



Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 3 TO PROJECT NO. M3220

ELECTRICAL WORK PROVIDE EMERGENCY POWER IMPROVEMENTS, FARMINGDALE TRAINING SITE 25 BAITING PLACE RD FARMINGDALE, NY

August 13, 2026

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.
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BIDDING REQUIREMENTS

1. DOCUMENT 001114 ADVERTISEMENT FOR BIDS: The last date for receipt of bids is changed from Wednesday, August 19, 2026, to Wednesday, September 2, 2026.

SPECIFICATION GROUP

2. SECTION 133423.16 PRE-FABRICATED STEEL BUILDINGS, Paragraph 2.3.B: Change Paragraph to Read:

“2.3.B Framework: The building shall have a complete, internal, self-supporting, structural steel frame which does NOT utilize or rely on the exterior panels or roof cover panels for any of its structural strength or framing. The buildings stand-alone framework shall include 8 to 16 gauge, cold-formed, galvanized steel structural members. Building Frame work is to be thermally isolated from the exterior wall and roof sheeting with a 2” (Two Inch) thick fiberglass insulation blanket that is in addition to the fiberglass insulation in the walls framing cavity. Building framework to have a flush-wall, vertical and horizontal framing format with **flush** girts, purlins, and full trusses on both end walls, which easily allows for future expansion and/or modifications. The wall framing members shall be 4” deep (minimum) and be of galvanized steel. Wall and ceiling structural support system are to be designed to provide load carrying capability for anticipated heavy equipment loads using 16 gauge galvanized steel hat channels behind the liner panels for reinforcement as needed, with locations shown on approval drawings. Roof to have 8 gauge to 14 gauge solid-web, double-thickness, hot-rolled steel trusses with integral receivers for top-mounted lift-rings/pick-eyes where required.”

3. SECTION 133423.16 PRE-FABRICATED STEEL BUILDINGS, Paragraph 2.3.D: Change Paragraph to Read:

“2.3.D Roof: **Provide a gable roof with roof surfaces sloping from the ridge toward the opposing eaves.** Roof shall have a minimum pitch of 1 inch in 12 or greater and shall have a covering of mechanically-seamed, 24 gauge, Standing-Seam Roofing, with a minimum seam height of 2”. Standing seam roof panels shall be of Galvalume steel, with a coil-coated, baked-on Kynar 500, PVDF resin-based coating and shall have no visible fasteners on main run. Roof to include a matching, die-formed ridge cap, and a fully supported 3” overhang. Properly sized attic space ventilation shall be provided. Top-mounted, Heavy-duty, Lift-Rings/Pick-Eyes to be supplied and mounted to the building Trusses as needed for lifting the building.”

4. SECTION 133423.16 PRE-FABRICATED STEEL BUILDINGS, Paragraph 2.3.H: Change Paragraph to Read:

“2.3.H Interior Dimensions: The building’s finished interior dimensions shall be no less than 10 ½” in width and length from the exterior dimensions shown on the drawings. Minimum floor to ceiling dimension shall be nominal **12’.**”

5. SECTION 133423.16 PRE-FABRICATED STEEL BUILDINGS, Paragraph 2.3.M: Change Paragraph to Read:

“2.3.M HVAC Unit: **The specified Bard Model W24HF-B wall-mounted heat pump unit is the basis of design.** Unit shall be factory-assembled, single-package, vertical discharge heat pump with R-454B refrigerant. Unit shall operate at 208/230V, 3-phase, 60 Hz power.

1. Unit performance shall meet or exceed the following:
 - a. Cooling capacity: 23,000 BTUH at AHRI standard conditions; up to 25,600 BTUH at 85°F DB / 72°F WB indoor and 75°F outdoor.
 - b. Heating capacity: 23,000 BTUH at 47°F outdoor; 28,600 BTUH at 65°F outdoor.
2. Unit shall include:
 - a. Scroll compressor, copper-aluminum coils with factory-installed filter drier.
 - b. Electronically commutated indoor blower motor (ECM) and axial outdoor fan motor.
 - c. Minimum cooling efficiency of 11.0 EER and heating COP of 3.3.
 - d. Integrated high/low pressure switches, phase monitoring, and short cycle protection.
 - e. Field-installed circuit breaker and optional electric heat capacity up to 5 kW.
 - f. Barometric intake damper or no-ventilation option, as scheduled.
3. **Provide the specified unit or an approved equal meeting or exceeding the specified performance requirements.**
4. Unit shall comply with ANSI/ASHRAE/IES 90.1-2019, AHRI 390-2021, and be ETL-listed to ANSI/UL 60335-1 and 60335-2-40. Indoor sound level shall not exceed 52.4 dBA at 5 feet.
5. Install in accordance with manufacturer instructions, maintain required service clearances, and coordinate electrical connections.”

6. SECTION 263213.16 GAS-ENGINE-DRIVEN GENERATOR SETS, Paragraph 2.3.C: Change Paragraph to Read:

“2.3.C Power Rating: Provide each engine-generator set with a manufacturer-published standby rating of not less than 450 kW on natural gas and not less than 335 kW on LP gas at the specified voltage, frequency, and power factor. Generator sets having a higher rating on either fuel are acceptable, subject to compliance with all other specified performance, paralleling, load-management, and electrical-system requirements.”

7. SECTION 263213.16 GAS-ENGINE-DRIVEN GENERATOR SETS, Paragraph 2.3.F: Delete this subparagraph in its entirety.

8. SECTION 263213.16 GAS-ENGINE-DRIVEN GENERATOR SETS, Paragraph 2.5.D: Change Paragraph to Read:

“2.5.D Engine Dual Fuel System Operation:

1. Natural gas will be the primary default fuel to the generator.
2. Provide the generator manufacturer's standard fuel-changeover system. Fuel changeover may be automatically or manually initiated through the generator control system.
3. The generator system shall be capable of changing from natural gas to LP and from LP back to natural gas in accordance with the manufacturer's standard sequence. During fuel changeover, the generator sets shall remain online and continue carrying the accepted load.
4. Before changing to LP operation, verify acceptable LP-fuel pressure and confirm that the connected operating load does not exceed the generator system's allowable LP operating or fuel-changeover load. Lower-priority loads shall be shed or inhibited as necessary in coordination with the fuel-changeover sequence.
5. Where automatic fuel changeover is provided, coordinate the automatic changeover sequence with the generator load-management system so that the allowable LP load is not exceeded.
6. Where manually initiated fuel changeover is provided, initiate the changeover through the generator control system after the required load-management sequence has been completed.
7. Provide a signal to the facility indicating which fuel the generator is operating on.”

9. SECTION 263213.16 GAS-ENGINE-DRIVEN GENERATOR SETS, Paragraph 2.5.E.8.b: Change Paragraph to Read:

“2.5.E.8.b Basis-of-design LP connection: 312 psi maximum, #8 1/2-inch male JIC 37-degree flare. Provide final LP supply pressure, connection, regulation, vaporization, and accessories as required by the approved generator manufacturer.”

10. SECTION 263213.16 GAS-ENGINE-DRIVEN GENERATOR SETS, Paragraph 2.6.G: Add the following subparagraph:
 - “5. Provide five dedicated, electrically isolated Form C dry contacts at the master/paralleling controller, wired to labeled terminal blocks, for interface with the facility BMS:
 - a. Generator 1 ON/OFF
 - b. Generator 2 ON/OFF
 - c. Chiller Load-Shed Command
 - d. Natural Gas Fuel Active
 - e. LP Fuel Active.”
11. SECTION 283105.0 MODIFICATIONS TO FIRE ALARM SYSTEM: Discard this section bound in the Project Manual in its entirety.

DRAWINGS

12. Revised Drawings:
 - a. Drawing Nos. E-102, E-401, E-601, E-602, noted Addendum 3, dated 8/12/2026, accompanies this Addendum and supersedes the same numbered previously issued drawings.
13. Addendum Drawing:
 - a. Drawing No. E-402, noted Addendum 3, dated 8/12/2026, accompanies this Addendum and forms part of the Contract Documents.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction

1. SEE DRAWING E-001 FOR GENERAL NOTES

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| 1 | PROVIDE 500KW (NG)350KW (LP) 480/277V, 3-PHASE, 4-W GENERATOR. | 9 | SPACE RESERVED FOR FUTURE GENERATOR. PRESERVE MINIMUM CLEARANCES FOR MAINTENANCE AND FUTURE EQUIPMENT ACCESS. |
| 2 | PROVIDE CONCRETE PAD. SEE GENERATOR PAD DETAIL ON DRAWING E-501 FOR ADDITIONAL INFORMATION. COORDINATE FINAL DIMENSIONS WITH EQUIPMENT VENDOR. | 10 | PROVIDE 2-4" EMPTY UNDERGROUND CONDUIT WITH PULL STRINGS, CAPPED AND LABELED "FUTURE USE", FROM THE EMERGENCY DISTRIBUTION PANEL TO THE FUTURE GENERATOR SPACE FOR FUTURE POWER FEEDERS. |
| 3 | EXISTING PAD MOUNTED TRANSFORMER. | 11 | PROVIDE 4-2" EMPTY CONDUIT WITH PULL STRINGS, CAPPED AND LABELED "FUTURE USE" FROM THE ADJACENT GENERATOR TO THE FUTURE GENERATOR PAD FOR FUTURE CONTROL/COMMUNICATION CABLES. |
| 4 | PROVIDE PRE-FABRICATED STEEL BUILDING. SEE DRAWING E-401 FOR ADDITIONAL INFORMATION. | 12 | STRIP UP A #30 BARE COPPER PIGTAIL TO FUTURE GENERATOR LOCATION. LEAVE 6" SLACK FOR FUTURE CONNECTIONS. TERMINATE FUTURE GROUND TRAILS INSIDE OF CONDUIT WITH A CAP FOR PROTECTION. IDENTIFY FOR FUTURE USE. |
| 5 | INSTALL A CONTINUOUS GROUND LOOP CONSISTING OF #30 BARE COPPER CONDUCTOR BURIED 30 INCHES BELOW FINISHED GRADE. ENIRCLE THE GENERATOR PAD AND ELECTRICAL POWER CONTAINER AS SHOWN. | 13 | UG SUMMARY FOR EACH GENERATOR: 2 X 4" C - POWER FEEDER; 1 X 2" C - REMOTE ANNUNCIATOR; 1 X 2" C - REMOTE EM STOP; 1 X 2" C - FOR ATS TO GENERATORS CONTROL START; 1 X 2" C - GENERATOR PANEL COORDINATE FINAL CONDUCTOR QUANTITIES AND TERMINATIONS WITH APPROVED ATS AND GENERATOR MANUFACTURERS' SHOP DRAWINGS |
| 6 | GENERATOR STUB-UP AREA. COORDINATE LOCATION WITH MANUFACTURER'S REPRESENTATIVE | 14 | PROVIDE 30" LARGES PENETRATION ON DWG E-501. SPACE 30" LARGES MAXIMUM 4" APART. MAINTAIN CLEARANCE FOR EQUIPMENT MAINTENANCE ACCESS. |
| 7 | RUN WIRING BETWEEN GENERATOR CONTROLLERS. FOLLOW MANUFACTURER'S WIRING RECOMMENDATIONS. SEE DRAWING E-501 FOR ADDITIONAL INFORMATION. | 15 | PROVIDE 1- 2" BETWEEN THE BMS AND ALL GENERATOR CONTROLLERS AS SHOWN. SEE DRAWING E-602 FOR ADDITIONAL INFORMATION. |
| 8 | PROVIDE 10 FT LONG X 3/4" DIAMETER COPPER-CLAD STEEL GROUND RODS SPACED A MAXIMUM OF 20 FT APART ALONG THE GROUND LOOP. INSTALL GROUND RODS AT ALL CORNERS AND AT MIDPOINTS BETWEEN CORNERS, OR AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE. EXOTHERMICALLY WELD ALL CONNECTIONS. | 16 | PROVIDE A 1000 KW, 480/277V DIESEL RENTAL GENERATOR TO SUPPLY TEMPORARY POWER DURING THE PERIOD WHEN THE PERMANENT ELECTRICAL SERVICE IS DE-ENERGIZED TO COMPLETE THE WORK. IT IS ANTICIPATED THAT POWER OUTAGES WILL BE MINIMIZED, AND THE GENERATOR WILL BE REQUIRED TO PROVIDE POWER FOR APPROXIMATELY 2 TO 3 DAYS. INCLUDE ALL NECESSARY FUEL AND GENERATOR MONITORING SERVICES FOR THE FULL DURATION THAT THE GENERATOR IS IN ACTIVE USE. PROVIDE TEMPORARY CABLIN BETWEEN GENERATOR AND MAIN ELECTRICAL SERVICE. TEMP GENERATOR LOCATION IS APPROXIMATE. FINAL LOCATION AS DETERMINED BY DIRECTOR'S REPRESENTATIVE. |



CONSULTANT

CERTIFICATE OF AUTHORIZATION #: 0018644

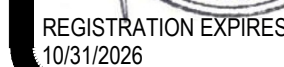


TO THE BEST OF THE ENGINEER'S KNOWLEDGE, BELIEF
AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR
SPECIFICATION ARE IN COMPLIANCE WITH THE 2025
ENERGY CONSTRUCTION CODE OF NEW YORK STATE.

TO THE BEST OF THE ENGINEER'S KNOWLEDGE, BELIEF
AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR
SPECIFICATION ARE IN COMPLIANCE WITH THE 2025
BUILDING CODE OF NEW YORK STATE.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATION AND IS A CLASS 'A' MISDEMEANOR.



CONTRACT:

ELECTRICAL

TITLE

PROVIDE EMERGENCY
POWER IMPROVEMENTS

LOCATION:

FARMINGDALE TRAINING SITE
25 BAITING PLACE RD
FARMINGDALE, NY

CLIENT

DIVISION OF MILITARY
AND NAVAL AFFAIRS

	08/12/2026	ADDENDUM 3	
	05/19/2026	REVISION 1	
	04/15/2026	BID DOCUMENT	
MARK	DATE	DESCRIPTION	

PROJECT NUMBER: **M3220 — E**

DESIGNED BY:	R
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DRAWN BY:	JR
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FIELD CHECK:	
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APPROVED:	MC
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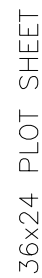
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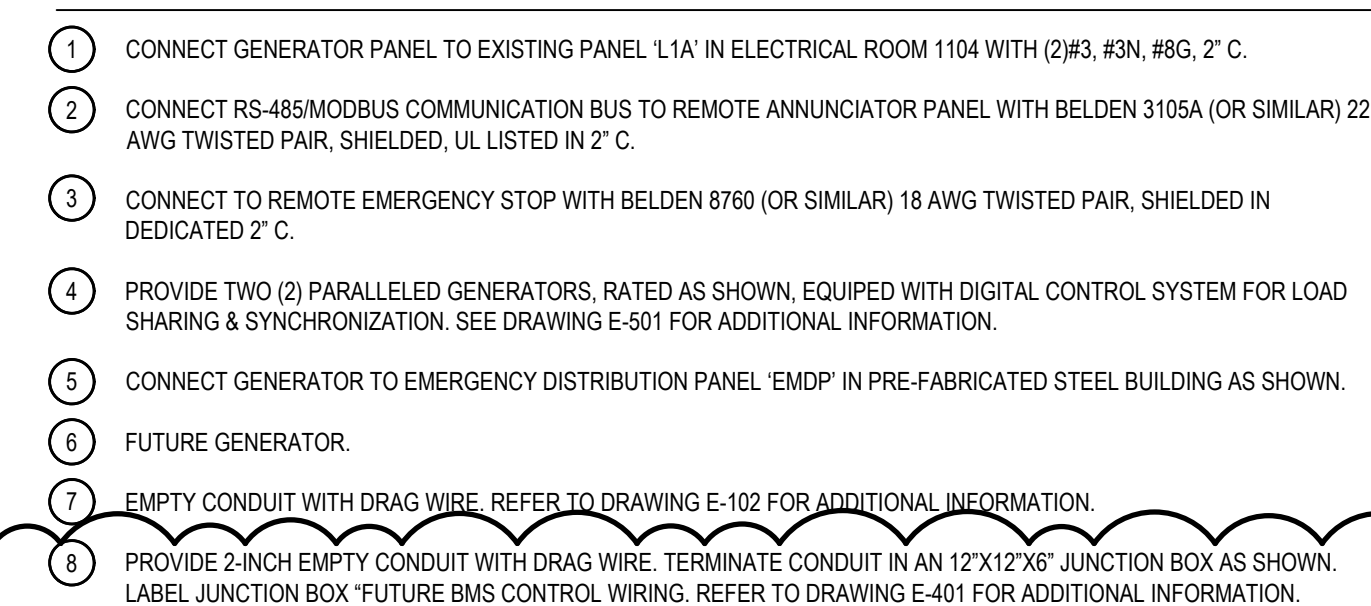
ELECTRICAL SITE PLAN

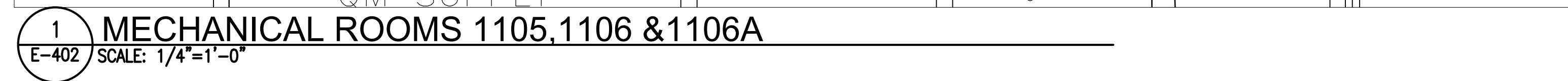
DRAWING NUMBER

E-102









- ① REFER TO DWG E-601 FOR ADDITIONAL INFORMATION
- ② PROVIDE CONDUIT PENETRATIONS THROUGH EXISTING FIRE-RATED WALLS. FIRESTOP EACH PENETRATION WITH A THREE (3) HOUR RATED FIRESTOPPING ASSEMBLY
- ③ INTERCEPT THE EXISTING FEEDER SERVING MC01 AT AN ACCESSIBLE LOCATION IN OR ADJACENT TO THE EXISTING MAIN ELECTRICAL ROOM. FIELD-VERIFY THE EXISTING FEEDER ROUTING. COORDINATE THE INTERCEPT POINT WITH THE DIRECTOR'S REPRESENTATIVE. REFER TO DWG E-401 AND E-601 FOR ADDITIONAL INFORMATION.