



Township Archives

Township of Brick, NJ

401 Chambers Bridge Rd, Brick, NJ 08723

This File Contains Personal Identifiable Information of Private Citizen(s).

Certain information contained in this file is ***Exempt from Release*** under the Open Public Records Act (OPRA) (Public Law 2001, CHAPTER 404 (N.J.S.A. 47:1A-1 et seq.)) and Executive Orders issued by the Governor of New Jersey. The following information ***MUST*** be redacted prior to release:

- Social Security Numbers
- Drivers' License Numbers
- Unlisted Phone Numbers
- Credit Card Numbers
- Bank Account Numbers and Balances

For further information, consult with the Township Clerk, Township Archivist or Township Attorney prior to release.

A handwritten signature in black ink, appearing to read "Bryan J. Dickerson", is written over a horizontal line.

Bryan J. Dickerson, CA, CMR
Township Archivist

Issued: 8 January 2020

BLOCK 341 LOT 474 QUALIFICATION CODE _____ ADDRESS (SITE) _____ PERMIT NO. 22-0412



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

C-22-000137

I. IDENTIFICATION

1. Proposed Work Site at: 34 Kettle Creek Dr
2. Name of Owner in Fee: Dana Maher Tel. [REDACTED]
Address 34 Kettle Creek Dr, Brick NJ 08723
street municipality zip code
3. Ownership in Fee: Public _____ Private _____
4. Principal Contractor: DT Electric LLC Tel. (732) 598-8480
Address 209 West Sylvania Ave, Neptune NJ 07753
License No. OR, if new home, Builder Reg. No. 15950 Exp. Date _____
Federal Employee No. 14-1995 818 FAX: () _____
5. Architect or Engineer _____ Tel. () _____
Address _____ Contact Masoch
6. Responsible Person in Charge once Work has Begun live
Tel. (32) 199 3596 FAX: () _____

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ <u>150</u>		
2. Electrical	\$ <u>245</u>		
3. Plumbing			
4. Fire Protection			
5. Elevator Devices Mechanical	\$ <u>125</u>		
6. Subtotal	\$		
7. Less 20% for State Plan Review			
8. Subtotal	\$		
9. State Permit Surcharge Fee	\$ <u>50</u>		
10. Subtotal	\$ <u>75</u>		
11. Cert. of Occupancy			
12. Other	\$ <u>625</u>		
13. TOTAL	\$		

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories _____
2. Height of Structure _____ ft.
3. Area — Largest Floor _____ sq. ft.
4. New Building Area _____ sq. ft.
5. Volume of New Structure _____ cu. ft.
6. Construction Classification _____
7. Total Land Area Disturbed _____ sq. ft.
8. Flood Hazard Zone _____
9. Base Flood Elevation _____ ft.
10. Wetlands ☒ yes _____
☐ no _____
11. Max. Live Load _____
12. Max. Occupancy Load _____

(office use only)

Generator

OPTIONAL (for office use only)

II. PROPOSED WORK	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
1. ☐ Minor Work									
2. ☐ New Building									
3. ☐ Addition									
4. ☐ a. Repair									
☐ b. Alteration									
☐ c. Renovation									
☐ d. Reconstruction									
5. ☐ Fire Protection									
6. ☒ Plumbing ☐ Mechanical									
7. ☒ Electrical									
8. ☐ Elevator Devices									
9. ☐ Asbestos Abat. Subch. 8									
10. ☐ Lead Hazard Abatement									
11. ☐ Demolition									
TOTAL COSTS									

III. DO YOU WANT: (optional)

1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/
• Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. ☐ Hotels (R-1) IBC 2018 NJ
2. ☐ Multi-Family (R-2) IBC 2018 NJ
3. ☐ Two-Family (R-3) IBC 2018 NJ
4. ☐ Two-Family (R-5) IRC 2018 NJ
5. ☐ One-Family (R-3) IBC 2018 NJ
6. ☐ One-Family (R-5) IRC 2018 NJ

No. of dwelling units:

Before Construction _____

After Construction _____

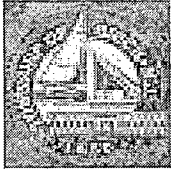
Net Gain or Loss _____

B. NON-RESIDENTIAL

1. State Specific Use:

2. Use Group:

3. Change In Use Group, Indicate Former:



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 6/28/2022
Control Number C-22-000137
Permit Number 22-0412
Permit Issue Date 2/10/2022
Certificate Number 22-0412

Certificate
Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 34 KETTLE CREEK DR. Brick Township, NJ Block: 341 Lot: 474 Qual: _____
Owner in Fee: MAHER, DONNA
Owner Address: 5 VERONICA COURT NEW EGYPT NJ 08533
Telephone: [REDACTED]
Contractor MM Electric, LLC
Address 209 W SYLVANIA AVE Neptune NJ 07753
Telephone: (732) 749-3596 Fax: (732) 749-3597 Federal Emp. Number: 141995818
License Number or Builders Registration Number: _____
Home Warranty Number: _____ Type of Warranty Plan: ☐ State ☐ Private
Use Group: R-5 Construction Classification: _____
Maximum Live Load: 0 Maximum Occupancy Load: 0
Description of Work/Use: GENERATOR - ...w/ PLATFORM

Certificate Comments:

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than _____ or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of: _____
Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (_____ years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (_____ years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until _____

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: _____ or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of: _____
Conditions to be met:

Daniel Newman Jr

Construction Official

Date Printed: 6/28/2022

U.C.C. F260 (rev. 08/05)

Fee: \$0.00

Check Number: _____

Collected By: _____

Page 1

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

Agent Name MIKE DESSOIT

Address 209 WEST SYLVANIA AVENUE
NEPTUNE, NJ 07753

Telephone (321) 245-3844

Signature [Signature]

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



BUILDING SUBCODE TECHNICAL SECTION



Date Received
Control #

2/10/22

Date Issued
Permit #

22-0412

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 341 Lot 474 Qualification Code _____
Work Site Location 34 Kettle Creek Dr
Brook, NJ 08723
Building Owner Dana Fisher
Address 34 Kettle Creek Dr.
Brook, NJ 08723
Tel. _____
Contractor M7 Electric LLC
Address 209 W. Sylvia Avenue
Maple, NJ 07753
Tel. (202) 745-3596 FAX _____
Contractor License No. or Builder Registration No. 15950
Federal Emp. No. 14-1995818

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature _____

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Installation of
22K Generator.

—AS NOTED

"COASTAL"
FLOOD ZONE: AB

JOB SUMMARY (Office Use Only)			INSPECTIONS		Dates (Month/Day)			
PLAN REVIEW	Date	Initial	Type:	Failure	Failure	Approval	Initial	
☐ No Plans Required			Footing			3-9-22	JCB	
☒ All	2-8-22	JCB	Footing Bonding					
☐ Footing			Foundation					
☐ Foundation			Slab					
☐ Frame			Frame			3-2-22	JCB	
☐ Other			Truss Sys./Bracing					
☒ Subcode Approval	02/08/22	KCB	Barrier-Free					
☐ Elec.			Insulation					
☐ Plumb.			Finishes-Base Layer					
☐ Fire			Finishes-Final					
☐ Elevator			Energy					
			Mechanical					
			TCO					
			Other					
			Final			6-9-22	JCB	
			Barrier-Free					

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____
Constr. Class Present _____ Proposed _____
No. of Stories _____
Height of Structure _____ Ft.
Area—Largest Floor _____ Sq. Ft.
New Bldg. Area/All Floors _____ Sq. Ft.
Volume of New Structure _____ Cu. Ft.
Total Land Area Distributed _____ Sq. Ft.

Est. Cost of Bldg. Work:

1. New Bldg. \$ _____
2. Rehabilitation \$ _____
3. Total (1+2) \$ 3000

TYPE OF WORK

☐ New Building
☐ Addition
☐ Rehabilitation
☐ Roofing
☐ Siding
☐ Fence _____ Height (exceeds 6')
☐ Sign _____ Sq. Ft.
☐ Pool
☐ Asbestos Abatement Subchapter 8
☐ Lead Haz. Abatement NJAC 5:17
☐ Other _____
☐ Demolition

FEE (Office Use Only)

\$ _____

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

* 2-11-22 Footing not completed. 

* 5-3-22 Final 1) NEEDS A NON COMBUSTIBLE PLATFORM 6"
Beyond GENERATOR in all directions 



Brick Township

401 Chambers Bridge Road
Brick, NJ 08723
732-262-1030

CORRECTION NOTICE

ADDRESS 34 Hettle Creek

PERMIT NUMBER 22-0412

BLOCK 341

LOT 474

OWNER FRAME

Upon inspection, violations of the ☒ Building ☐ Plumbing ☐ Electric ☐ Fire Code
were in evidence and the following orders are hereby issued for their correction:

FRAME ok / Footings ok

Notes Generator set on a Non-combustible Platform
in order to DO A final Inspection

OK 6-9-22 JS

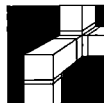
PLEASE CALL FOR INSPECTION WHEN CORRECTIONS HAVE BEEN COMPLETED. ACCEPTANCE AND
APPROVAL BY AN INSPECTOR OF THIS DEPARTMENT IS REQUIRED.

DATE 3-9-22

INSPECTOR JS



MECHANICAL INSPECTOR TECHNICAL SECTION



Date Received 2/10/22
Control #
Date Issued 22-0412
Permit #

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 341 Lot 474 Qualification Code _____
Work Site Location 34 Kettle Creek Dr

Owner in Fee: Donna Maher

Tel: _____ e-mail: _____

Address: n _____ W _____

Contractor: MM Electric LLC Tel. 732 7493596

Address 209 W. Sylvan Ave Neptune e-mail: _____

Contractor License No. or Builder Registration No. LS950 Exp. Date 03/24

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. _____ FAX: _____

B. MECHANICAL CHARACTERISTICS

Use Group Present: R-3 or R-5

Heating System work: [] New OR [] Modification to Existing OR [] Conversion OR [] Replacement

Type: [] Hydronic [] Hot Air

Fuel Type: [☒] Gas [] Oil [] Electric [] Solar [] Other _____

Estimated Cost of Mechanical Work \$ 500

JOB SUMMARY (Office Use Only)		INSPECTIONS		DATES	
PLAN REVIEW		Type:	Failure	Failure	Approval
[] No Plans Required		Gas Piping			5-3-22 <u>WJM</u>
[☒] Mechanical Plans Approved		Appliance			
Date: <u>1-25-22</u> Approved by: <u>WJM</u>		Chimney/Vent			
Joint Plan Review Required:		Oil Piping			
[] Bldg. [] Elec. [] Plumb. [] Fire		Oil Tank			
[] Elev.		LPG Tank			
SUBCODE APPROVAL for PERMIT		Hydronic Piping			
Date: <u>1-26-2022</u>		Fireplace			
Approved by: <u>[Signature]</u>		Chimney Cert			
SUBCODE APPROVAL for CERTIFICATE		Other <u>fire</u>			5-4-22 <u>WJM</u>
[] CA [] CCO					
Date: <u>5-4-22</u>					
Approved by: <u>WJM Acting</u>					

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Sign here: [Signature]

Print name here: Mike Mascetti

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Gas line to Generator

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
_____	Water Heater	\$ _____
_____	Fuel Oil Piping Connections	_____
<u>1</u>	Gas Piping Connections	_____
_____	Steam Boiler	_____
_____	Hot Water Boiler	_____
_____	Hot Air Furnace	_____
_____	Oil Tank	_____
_____	LPG Tank	_____
_____	Fireplace	_____
_____	Other	_____
Administrative Surcharge \$		_____
Minimum Fee \$		_____
State Permit Surcharge Fee \$		_____
TOTAL FEE \$		_____



CONSTRUCTION PERMIT

Date Issued 2/9/22
Control # C-22-000137
Permit # 22-0412

IDENTIFICATION Block: 341 Lot: 474 Qualifier _____
Work Site Location: 34 KETTLE CREEK DR. Brick Township, NJ Contractor MM Electric, LLC
Address 209 W SYLVANIA AVE Neptune NJ 07753
Owner in Fee MAHER, DONNA
5 VERONICA COURT NEW EGYPT NJ 08533 Telephone: (732) 749-3596
Telephone: _____ Lic. No. or Bldrs. Reg. No. 34EB01595000
Federal Employee No. 141995818

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☒ OTHER

DESCRIPTION OF WORK:

GENERATOR w/ PLATFORM

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$15,500

J. V. Vannan
Construction Official

2/9/22
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$150
Electrical	\$245
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other <u>1/10/21</u>	\$125.00
DCA Training Fee	\$30
CO Fee	
Other	\$0
Total	\$550
Check No. <u>(0421)</u>	
Cash	\$0
Credit	\$0
Collected By	

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

RECEIVING CLERK _____
DATE REC'D _____

ZONING PERMIT APPLICATION

PERMIT # 22-00177
DATE ISSUED 2/10/22

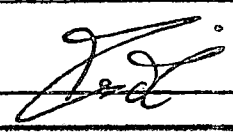
BLOCK: 341 LOT: 474 QUALIFIER: _____ SITE ADDRESS: _____

IDENTIFICATION:

1. NAME OF OWNER IN FEE: DONNA MAHER
COMPLETE ADDRESS: 34 KITTLE CREEK DR. BRICK
NJ 08723
PHONE [REDACTED] EMAIL: _____

2. NAME OF APPLICANT: NM ELECTRIC LLC
APPLICANT ADDRESS: 209 WEST SYLAND AVE
NEPTUNE, NJ 07753
PHONE # (732) 749-3590 EMAIL: _____

3. RESPONSIBLE PERSON FOR WORK: NM ELECTRIC LLC
PHONE # (732) 749-3590 FAX# _____

4. SIGNATURE OF APPLICANT: _____


FOR OFFICE USE ONLY

FEE SUMMARY:

APPLICATION FEE: \$ _____
OTHER: \$ _____
TOTAL: \$ _____

REQUIRED BY APPLICANT

RESIDENTIAL: _____
COMMERCIAL: _____
EXISTING USE: _____
PROPOSED USE: _____

BOARD APPROVAL: _____ PB _____ ZB _____
RESOLUTION#: _____
APPROVAL DATE: _____

PROJECT DESCRIPTION: (PLEASE CHECK APPLICABLE WORK & DESCRIBE)

*NEW BUILDING: _____ *ADDITION: _____ *ALTERATION: _____ *PORCH: _____ *DECK: _____

POOL: ABOVE GROUND _____ IN GROUND _____ FENCE: HEIGHT _____ TYPE _____

HEIGHT: _____ (*APPLICABLE)

OTHER: GENERATOR

DESCRIPTION: INSTALLATION OF A 12KW GENERATOR

ZONING REVIEW:

DATE REVIEWED: 1-21-22 DATE DENIED: _____ DATE APPROVED: 1-21-22 INTLS: C

(SEE BACK PAGE)



Brick Township
401 Chambers Bridge Rd.
Brick, NJ 08723
(732) 262-1041

Date Issued: 2/10/22
Application Number: ZA-22-00056
Application Date: 1/20/2022
Project Number: _____
Permit Number: 22-00177
Fee: \$75.00

Zoning Permit

Worksite **34 KETTLE CREEK DR.**
Location: **Brick Township, NJ 08723**

Owner: **MAHER, DONNA**
Address: **5 VERONICA COURT**
NEW EGYPT, NJ 08533

Applicant: **MM Electric, LLC**
Address: **209 W SYLVANIA AVE**
Neptune, NJ 07753

Block: 341 Lot: 474 Qualifier: _____ Zone: R-7.5

This Certifies that an application for the issuance of a Zoning Permit has been examined.

Present Use: Single-Family Residential

☐ Non Conforming Use

☐ Non Conforming Structure

Proposed Use: Single-Family Residential

Work Description:

Generator, Standby, Platform - Standby Generator 20kW

The generator and platform must be setback at least 25' from the front property line, 5' from the side property line, and 15' from the rear property line and bulkhead. Must be raised to the required flood elevation.

Additional Zoning permit is required for additional work.

Application Approved Date: 1/21/2022

Upon review it was determined that the Zoning Permit:

☒ Permitted by Ordinance

☐ Permitted by Variance approved on: _____

☐ Approved with Conditions

☐ Valid Nonconforming Use/Structure is established by

☐ Zoning Board of Adjustment

☐ Zoning Officer

Christopher J. Romano, Zoning Officer

1/21/2022

Date

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name DONNA MAHER

Policy Number

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
34 KETTLE CREEK DRIVE

Company NAIC Number

City BRICK

State NJ ZIP Code 08723

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
TOWNSHIP OF BRICK; LOT 474, BLOCK 341

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 40°01'52.8"N Long. 074°08'01.0"W

Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 6

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) 1,290 sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 7
c) Total net area of flood openings in A8.b 1,400 sq in
d) Engineered flood openings? ☒ Yes ☐ No

A9. For a building with an attached garage:

- a) Square footage of attached garage 590 sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 3
c) Total net area of flood openings in A9.b 600 sq in
d) Engineered flood openings? ☒ Yes ☐ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
TOWNSHIP OF BRICK 345285

B2. County Name
OCEAN

B3. State
NJ

B4. Map/Panel Number
34029C0192

B5. Suffix
F

B6. FIRM Index Date
9-29-2006

B7. FIRM Panel Effective/Revised Date
Sept. 29, 2006

B8. Flood Zone(s)
AE

B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
5

310. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.

☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source: _____

311. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

312. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: _____
☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: GPS RTK OBSERVATION Vertical Datum: 1988

Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____
Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

- | | | |
|--|-------|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | 3.90 | ☒ feet ☐ meters |
| b) Top of the next higher floor | 15.0 | ☒ feet ☐ meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | _____ | ☐ feet ☐ meters |
| d) Attached garage (top of slab) | 4.2 | ☒ feet ☐ meters |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) | 12.0 | ☒ feet ☐ meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 3.4 | ☒ feet ☐ meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 4.2 | ☒ feet ☐ meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | 3.5 | ☒ feet ☐ meters |

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☒ Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No
☒ Check here if attachments.

Certifier's Name William H. Doolittle

License Number 24GS3624000

Title Prof. Land Surveyor

Company Name Lindstrom, Diessner & Carr, P.C.

Address 136 Drum Point Rd., Suite 6

City Brick

State NJ ZIP Code 08723

Signature [Signature] Date March 7, 2016

Telephone (732) 477-8900

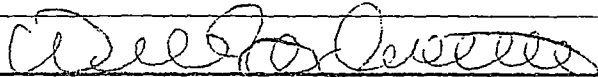
ELEVATION CERTIFICATE, page 2

IMPORTANT: In these spaces, copy the corresponding information from Section A.		FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 34 KETTLE CREEK DRIVE		Policy Number:
City BRICK	State NJ ZIP Code 08723	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments FEMA PRELIMINARY FLOOD INSURANCE RATE MAP (PFIRM) (REVISED RELEASED 1/30/2015) FLOOD HAZARD ZONE AE-8 (LIMWA). FURANCE AT ELEVATION 12.0 FEET; A/C PLATFORM AT ELEVATION 14.2 FEET; BOTTOM OF ELECTRIC PANEL AT ELEVATION 18.2 FEET; BOTTOM OF WALL MOUNT HOT WATER HEATER AT ELEVATION 19.2 FEET. SEVEN (7) SMART VENTS LOCATED WITHIN LOWER LEVEL AT ELEVATION 4.3 FEET; THREE (3) SMART VENTS WITHIN GARAGE AREA AT 4.3 FEET; SMART VENT MODEL #1540-520.

Signature  Date March 7, 2016

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name

Address	City	State	ZIP Code
Signature	Date	Telephone	
Comments			

☐ Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy issued
-------------------	------------------------	---

- G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____
- G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date
Comments	

☐ Check here if attachments.

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Examiners of Electrical Contractors
HAS LICENSED
Michele Masotti
Electrical Contractor

02/10/2021 TO 03/31/2024

VALID

34E101595000

License/Registration/Certificate #

SIGNATURE

ACTING DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Examiners of Electrical Contractors
HAS LICENSED
MMELECTRIC LLC
Electrical Business Permit

02/10/2021 TO 03/31/2024

VALID

34EB01595000

License/Registration/Certificate #

SIGNATURE

ACTING DIRECTOR

ENGINEERING PERMIT APPLICATION

RECEIVING CLERK _____

PERMIT # _____

BLOCK 341 LOT 474 ADDRESS _____**IDENTIFICATION:**1. WORK SITE ADDRESS 34 Kettle Creek Dr. Brick NJ2. APPLICANT NM Electric LLC3. NAME OF OWNER IN FEE Dana MillerADDRESS 34 Kettle Creek Dr. BrickPHON [REDACTED] EMAIL _____4. PRINCIPAL CONTRACTOR NM Electric LLCADDRESS 209 West Sylvania Ave. Neptune NJ 07753PHONE (832) 749-3590 EMAIL MIKE@NMELECTRICNJ.COM5. ARCHITECT OR ENGINEER IMPERIAL DESIGN SURFACES

ADDRESS _____

PHONE (832) 900-7421 EMAIL IMPERIALDESIGNSURFACES@GMAIL.COM6. RESPONSIBLE PERSON FOR WORK NM Electric LLCADDRESS 209 West Sylvania Ave. Neptune NJ 07753PHONE (832) 749-3590 EMAIL MIKE@NMELECTRICNJ.COM**PROJECT DESCRIPTION:**☐ GRADING/CLEARING☐ ROAD OPENING☐ SOIL REMOVAL / FILL☐ RETAINING WALL☐ POOL☐ BULKHEAD / DOCK☐ DWELLING☐ TREE REMOVAL☐ COMMERCIAL SITE MAINTENANCE☒ DESCRIPTION 22 KW GENERATOR**FEE SUMMARY:**

APPLICATION FEE \$ _____

REVIEW FEE \$ _____

INSPECTION FEE \$ _____

OTHER \$ _____

BOND(S) \$ _____

TOTAL \$ _____

SPECIAL CONDITIONS:

OCEAN COUNTY SOILS _____

DRAINAGE EASEMENTS _____

UTILITY EASEMENTS _____

CONSERVATION EASEMENTS _____

FEMA REQUIREMENTS _____

D.E.P. PERMITS _____

BOARD APPROVAL: ☐ PB ☐ ZB

APPLICATION NUMBER _____

APPROVED DATE _____

ENGINEERING REVIEW:

DATE RECEIVED _____ DATE REJECTED _____ DATE APPROVED _____ INITIALS _____

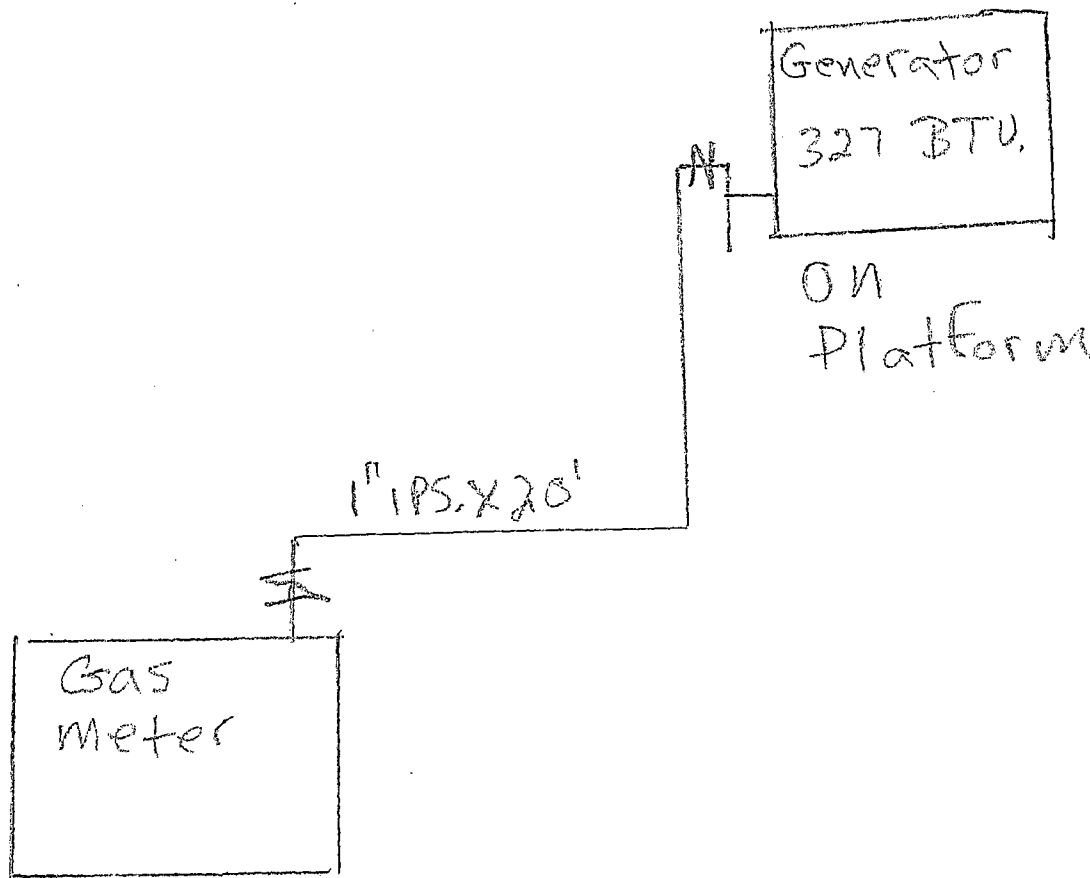
MM Electric 732 749-3596
209 W Sylvania Ave. Neptune City
License #15950 Exp 03/24
Federal Employee # 141995818
PIC Mike Masotti 732-749-3596

PLUMBING

JAN 20 2022

APPROVED

FILE COPY



Dana Parker
34 Kettle Creek Dr.
Bridle, NJ 08723

Donna Maher

2984 SQ' @ 3 VA

1500x2 S.A.

Laundry

Dishwasher

Sump pump

A/c Shed

FILE COPY

15552 VA

10000 @ 100%

5552 @ 40%

TOWNSHIP OF BRICK

RELEASED FOR PERMIT INITIAL DATE

Building Subcode Reviewer JB 2/8/22

Plumbing Subcode Reviewer _____

Fire Subcode Reviewer _____

Electrical Subcode Reviewer to 2/3/22

AS NOTED

51A

34 Kettle Creek Dr

Brick 08723

8952 VA

3000 VA

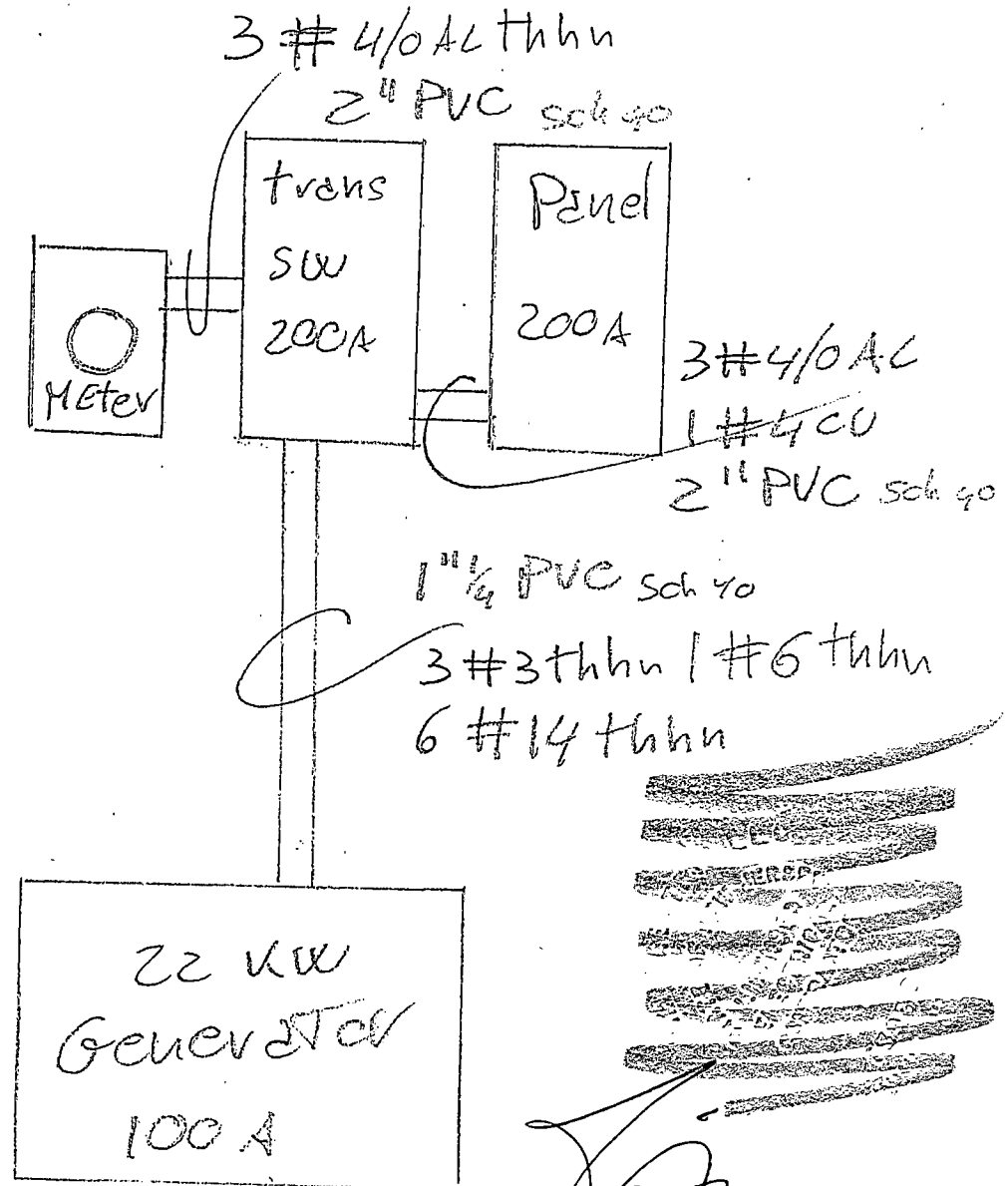
1500 VA

1200 VA

900 VA

12220 VA

MM Electric 15950
209 W. Sylvan Ave Neptune City



20/22 kW

GENERAC®

GUARDIAN® SERIES
Residential Standby Generators
Air-Cooled Gas Engine

20/22 kW

10

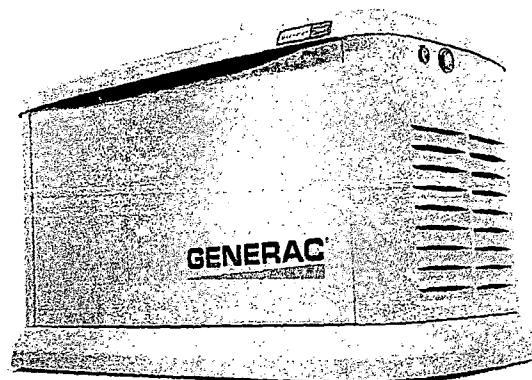
Standby Power Rating

G007038-1, G007039-1, G007038-3, G007039-3 (Aluminum - Bisque) - 20 kW 60 Hz
G007042-2, G007043-2, G007042-3, G007043-3 (Aluminum - Bisque) - 22 kW 60 Hz

INCLUDES:

- True Power™ Electrical Technology
- Two-line multilingual digital LCD Evolution™ controller (English/Spanish/French/Portuguese)
- 200 amp service rated smart switch transfer switch available
- Electronic governor
- Standard Wi-Fi® connectivity
- System status & maintenance interval LED indicators
- Sound attenuated enclosure
- Flexible fuel line connector
- Natural gas or LP gas operation
- 5 Year limited warranty
- Listed and labeled by the Southwest Research Institute allowing installation as close as 18 in (457 mm) to a structure.*
*Must be located away from doors, windows, and fresh air intakes and in accordance with local codes.

https://assets.swri.org/library/DirectoryOfListedProducts/ConstructionIndustry/973_DoC_204_13204-01-01_Rev9.pdf



QUIET TEST™



Note: CETL or CUL certification only applies to unbundled units and units packaged with limited circuit switches. Units packaged with the Smart Switch are ETL or UL certified in the USA only.

FEATURES

- **INNOVATIVE ENGINE DESIGN & RIGOROUS TESTING** are at the heart of Generac's success in providing the most reliable generators possible. Generac's G-Force engine lineup offers added peace of mind and reliability for when it's needed the most. The G-Force series engines are purpose built and designed to handle the rigors of extended run times in high temperatures and extreme operating conditions.
- **TRUE POWER™ ELECTRICAL TECHNOLOGY:** Superior harmonics and sine wave form produce less than 5% Total Harmonic Distortion for utility quality power. This allows confident operation of sensitive electronic equipment and micro-chip based appliances, such as variable speed HVAC systems.
- **TEST CRITERIA:**
 - ✓ **PROTOTYPE TESTED**
 - ✓ **SYSTEM TORSIONAL TESTED**
 - ✓ **NEMA MG1-22 EVALUATION**
 - ✓ **MOTOR STARTING ABILITY**
- **MOBILE LINK® CONNECTIVITY:** FREE with select Guardian Series Home standby generators, Mobile Link Wi-Fi allows users to monitor generator status from anywhere in the world using a smartphone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Users can connect an account to an authorized service dealer for fast, friendly, and proactive service. With Mobile Link, users are taken care of before the next power outage.
- **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION:** This state-of-the-art power maximizing regulation system is standard on all Generac models. It provides optimized FAST RESPONSE to changing load conditions and MAXIMUM MOTOR STARTING CAPABILITY by electronically torque-matching the surge loads to the engine. Digital voltage regulation at $\pm 1\%$.
- **SINGLE SOURCE SERVICE RESPONSE** from Generac's extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.
- **GENERAC TRANSFER SWITCHES:** Long life and reliability are synonymous with GENERAC POWER SYSTEMS. One reason for this confidence is that the GENERAC product line is offered with its own transfer systems and controls for total system compatibility.

THE GENERAC
PROMISE



*According to the UL Listing Agency's website

Engine

- Generac G-Force design
- "Spiny-lok" cast iron cylinder walls
- Electronic ignition/spark advance
- Full pressure lubrication system
- Low oil pressure shutdown system
- High temperature shutdown

Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings help the engine run cooler, reducing oil consumption and resulting in longer engine life.

Rigid construction and added durability provide long engine life.

These features combine to assure smooth, quick starting every time.

Pressurized lubrication to all vital bearings means better performance, less maintenance, and longer engine life. Now featuring up to a 2 year/200 hour oil change interval.

Shutdown protection prevents catastrophic engine damage due to low oil.

Prevents damage due to overheating.

Generator

- Revolving field
- Skewed stator
- Displaced phase excitation
- Automatic voltage regulation
- UL 2200 listed

Allows for a smaller, light weight unit that operates 25% more efficiently than a revolving armature generator.

Produces a smooth output waveform for compatibility with electronic equipment.

Maximizes motor starting capability.

Regulating output voltage to $\pm 1\%$ prevents damaging voltage spikes.

For your safety.

Transfer Switch (if applicable)

- Fully automatic
- NEMA 3R
- Remote mounting

Transfers vital electrical loads to the energized source of power.

Can be installed inside or outside for maximum flexibility.

Mounts near an existing distribution panel for simple, low-cost installation.

Evolution™ Controls

- AUTO/MANUAL/OFF illuminated buttons
- Two-line multilingual LCD display
- Sealed, raised buttons
- Utility voltage sensing
- Generator voltage sensing
- Utility interrupt delay
- Engine warm-up
- Engine cool-down
- Programmable exercise
- Smart battery charger
- Main line circuit breaker
- Electronic governor

Selects the operating mode and provides easy, at-a-glance status indication in any condition.

Provides homeowners easily visible logs of history, maintenance, and events up to 50 occurrences.

Smooth, weather-resistant user interface for programming and operations.

Constantly monitors utility voltage, setpoints 65% dropout, 80% pick-up, of standard voltage.

Constantly monitors generator voltage to verify the cleanest power delivered to the home.

Prevents nuisance start-ups of the engine, adjustable 2-1500 seconds from the factory default setting of 5 seconds by a qualified dealer.

Verifies engine is ready to assume the load, setpoint approximately 5 seconds.

Allows engine to cool prior to shutdown, setpoint approximately 1 minute.

Operates engine to prevent oil seal drying and damage between power outages by running the generator for 5 minutes every other week. Also offers a selectable setting for weekly or monthly operation providing flexibility and potentially lower fuel costs to the owner.

Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature.

Compatible with lead acid and AGM-style batteries.

Protects generator from overload.

Maintains constant 60 Hz frequency.

Unit

- SAE weather protective enclosure
- Enclosed critical grade muffler
- Small, compact, attractive

Sound attenuated enclosures ensure quiet operation and protection against mother nature, withstanding winds up to 150 mph (241 km/h). Hinged key locking roof panel for security. Lift-out front for easy access to all routine maintenance items. Electrostatically applied textured epoxy paint for added durability.

Quiet, critical grade muffler is mounted inside the unit to prevent injuries.

Makes for an easy, eye appealing installation, as close as 18 in (457 mm) away from a structure.

20/22 kW**Features and Benefits****Installation System**

- 14 in (35.6 cm) flexible fuel line connector
- Integral sediment trap

Listed ANSI Z21.75/CSA 6.27 outdoor appliance connector for the required connection to the gas supply piping.

Meets IFGC and NFPA 54 installation requirements.

Connectivity (Wi-Fi equipped models only)

- Ability to view generator status
- Ability to view generator Exercise/Run and Total Hours
- Ability to view generator maintenance information
- Monthly report with previous month's activity
- Ability to view generator battery information
- Weather information

Monitor generator with a smartphone, tablet, or computer at any time via the Mobile Link application for complete peace of mind.

Review the generator's complete protection profile for exercise hours and total hours.

Provides maintenance information for the specific model generator when scheduled maintenance is due.

Detailed monthly reports provide historical generator information.

Built in battery diagnostics displaying current state of the battery.

Provides detailed local ambient weather conditions for generator location.

Specifications

Generator

Model	G007038-1, G007039-1 (20 kW)	G007042-2, G007043-2 (22 kW)	G007038-3, G007039-3 (20 kW)	G007042-3, G007043-3 (22 kW)
Rated maximum continuous power capacity (LP)	20,000 Watts*	22,000 Watts*	20,000 Watts*	22,000 Watts*
Rated maximum continuous power capacity (NG)	18,000 Watts*	19,500 Watts*	18,000 Watts*	19,500 Watts*
Rated voltage	240			
Rated maximum continuous load current – 240 volts (LP/NG)	83.3 / 75.0	91.7 / 81.3	83.3 / 75.0	91.7 / 81.3
Total Harmonic Distortion	Less than 5%			
Main line circuit breaker	90 amp	100 amp	90 amp	100 amp
Phase	1			
Number of rotor poles	2			
Rated AC frequency	60 Hz			
Power factor	1.0			
Battery requirement (not included)	12 Volts, Group 26R 540 CCA minimum or Group 35AGM 650 CCA minimum			
Unit weight (lb / kg)	448 / 203	466 / 211	436 / 198	445 / 202
Dimensions (L x W x H) in / cm	48 x 25 x 29 / 121.9 x 63.5 x 73.7			
Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load**	67	67	67	67
Sound output in dB(A) at 23 ft (7 m) with generator in Quiet-Test™ low-speed exercise mode**	55	57	55	57
Exercise duration	5 min			

Engine

Engine type	GENERAC G-Force 1000 Series			
Number of cylinders	2			
Displacement	999 cc			
Cylinder block	Aluminum w/ cast iron sleeve			
Valve arrangement	Overhead valve			
Ignition system	Solid-state w/ magneto			
Governor system	Electronic			
Compression ratio	9.5:1			
Starter	12 VDC			
Oil capacity including filter	Approx. 1.9 qt / 1.8 L			
Operating rpm	3,600			
Fuel consumption				
Natural gas	ft ³ /hr (m ³ /hr)			
1/2 Load	204 (5.78)	228 (6.46)	164 (4.64)	203 (5.75)
Full Load	301 (8.52)	327 (9.26)	287 (8.13)	306 (8.66)
Liquid propane	ft ³ /hr (gal/hr) [L/hr]			
1/2 Load	87 (2.37) [8.99]	92 (2.53) [9.57]	86 (2.36) [8.95]	92 (2.53) [9.57]
Full Load	130 (3.56) [13.48]	142 (3.90) [14.77]	136 (3.74) [14.15]	142 (3.90) [14.77]

Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load ranges – 3.5–7 in water column (0.87–1.74 kPa) for NG, 10–12 in water column (2.49–2.99 kPa) for LP gas. For BTU content, multiply ft³/hr x 2500 (LP) or ft³/hr x 1000 (NG). For Megajoule content, multiply m³/hr x 93.15 (LP) or m³/hr x 37.26 (NG).

Controls

Two-line plain text multilingual LCD	Simple user interface for ease of operation.
Mode buttons: AUTO	Automatic start on utility failure. Weekly, Bi-weekly, or Monthly selectable exerciser.
MANUAL	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
OFF	Stops unit. Power is removed. Control and charger still operate.
Ready to Run/Maintenance messages	Standard
Engine run hours indication	Standard
Programmable start delay between 2–1500 seconds	Standard (programmable by dealer only)
Utility Voltage Loss/Return to Utility adjustable (brownout setting)	From 140–171 V / 190–216 V
Future Set Capable Exerciser/Exercise Set Error warning	Standard
Run/Alarm/Maintenance logs	50 events each
Engine start sequence	Cyclic cranking: 16 sec on, 7 rest (90 sec maximum duration).
Starter lock-out	Starter cannot re-engage until 5 sec after engine has stopped.
Smart Battery Charger	Standard
Charger Fault/Missing AC warning	Standard
Low Battery/Battery Problem Protection and Battery Condition indication	Standard
Automatic Voltage Regulation with Over and Under Voltage Protection	Standard
Under-Frequency/Overload/Stepper Overcurrent Protection	Standard
Safety Fused/Fuse Problem Protection	Standard
Automatic Low Oil Pressure/High Oil Temperature Shutdown	Standard
Overcrank/Overspeed (@ 72 Hz)/rpm Sense Loss Shutdown	Standard
High Engine Temperature Shutdown	Standard
Internal Fault/Incorrect Wiring protection	Standard
Common external fault capability	Standard
Field upgradable firmware	Standard

**Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters. Rating definitions – Standby: Applicable for supplying emergency power for the duration of the utility power outage. No overload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046 and DIN6271). * Maximum kilovolt amps and current are subject to and limited by such factors as fuel BTU/megajoule content, ambient temperature, altitude, engine power and condition, etc. Maximum power decreases approximately 3.5% for each 1,000 ft (304.8 m) above sea level; and also will decrease approximately 1% for each 10 °F (6 °C) above 60 °F (16 °C).

20/22 kW

Switch Options

Service Rated Smart Switch Features

- Includes digital power management technology (DPM) standard.
- Intelligently manages up to four air conditioner loads with no additional hardware.
- Up to eight additional large (240 VAC) loads can be managed when used in conjunction with Smart Management Modules (SMMs).
- Electrically operated, mechanically-held contacts for fast, clean connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 2-pole, 250 VAC contactors.
- Service equipment rated, dual coil design.
- Rated for both aluminum and copper conductors.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA/UL 3R aluminum outdoor enclosure allows for indoor or outdoor mounting flexibility.

Model

G007039-1 (20 kW)
G007043-2 (22 kW)
G007039-3 (20 kW)
G007043-3 (22 kW)

No. of poles	2
Current rating (amps)	200
Voltage rating (VAC)	120/240, 1Ø
Utility voltage monitor (fixed)*	
-Pick-up	80%
-Dropout	65%
Return to Utility*	Approx. 13 sec
Exercises bi-weekly for 5 minutes*	Standard
ETL or UL listed	Standard
Enclosure type	NEMA/UL 3R
Circuit breaker protected	22,000
Lug range	250 MCM - #6

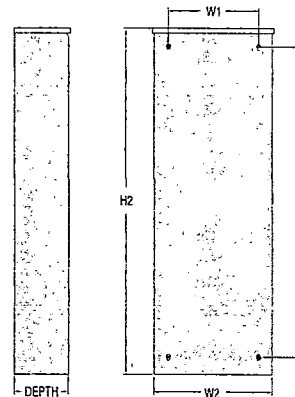
*Function of Evolution controller

Exercise can be set to weekly or monthly

Dimensions

200 Amps 120/240, 1Ø Open Transition Service Rated					
	Height		Width		Depth
	H1	H2	W1	W2	
in	26.75	30.1	10.5	13.5	6.91
cm	67.95	76.45	26.67	34.29	17.55

Wire Ranges		
Conductor Lug	Neutral Lug	Ground Lug
400 MCM - #4	350 MCM - #6	2/0 - #14

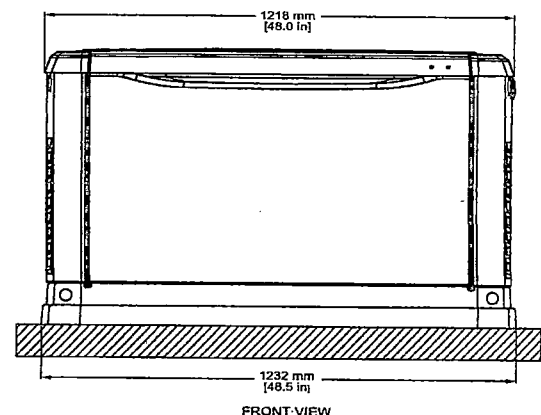
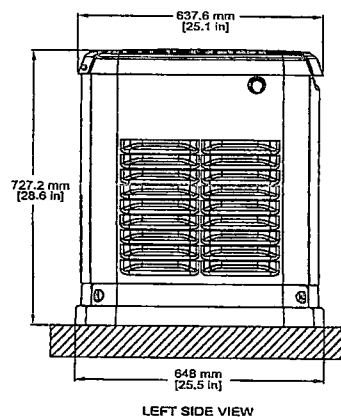


Available Accessories

Model #	Product	Description
G005819-0	26R Wet Cell Battery	Every standby generator requires a battery to start the system. Generac offers the recommended 26R wet cell battery for use with all air-cooled standby product (excluding PowerPact®).
G007101-0	Battery Pad Warmer	Pad warmer rests under the battery. Recommended for use if temperature regularly falls below 0 °F (-18 °C). (Not necessary for use with AGM-style batteries).
G007102-0	Oil Warmer	Oil warmer slips directly over the oil filter. Recommended for use if temperature regularly falls below 0 °F (-18 °C).
G007103-1	Breather Warmer	Breather warmer is for use in extreme cold weather applications. For use with Evolution controllers only in climates where heavy icing occurs.
G005621-0	Auxiliary Transfer Switch Contact Kit	The auxiliary transfer switch contact kit allows the transfer switch to lock out a single large electrical load that may not be needed. Not compatible with 50 amp pre-wired switches.
G007027-0 - Bisque	Fascia Base Wrap Kit (Standard on 22 kW)	The fascia base wrap snaps together around the bottom of the new air-cooled generators. This offers a sleek, contoured appearance as well as offering protection from rodents and insects by covering the lifting holes located in the base.
G005703-0 - Bisque	Touch-Up Paint Kit	If the generator enclosure is scratched or damaged, it is important to touch up the paint to protect from future corrosion. The touch-up paint kit includes the necessary paint to correctly maintain or touch up a generator enclosure.
G006485-0	Scheduled Maintenance Kit	Generac's scheduled maintenance kit provides all the items necessary to perform complete routine maintenance on a Generac automatic standby generator (oil not included).
G007005-0	Wi-Fi LP Tank Fuel Level Monitor	The Wi-Fi enabled LP tank fuel level monitor provides constant monitoring of the connected LP fuel tank. Monitoring the LP tank's fuel level is an important step in verifying the generator is ready to run during an unexpected power failure. Status alerts are available through a free application to notify users when the LP tank is in need of a refill.
G007000-0 (50 amp) G007006-0 (100 amp)	Smart Management Module	Smart Management Modules (SMM) are used to optimize the performance of a standby generator. It manages large electrical loads upon startup and sheds them to aid in recovery when overloaded. In many cases, using SMM's can reduce the overall size and cost of the system.
G007169-0	Mobile Link® Cellular Accessories	The Mobile Link family of Cellular Accessories allows users to monitor generator status from anywhere in the world, using a smart phone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Users can connect an account with an authorized service dealer for fast, friendly, and proactive service. With Mobile Link, users are taken care of before the next power outage.

Dimensions & UPCs

Model	UPC
G007038-1	696471074185
G007038-3	696471074185
G007039-1	696471074192
G007039-3	696471074192
G007042-2	696471074208
G007042-3	696471074208
G007043-2	696471074215
G007043-3	696471074215



Dimensions shown are approximate. See installation manual for exact dimensions. DO NOT USE THESE DIMENSIONS FOR INSTALLATION PURPOSES.

3.1 SITE SELECTION

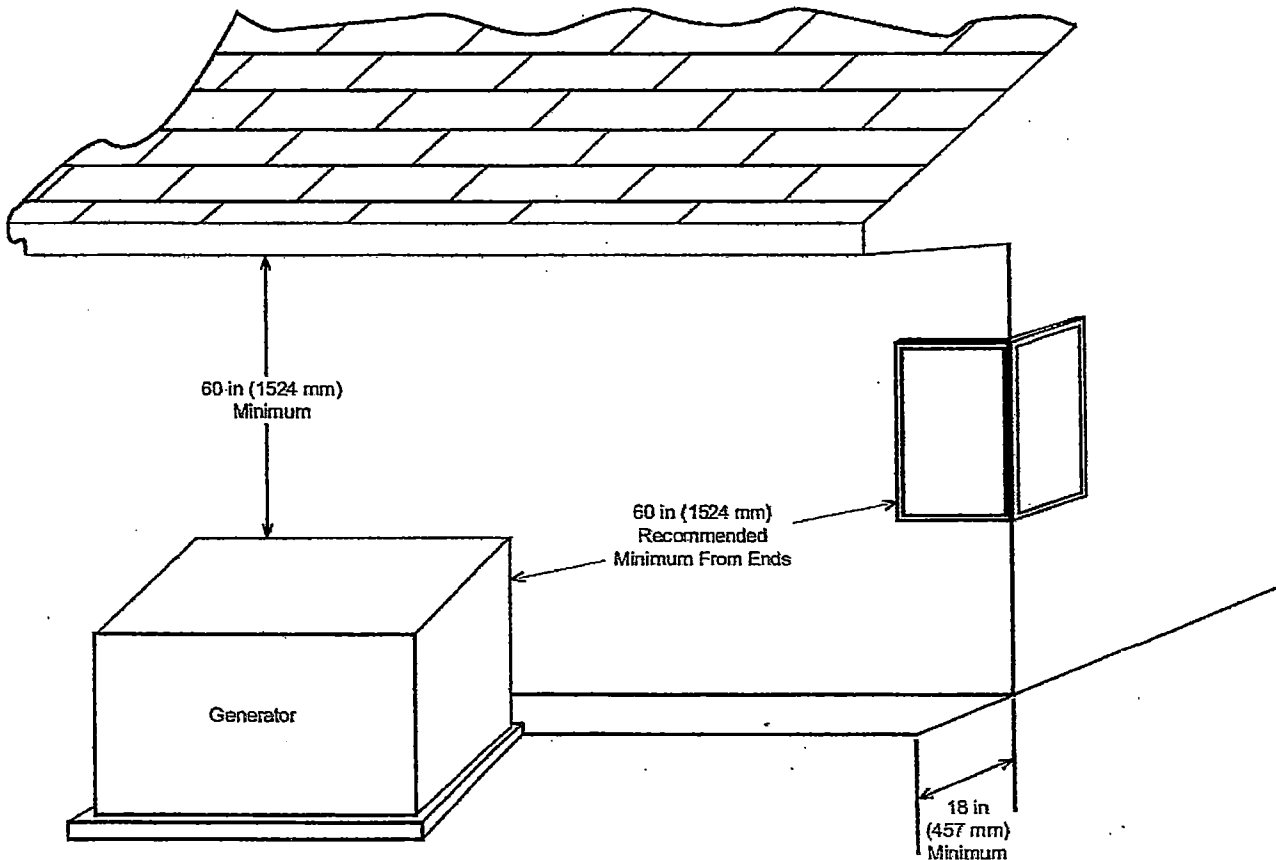
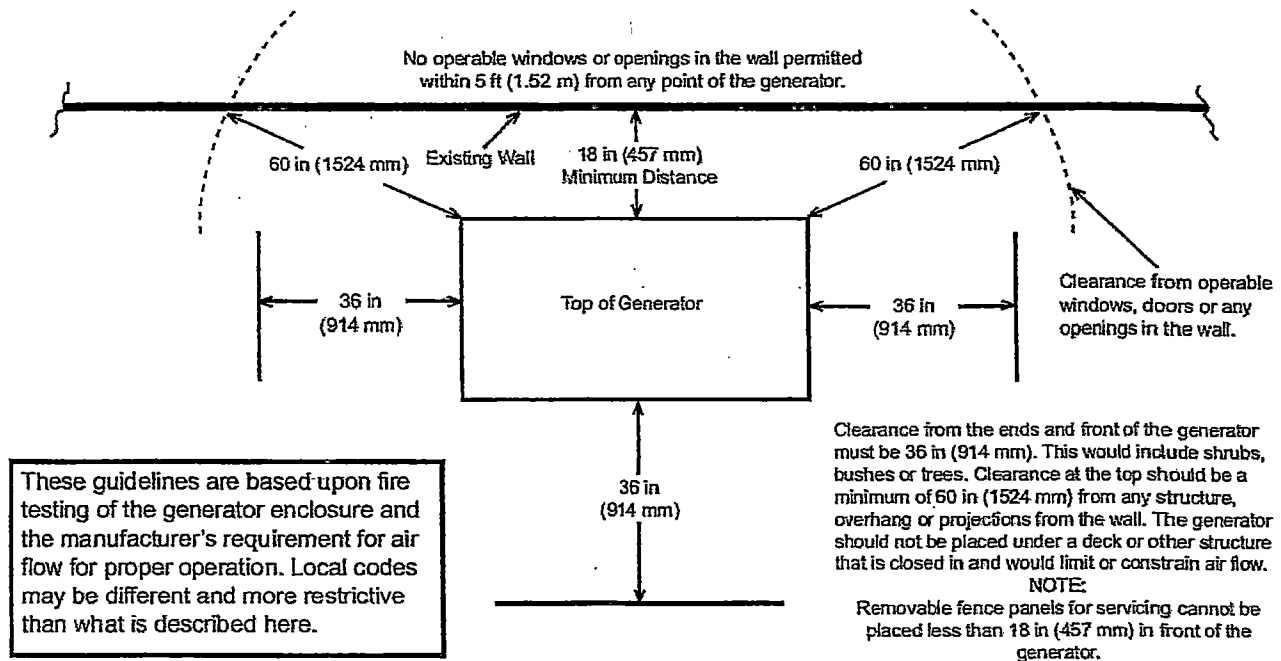
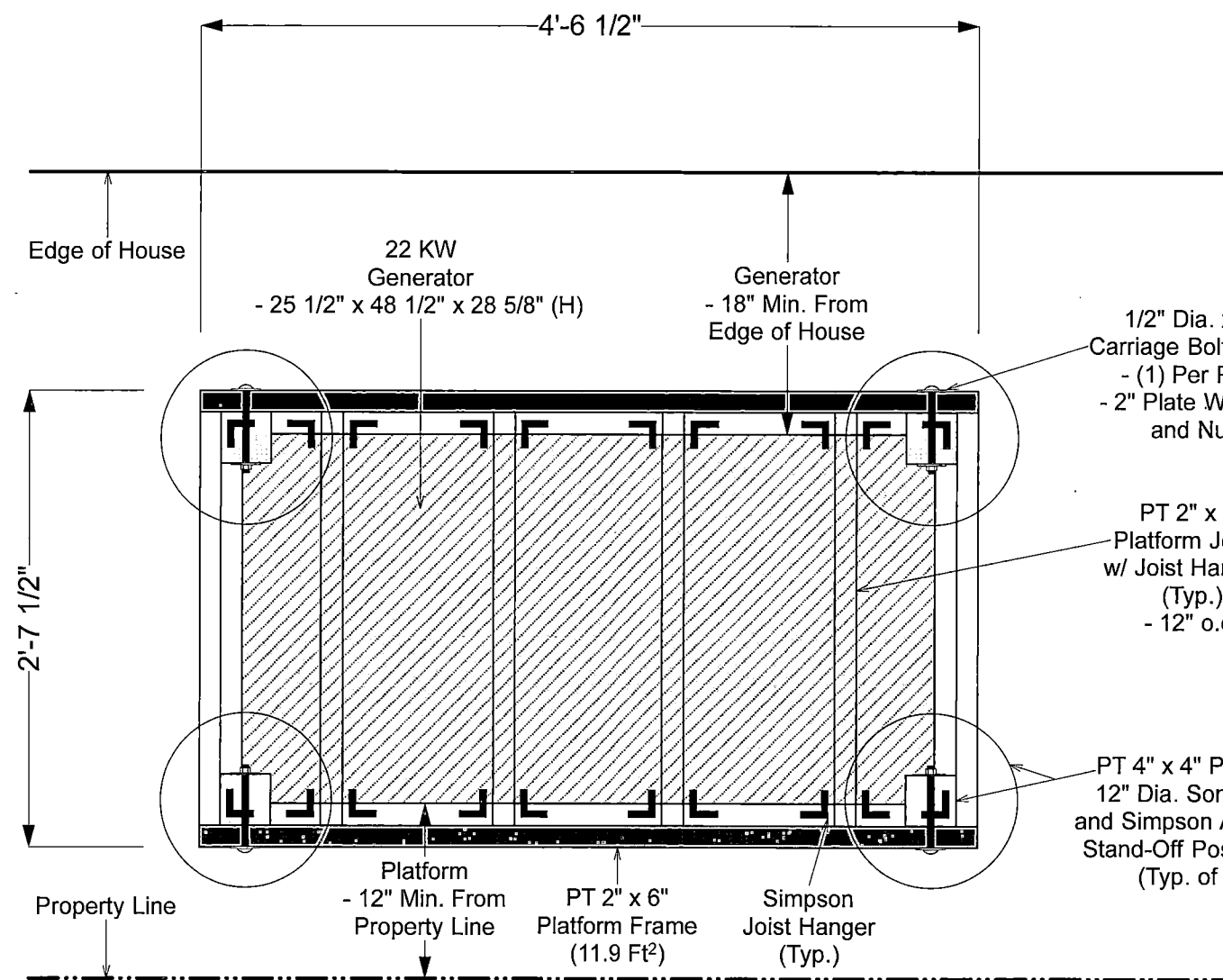
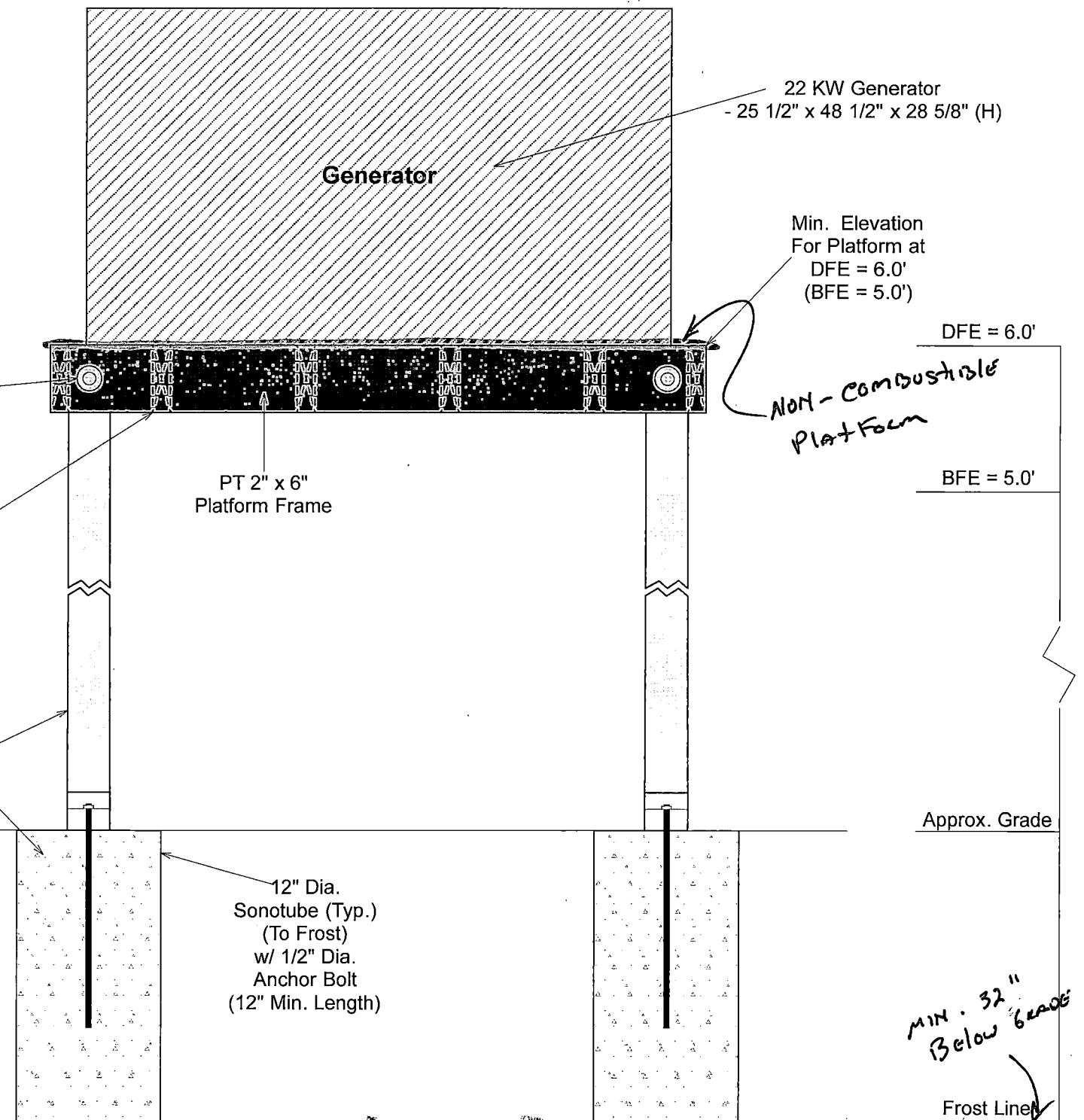


Figure 3.1 - Installation Guidelines

Detail A
Proposed Generator Platform
(Plan View)



Detail B
Proposed Generator Platform
(Profile)



Minimum Separation Distances
 - Generator to House = 18"
 - Generator to Property Line = 12"
 - Generator to Windows, Doors and Fresh Air Supplies = 60"
 - 36" Free Space In Front of Generator Required For Servicing

12/08/21	Township of Brick, Ocean County, NJ	Details A-B Generator Platform	Albert B. Varosi, P.E.
Sheet 1 of 1	Block 341, Lot 474		Professional Engineer #35336
1" = 1.0'	34 Kettle Creek Drive		52 Harvard Avenue
	Donna Maher		Point Pleasant Beach, NJ 08742
			(732) 674-5408
			albertvarosi@gmail.com