VERIFY ON SITE TO LOCATE STRUCTURAL SUPPORT SUCH THAT ACCESS TO THE EXISTING PLATFORM IS NOT OBSTRUCTED. ADJUST PIPING SUPPORT ELEVATION ACCORDINGLY.
COORDINATE CONTROL INTEGRATION REQUIREMENTS WITH BASE BUILDING CONTROLS CONTRACTOR. PROVIDE GAS CONTROL PANEL INSIDE GENERATOR ENCLOSURE AS APPLICABLE.
25. NO GRASS IN THIS AREA. PROVIDE LANDSCAPE FABRIC FILLED WITH COBBELSTONE.

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NO.	DATE (YYYY-MM-DD)	DESCRIPTION
DRAWING REVISIONS		

08	2026-07-23	ISSUED FOR ADD-02
07	2026-07-22	ISSUED FOR ADD-01
06	2026-04-24	ISSUED FOR TENDER PHASE 2
05	2026-01-30	ISSUED FOR OWNERS REVIEW
04	2025-11-07	ISSUED FOR TENDER AND PERMIT
03	2025-09-26	ISSUED FOR FINAL REVIEW
02	2025-09-11	ISSUED FOR BAS COORDINATION
01	2025-06-18	ISSUED FOR OWNERS REVIEW
NO.	DATE (YYYY-MM-DD)	DESCRIPTION
DRAWING ISSUE		

KEYPLAN:



PROJECT:
QUINTE HEALTH
BELLEVILLE GENERAL HOSPITAL
GENERATOR REPLACEMENT
HHA PROJECT NUMBER: 2230893
DRAWING TITLE:
MECHANICAL PLAN - NEW WORK

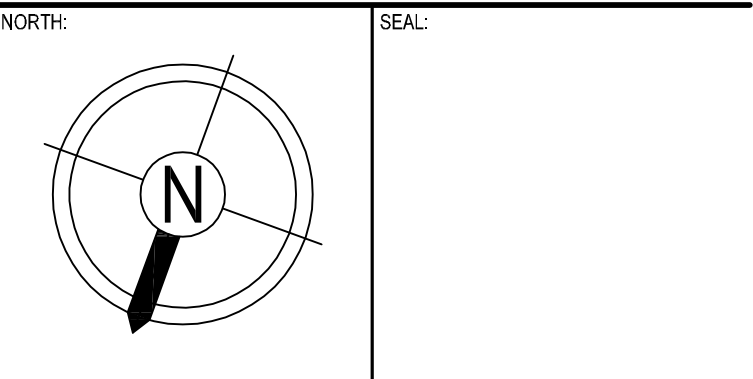
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03	2025-09-26	ISSUED FOR FINAL REVIEW
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DRAWING ISSUE		

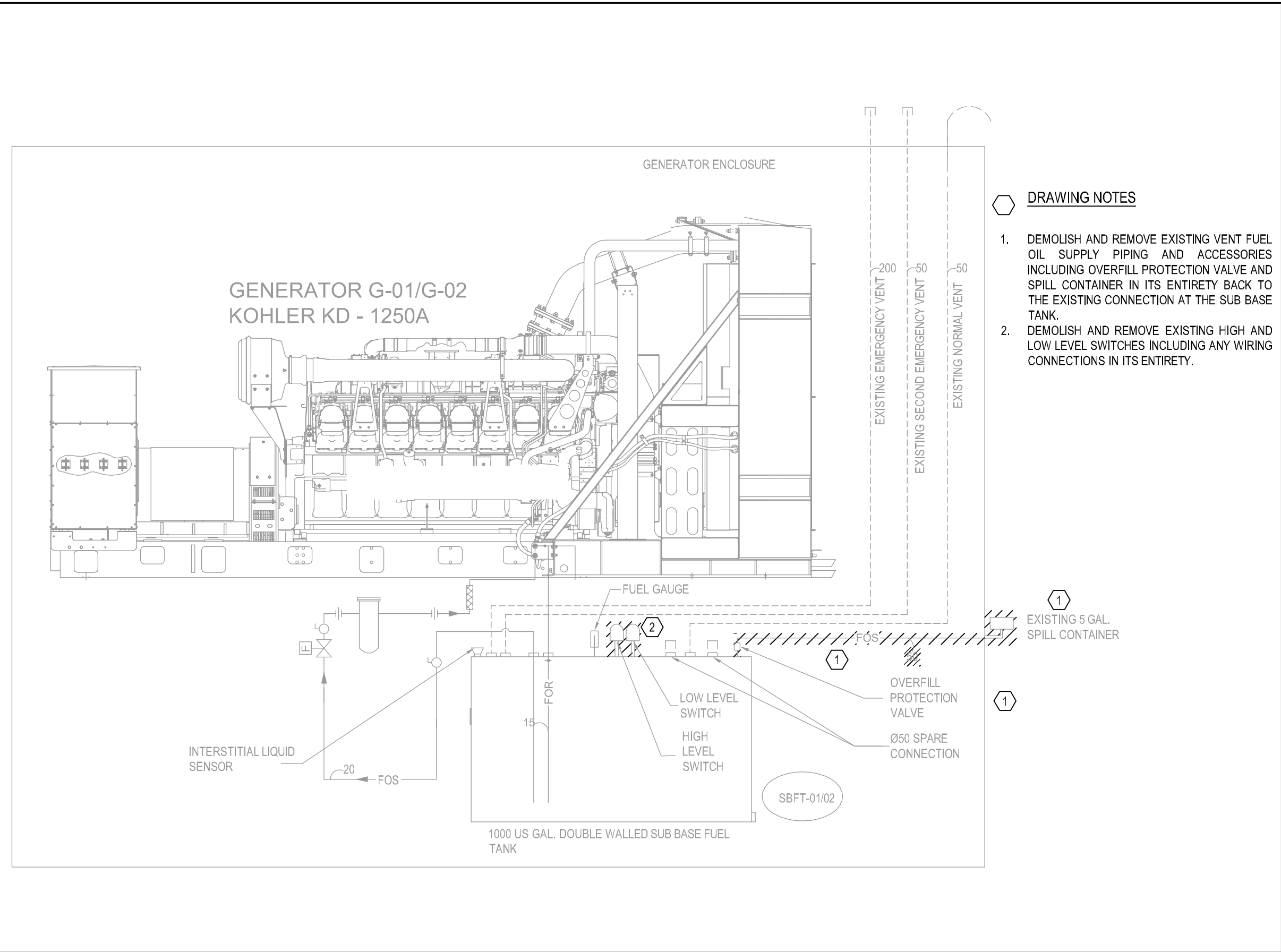
KEYPLAN:



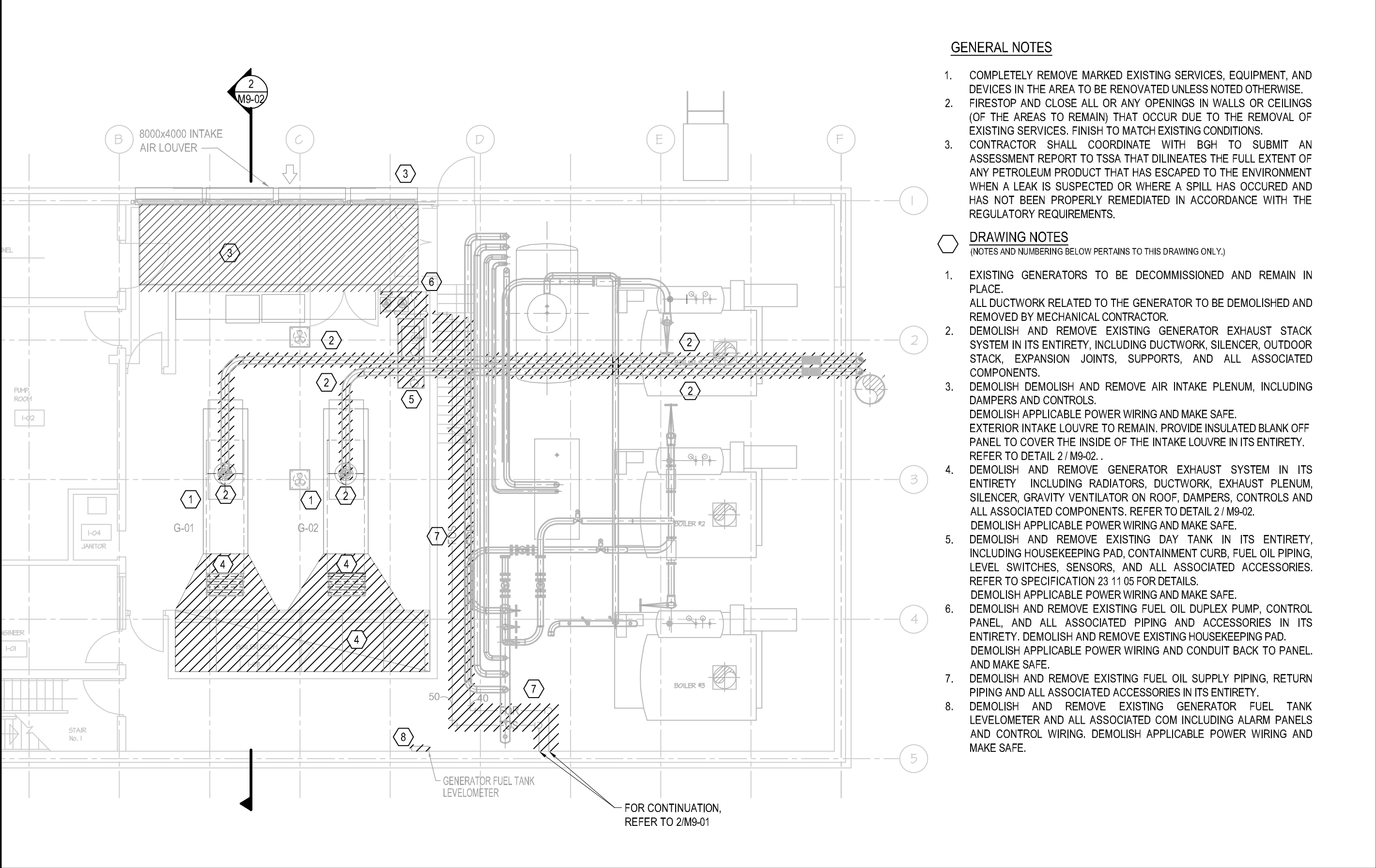
PROJECT:
QUINTE HEALTH
BELLEVILLE GENERAL HOSPITAL
GENERATOR REPLACEMENT
HHA PROJECT NUMBER: 2230893
DRAWING TITLE:
MECHANICAL DEMOLITION
SHEET-1

PAGE SIZE:	ARCH D	DRAWN BY:	S.G.
SCALE:	AS INDICATED	CHECKED BY:	A.K.
DRAWING NUMBER:			

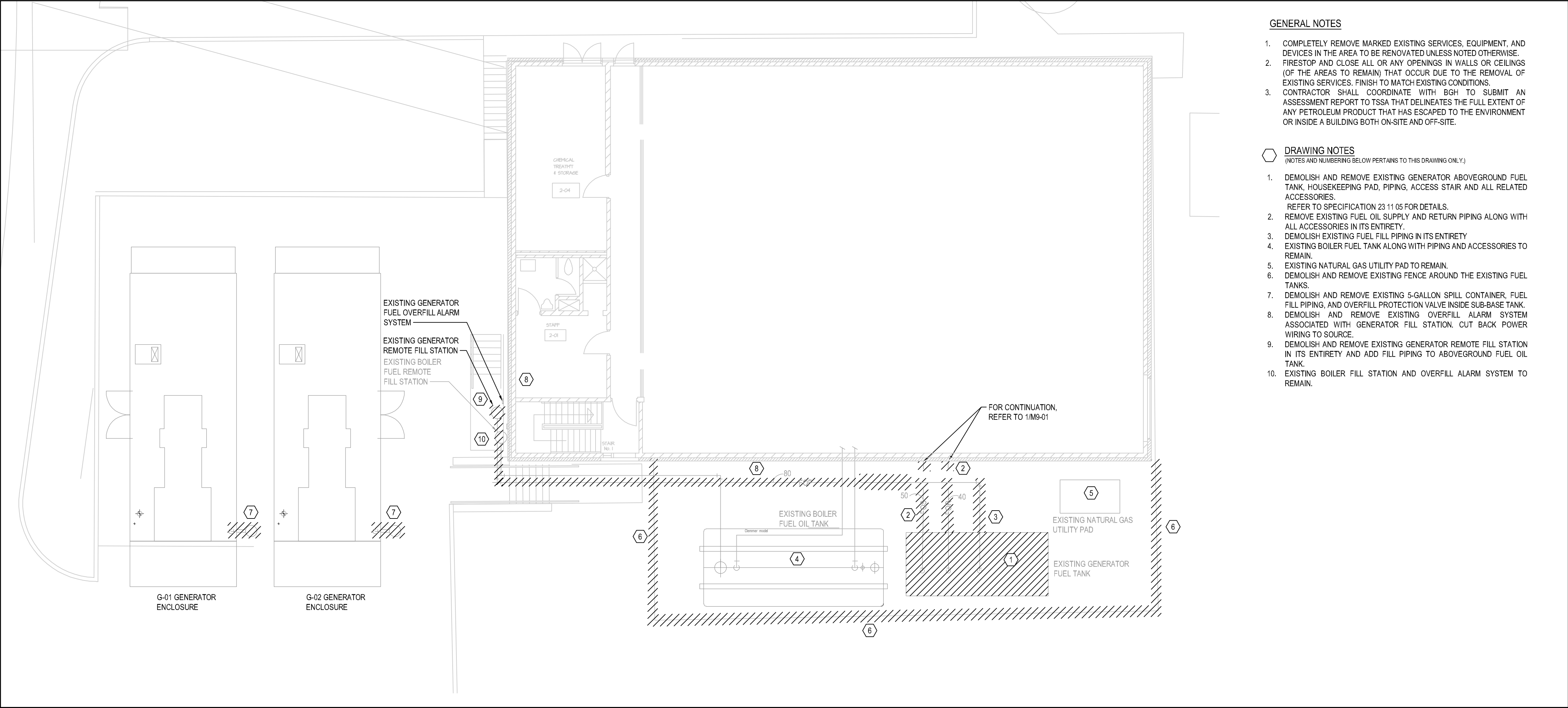
M9-01



3 DEMOLITION - GENERATOR ENCLOSURE SCHEMATIC
M9-01 1:100



1 DEMOLITION - BOILER PLANT
M9-01 1:100



2 DEMOLITION - EXTERIOR
M9-01 1:100

GENERAL NOTES

1. COMPLETELY REMOVE MARKED EXISTING SERVICES, EQUIPMENT, AND DEVICES IN THE AREA TO BE RENOVATED UNLESS NOTED OTHERWISE.
2. FIRESTOP AND CLOSE ALL OR ANY OPENINGS IN WALLS OR CEILINGS (OF THE AREAS TO REMAIN) THAT OCCUR DUE TO THE REMOVAL OF EXISTING SERVICES. FINISH TO MATCH EXISTING CONDITIONS.
3. CONTRACTOR SHALL COORDINATE WITH BGH TO SUBMIT AN ASSESSMENT REPORT TO TSSA THAT Delineates THE FULL EXTENT OF ANY PETROLEUM PRODUCT THAT HAS ESCAPED TO THE ENVIRONMENT WHEN A LEAK IS SUSPECTED OR WHERE A SPILL HAS OCCURED AND HAS NOT BEEN PROPERLY REMEDIATED IN ACCORDANCE WITH THE REGULATORY REQUIREMENTS.

DRAWING NOTES

(NOTES AND NUMBERING BELOW PERTAINS TO THIS DRAWING ONLY.)

1. EXISTING GENERATORS TO BE DECOMMISSIONED AND REMAIN IN PLACE. ALL DUCTWORK RELATED TO THE GENERATOR TO BE DEMOLISHED AND REMOVED BY MECHANICAL CONTRACTOR.
2. DEMOLISH AND REMOVE EXISTING GENERATOR EXHAUST STACK SYSTEM IN ITS ENTIRETY, INCLUDING DUCTWORK, SILENCER, OUTDOOR STACK, EXPANSION JOINTS, SUPPORTS, AND ALL ASSOCIATED COMPONENTS.
3. DEMOLISH DEMOLISH AND REMOVE AIR INTAKE PLENUM, INCLUDING DAMPERS AND CONTROLS. DEMOLISH APPLICABLE POWER WIRING AND MAKE SAFE. EXTERIOR INTAKE LOUVER TO REMAIN. PROVIDE INSULATED BLANK OFF PANEL TO COVER THE INSIDE OF THE INTAKE LOUVER IN ITS ENTIRETY. REFER TO DETAIL 2/MB-02.
4. DEMOLISH AND REMOVE GENERATOR EXHAUST SYSTEM IN ITS ENTIRETY INCLUDING RADIATORS, DUCTWORK, EXHAUST PLENUM, SILENCER, GRAVITY VENTILATOR ON ROOF, DAMPERS, CONTROLS AND ALL ASSOCIATED COMPONENTS. REFER TO DETAIL 2/MB-02. DEMOLISH APPLICABLE POWER WIRING AND MAKE SAFE.
5. DEMOLISH AND REMOVE EXISTING DAY TANK IN ITS ENTIRETY, INCLUDING HOUSEKEEPING PAD, CONTAINMENT CURB, FUEL OIL PIPING, LEVEL SWITCHES, SENSORS, AND ALL ASSOCIATED ACCESSORIES. REFER TO SPECIFICATION 23 11 05 FOR DETAILS.
6. DEMOLISH APPLICABLE POWER WIRING AND MAKE SAFE. DEMOLISH AND REMOVE EXISTING FUEL OIL DUPLEX PUMP, CONTROL PANEL, AND ALL ASSOCIATED PIPING AND ACCESSORIES IN ITS ENTIRETY. DEMOLISH AND REMOVE EXISTING HOUSEKEEPING PAD. DEMOLISH APPLICABLE POWER WIRING AND CONDUIT BACK TO PANEL, AND MAKE SAFE.
7. DEMOLISH AND REMOVE EXISTING FUEL OIL SUPPLY PIPING, RETURN PIPING AND ALL ASSOCIATED ACCESSORIES IN ITS ENTIRETY.
8. DEMOLISH AND REMOVE EXISTING GENERATOR FUEL TANK LEVELOMETER AND ALL ASSOCIATED COM INCLUDING ALARM PANELS AND CONTROL WIRING. DEMOLISH APPLICABLE POWER WIRING AND MAKE SAFE.

GENERAL NOTES

1. COMPLETELY REMOVE MARKED EXISTING SERVICES, EQUIPMENT, AND DEVICES IN THE AREA TO BE RENOVATED UNLESS NOTED OTHERWISE.
2. FIRESTOP AND CLOSE ALL OR ANY OPENINGS IN WALLS OR CEILINGS (OF THE AREAS TO REMAIN) THAT OCCUR DUE TO THE REMOVAL OF EXISTING SERVICES. FINISH TO MATCH EXISTING CONDITIONS.
3. CONTRACTOR SHALL COORDINATE WITH BGH TO SUBMIT AN ASSESSMENT REPORT TO TSSA THAT Delineates THE FULL EXTENT OF ANY PETROLEUM PRODUCT THAT HAS ESCAPED TO THE ENVIRONMENT OR INSIDE A BUILDING BOTH ON-SITE AND OFF-SITE.

DRAWING NOTES

(NOTES AND NUMBERING BELOW PERTAINS TO THIS DRAWING ONLY.)

1. DEMOLISH AND REMOVE EXISTING GENERATOR ABOVEGROUND FUEL TANK, HOUSEKEEPING PAD, PIPING, ACCESS STAIR AND ALL RELATED ACCESSORIES. REFER TO SPECIFICATION 23 11 05 FOR DETAILS.
2. REMOVE EXISTING FUEL OIL SUPPLY AND RETURN PIPING ALONG WITH ALL ACCESSORIES IN ITS ENTIRETY.
3. DEMOLISH EXISTING FUEL FILL PIPING IN ITS ENTIRETY.
4. EXISTING BOILER FUEL TANK ALONG WITH PIPING AND ACCESSORIES TO REMAIN.
5. EXISTING NATURAL GAS UTILITY PAD TO REMAIN.
6. DEMOLISH AND REMOVE EXISTING FENCE AROUND THE EXISTING FUEL TANKS.
7. DEMOLISH AND REMOVE EXISTING 5-GALLON SPILL CONTAINER, FUEL FILL PIPING, AND OVERFILL PROTECTION VALVE INSIDE SUB-BASE TANK.
8. DEMOLISH AND REMOVE EXISTING OVERFILL ALARM SYSTEM ASSOCIATED WITH GENERATOR FILL STATION. CUT BACK POWER WIRING TO SOURCE.
9. DEMOLISH AND REMOVE EXISTING GENERATOR REMOTE FILL STATION IN ITS ENTIRETY AND ADD FILL PIPING TO ABOVEGROUND FUEL OIL TANK.
10. EXISTING BOILER FILL STATION AND OVERFILL ALARM SYSTEM TO REMAIN.

DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE CONSULTANT BEFORE PROCEEDING.
ONLY FIGURED DIMENSIONS ARE TO BE USED AND CONTRACTOR MUST CHECK ALL DIMENSIONS ON SITE.
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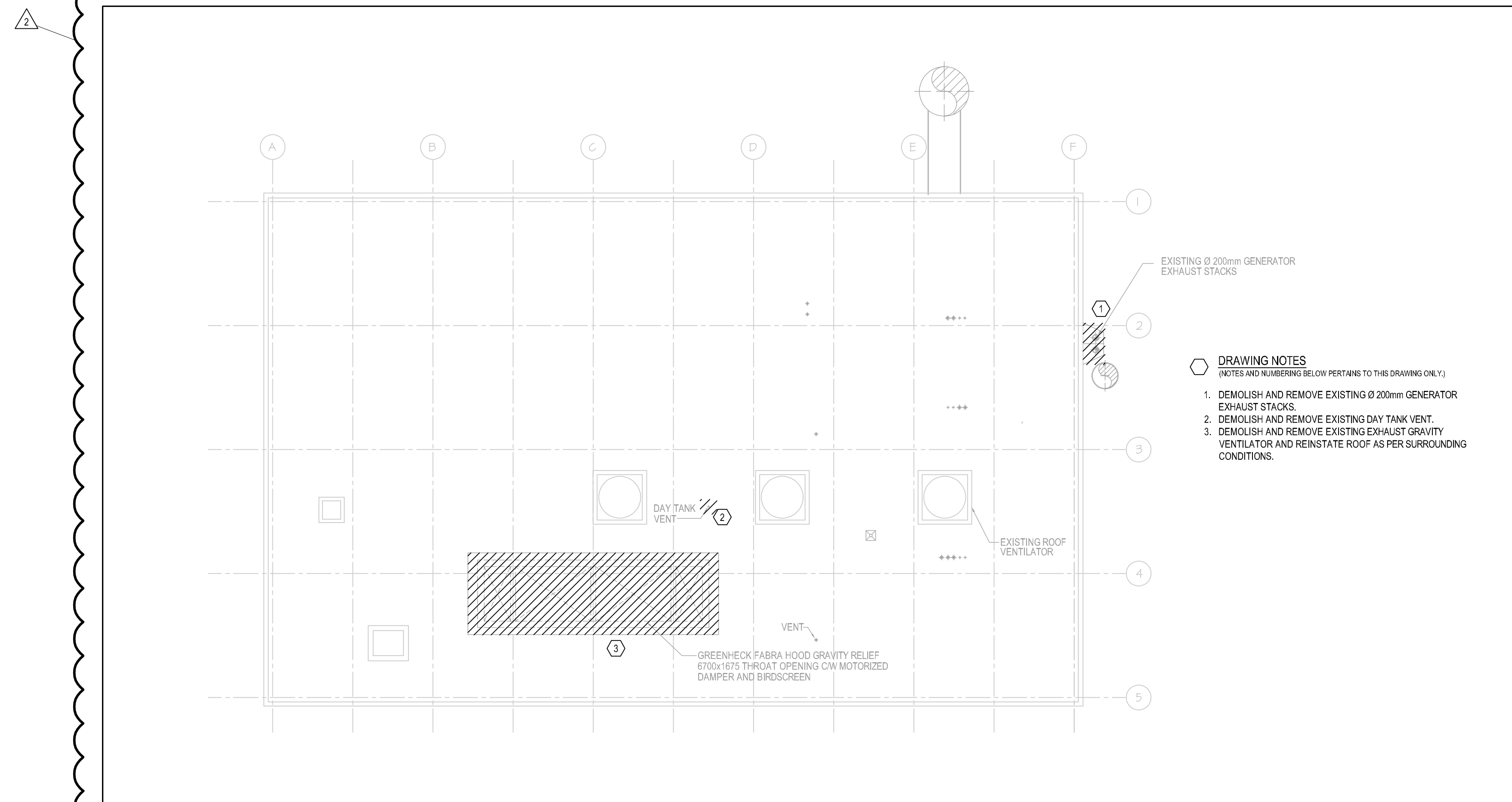
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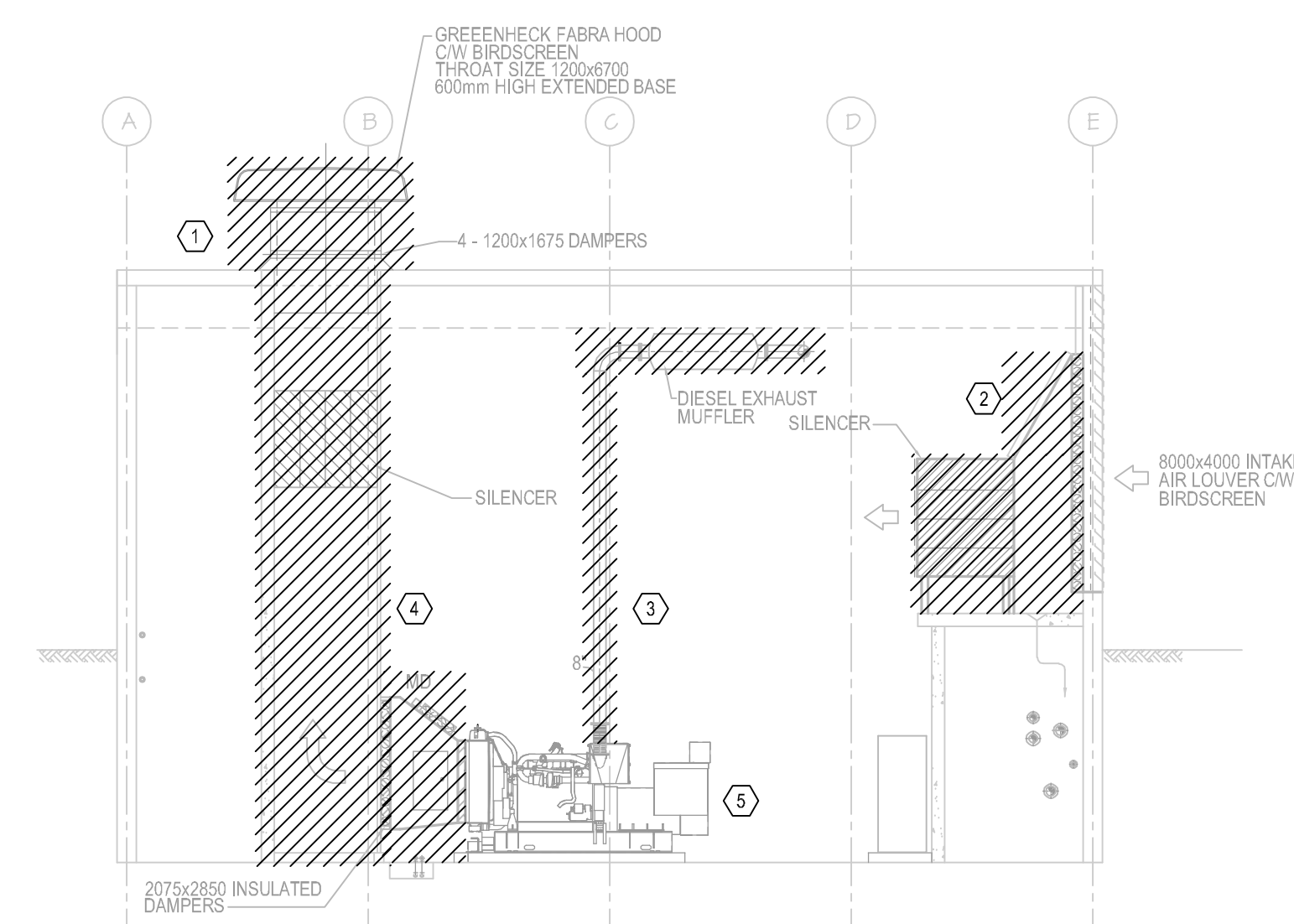
PROJECT:	
QUINTE HEALTH BELLEVILLE GENERAL HOSPITAL GENERATOR REPLACEMENT	
HHA PROJECT NUMBER:	2230693
DRAWING TITLE: MECHANICAL DEMOLITION SHEET-2	

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M9-02



1 DEMOLITION - ROOF PLAN
M9-02 1:100



DRAWING NOTES

(NOTES AND NUMBERING BELOW PERTAINS TO THIS DRAWING ONLY.)

1. DEMOLISH AND REMOVE EXISTING GENERATOR VENTILATOR AND DAMPERS. REINSTATE ROOF TO MATCH SURROUNDING ROOF CONDITIONS.
2. DEMOLISH AND REMOVE AIR INTAKE PLENUM, INCLUDING DAMPERS AND CONTROLS WIRING AND MAKE SAFE. EXISTOR INTAKE LOUVER TO REMAIN. PROVIDE INSULATED BLANK OFF PANEL TO COVER THE REMAIN OF THE INTAKE LOUVER IN ITS ENTIRETY.
3. DEMOLISH AND REMOVE EXISTING GENERATOR EXHAUST STACK SYSTEM IN ITS ENTIRETY, INCLUDING DUCTWORK, SILENCER, OUTDOOR STACK, EXPANSION JOINTS, AND ALL RELATED COMPONENTS.
4. DEMOLISH AND REMOVE GENERATOR EXHAUST SYSTEM IN ITS ENTIRETY, INCLUDING RADIATORS, DUCTWORK, EXHAUST PLENUM, SILENCER, GENERATOR VENTILATOR, DAMPERS, CONTROLS AND ALL ASSOCIATED COMPONENTS.
5. DEMOLISH APPLICABLE ELECTRICAL AND MAKE SAFE.
6. REFER TO ELECTRICAL FOR GENERATOR DEMOLITION DETAILS.

2 DEMOLITION - SECTION
M9-02 1:100