GENERATOR INSTALLATION REQUIREMENTS:

IN EXISTING 1 & 2 FAMILY DWELLINGS:

1. Completed Construction Permit Application
2. Completed Zoning Application
3. Copy of Survey including Title block with the location of the generator indicating the distance to the property line & structure
4. Completed, Signed & sealed, Electrical & Mechanical Subcode Forms
5. (A Building Subcode is also required if pouring a concrete pad)
6. Specifications of the equipment

FOR ALL NEW CONSTRUCTION and ADDITIONS:

1. Items 1-3 above and
2. Completed, Signed & sealed, Electrical, Plumbing and Fire Subcode Forms
3. (A Building Subcode is also required if pouring a concrete pad)
4. Specifications of the equipment

Revised Feb. 2020
Permit applications accepted daily from 9:00 am until 1:30 pm and from 3:00 until 4:00 pm

Inspection requests require the following information:
1) Permit number
2) Type of inspection requested (Building, Electrical, Plumbing, Fire)
3) Day of the requested inspection.
4) Telephone number for contact purposes if your request cannot be accommodated

Minimum of 24 hour notice for all inspection requests, ALL TIMES ARE APPROXIMATE:
Building inspections are Monday thru Friday 8:30 am to 4 pm
Fire inspections are Monday 9am-1pm Tuesday 8am-12 Thursday 12-5 pm Friday 9am-1 pm
Electrical inspections are Monday thru Friday, 11:00 am to 3 pm.
Plumbing inspections are Monday thru Thursday, 11:30 am to 4:30 pm.
Please be aware that due to the volume of Construction jobs, we cannot give exact times for these inspections.
Contractors MUST INSTALL 6 ft. chain link fence, per Ordinance NO. 13-15 around perimeter of excavation site prior to any work. Do NOT remove fence until Construction Official grants approval of removal.

Required inspections pursuant to N.J.A.C. 5:23-2.18 for all new buildings, additions, renovation, alterations:
1) Footing inspection-bottom of the trench PRIOR to pouring of concrete (MUST provide soil compaction report at inspection)
2) Foundation inspection PRIOR to the placement of backfill.
   2 a) Foundation Location Survey REQUIRED for new construction PRIOR to framing
3) Slab inspection PRIOR to placement of concrete
4) Electrical rough wiring
5) Plumbing rough installations
6) Fire Rough inspection
7) Framing inspections AFTER rough electric/plumbing/Fire passed-PRIOR to insulation
8) Insulation inspection PRIOR to sheetrock
9) Final electric, final plumbing, final fire inspections
10) Final building inspections
11) No Certificates of Occupancy shall be issued PRIOR to submittal & Approval of Final As Built Survey and final surface grading inspection approvals by Borough Engineer M. Sgaramella (973-410-5473) & Morris County Soil District, Sheila Hall (973-285-2953).

Failure to comply with the above required inspections as indicated in N.J.A.C. 5:23-2.18 will result in administrative penalties of not more than $2000.00 as permitted in N.J.A.C. 5:23-2.3 lb
ZONING APPLICATION

Control # __________________ Date Submitted ____________________

Work Site Address: __________________________ Blk. ________ Lot ________

Property Owner: __________________________ Phone #: __________________

Owner’s Email: ___________________________ Owner’s Address________________

Agent/Contractor ________________________ Agent/Ctr. Address________________

Agent/Contractor Email ______________________ Agent/Ctr. Phone # __________________

Existing Use _______ Proposed Use _______

Brief Description of Work: ____________________________

_____________________________________________________________________

_____________________________________________________________________

I hereby certify that the proposed work is authorized by the owner of record and that I am the owner or have been authorized by the owner, to make this application as his/her agent and we agree to conform to all applicable laws of this jurisdiction. I certify that the answers on this Zoning Application are true and complete to the best of my knowledge.

Signature________________________ Name(Print)________________________ Address________________________

My Lot is on a: Corner Parcel ______ Interior Parcel ______ Sq. Footage of Lot is _________ Zone __________

SETBACKS EXISTING PROPOSED: REQUIRED:

Front Yard ________________ ________________ ________________

Second Front Yard ___________(If corner parcel) ________________ ________________

Rear Yard ________________ ________________ ________________

Smallest Side Yard ________________ ________________ ________________

Side Yard Aggregate ________________ ________________ ________________

Principal Structure: Building Height ________________ ________________ ________________


*% of Lot Covered by Building Structures (Including roof overhangs, sheds & detached Bldgs) ____________%

(SEE PAGE 2 for calculation worksheet)

**% of Improved Lot Coverage ___________% (Includes Building Structures and everything else i.e. driveways, walkways, decks, patios etc.) (SEE PAGE 2 for calculation worksheet)

A sealed survey, less than 10 years old, MUST be submitted with all applications

NOTE: FOUNDATION LOCATION SURVEY AND ELEVATION HEIGHT MUST BE SUBMITTED PRIOR TO FRAMING
**Fencing:**

- Type: ____________________________ Height: ____________________________

- Proposed Setbacks: Side Yard: __________ Rear Yard: __________ Front Yard: __________

(Minimum six inches inside property line for side & rear yard)

- **Patio:** __________ Sq. Ft.  **Swimming Pool:** In Ground: __________ Above Ground: __________

- Proposed Setbacks: Left Side Yard: __________ Right Side Yard: __________ Rear Yard: __________

---

### WORKSHEET

<table>
<thead>
<tr>
<th>Description</th>
<th>Existing(SF)</th>
<th>Proposed(SF)</th>
<th>Required</th>
<th>Comments/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Dwelling including ALL roofed area WITH overhangs</td>
<td>__________</td>
<td>__________</td>
<td>_________</td>
<td>________________</td>
</tr>
<tr>
<td>Accessory Buildings including ALL roofed area with overhangs</td>
<td>__________</td>
<td>__________</td>
<td>_________</td>
<td>________________</td>
</tr>
</tbody>
</table>

**TOTAL BUILDING AREA**

- __________ (SF) __________

<table>
<thead>
<tr>
<th>Description</th>
<th>Existing(SF)</th>
<th>Proposed(SF)</th>
<th>Required</th>
<th>Comments/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessory Structure POOL including coping</td>
<td>__________</td>
<td>__________</td>
<td>_________</td>
<td>________________</td>
</tr>
<tr>
<td>Accessory Structure DECK</td>
<td>__________</td>
<td>__________</td>
<td>_________</td>
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<tr>
<td>Accessory Structure PATIO</td>
<td>__________</td>
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<tr>
<td>Driveway</td>
<td>__________</td>
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<tr>
<td>Walkways</td>
<td>__________</td>
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<tr>
<td>Equipment i.e AC/Generator/pool equipment etc.</td>
<td>__________</td>
<td>__________</td>
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<tr>
<td>Other</td>
<td>__________</td>
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<tr>
<td>Other</td>
<td>__________</td>
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<tr>
<td>Other</td>
<td>__________</td>
<td>__________</td>
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</tbody>
</table>

**TOTAL IMPROVED AREA**

- including building area above __________ (SF) __________

---

This application is Approved __________ DENIED __________ Control # __________

Application Fee __________ Received Date __________ Check# __________ Cash __________

Zoning Officer: __________ Date __________

Janet L. Doherty, Zoning Officer
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 and perform the work listed on this application.

Applicant sign/Contractor sign and seal here: ____________________________

Print name here: ______________________________________________________

[ ] Licensed Elec. Contractor [ ] Certif’d Landscape Irrigation Cont’r [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

<table>
<thead>
<tr>
<th>QTY.</th>
<th>SIZE</th>
<th>ITEMS</th>
<th>FEE (Office Use Only)</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>Lighting Fixtures</td>
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<tr>
<td></td>
<td></td>
<td>Receptacles</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Switches</td>
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<tr>
<td></td>
<td></td>
<td>Detectors</td>
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<td></td>
<td></td>
<td>Light Poles</td>
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<td></td>
<td></td>
<td>Motors—Fract. HP</td>
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<tr>
<td></td>
<td></td>
<td>Emergency &amp; Exit Lights</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Communications Points</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Alarm Devices/F.A.C. Panel</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL NUMBERS

- Pool Permit/with UW Lights
- Sizable Pool/Spa/Hot Tub
- KW Elec. Range/Receptacle
- KW Oven/Surface Unit
- KW Elec. Water Heater
- KW Elec. Dryer/Receptacle
- KW Dishwasher
- HP Garbage Disposal
- KW Central A/C Unit
- HP/KW Space Heater/Air Handler
- KW Baseboard Heat
- HP Motors 1/2 HP
- KW Transformer/Generator
- AMP Service
- AMP Subpanels
- AMP Motor Control Center
- KW Elec. Sign/Outline Light

Administrative Surcharge $ ______________________
Minimum Fee $ ______________________
State Permit Surcharge Fee $ ______________________
TOTAL FEE $ ______________________
A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DUG NO: 1-800-272-1009.

Block ___________ Lot ___________ Qualification Code ___________
Work Site Location ____________________________

Owner in Fee: __________________________________________________________________________
Tel. __________________ e-mail ____________________________________________________________
Address ________________________________________________________________________________
Contractor: __________________________________________________________________________
Tel. __________________ e-mail ____________________________________________________________
Address ________________________________________________________________________________
Contractor License No. __________________ Exp. Date __________
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 $ __________________

<table>
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<th>NO.</th>
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<tbody>
<tr>
<td></td>
<td>Water Heater</td>
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<tr>
<td></td>
<td>Fuel Oil Piping Connections</td>
<td></td>
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<tr>
<td></td>
<td>Gas Piping Connections</td>
<td></td>
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<tr>
<td></td>
<td>Steam Boiler</td>
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<td></td>
<td>Hot Water Boiler</td>
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<td></td>
<td>Hot Air Furnace</td>
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<tr>
<td></td>
<td>Oil Tank</td>
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<td></td>
<td>LPG Tank</td>
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<tr>
<td></td>
<td>Fireplace</td>
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<td></td>
<td>Generator</td>
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Applicant sign/Contractor sign and seal here: ____________________________________________
Print name here: ____________________________________________________________________
[ ] Licensed Contractor [ ] Exempt Applicant

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DESCRIPTION OF WORK __________________________________________________________________

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U.C.C. F145 (rev. 12/16)
Placement of Standby Generator to REDUCE THE RISK OF FIRE

The National Fire Protection Association (NFPA) standard NFPA 37 establishes criteria for minimizing the hazard of fire during the installation and operation of stationary combustion engines. NFPA 37 limits the spacing of an enclosed generator from openings in walls, structures and combustible materials outside the enclosure.

The placement requirements provided are based on compliance to NFPA 37 2010 section 4.1.4 and a full-scale demonstration fire test. Details of compliance testing can be found in section National Fire Protection Association (NFPA) standard NFPA 37 requirements and testing.

⚠️ WARNING ⚠️ Exhaust heat/gases could ignite combustibles or structures resulting in death, serious injury and/or property damage.

- DO NOT place weatherproof enclosure opposite exhaust side closer than 18 inches (0.5 m) from any structure.
- Exhaust outlet side of weatherproof enclosure must have at least 5 ft (1.5 m) minimum clearance from any structure, shrubs, trees or any kind of vegetation.
- Standby generator weatherproof enclosure must be at least 5 ft (1.5 m) from windows, doors, any wall opening, shrubs or vegetation over 12 inches (30.5 cm) in height.
- Standby generator weatherproof enclosure must have a minimum of 4 feet (1.2 m) overhead clearance from any structure, overhang or trees.
- DO NOT place weatherproof enclosure under a deck or other type of structure that may confine airflow.
- USE ONLY flexible steel fuel line provided. Connect provided fuel line to generator, DO NOT use with or substitute any other flexible fuel line.
- Smoke detector(s) MUST be installed and maintained indoors according to the manufacturer’s instructions/recommendations. Carbon monoxide alarms cannot detect smoke.
- DO NOT place weatherproof enclosure in manner other than shown in illustrations.

Examples of standby generator locations to reduce the risk of fire:

Legend for Generator Locations to reduce the risk of fire.

A. Standby weatherproof enclosure must be at least 5 ft (1.5 m) from windows, doors, any wall opening, shrubs or vegetation over 12 inches (30.5 cm) in height.
B. Exhaust outlet side of weatherproof enclosure must have at least 5 ft (1.5 m) minimum clearance from any structure, shrubs, trees or any kind of vegetation.
C. Standby weatherproof enclosure must have a minimum of 4 feet (1.2 m) overhead clearance from any structure, overhang or trees.

NOTICE DO NOT place weatherproof enclosure under a deck or other type of covered structure that may confine airflow.

Vertical Clearances
Legend for Generator Locations to reduce the risk of fire.

A  Standby weatherproof enclosure must be at least 5 ft (1.5 m) from windows, doors, any wall opening, shrubs or vegetation over 12 inches (30.5 cm) in height.

B  Exhaust outlet side of weatherproof enclosure must have at least 5 ft (1.5 m) minimum clearance from any structure, shrubs, trees or any kind of vegetation.

C  Standby weatherproof enclosure must have a minimum of 4 feet (1.2 m) overhead clearance from any structure, overhang or trees.

NOTICE DO NOT place weatherproof enclosure under a deck or other type of covered structure that may confine airflow.
• Direct the standby generator exhaust away from or parallel to the building or structure. DO NOT direct the generator exhaust towards a potentially occupied building, structure, windows, doors, ventilation intakes, soffit vents, crawl spaces, open garage doors or other openings where exhaust gas could accumulate and enter inside or be drawn into a potentially occupied building or structure.

• DO NOT place standby generator in any area where leaves or debris normally accumulates. Position standby generator in an area where winds will carry the exhaust gas away from any potentially occupied building or structure.
Other General Location Guidelines

- Place the standby generator in a prepared location that is flat and has provisions for water drainage.
- Install the standby generator in a location where sump pump discharge, rain gutter down spouts, roof run-off, landscape irrigation, or water sprinklers will not flood the unit or spray the enclosure and enter any air inlet or outlet openings.
- Install the standby generator where it will not affect or obstruct any services (including covered, concealed and underground), such as telephone, electric, fuel (natural gas / LPG vapor), irrigation, air conditioning, cable, septic, sewer, well and so forth.
- Install the standby generator where leaves, grass, snow, etc will not obstruct air inlet and outlet openings. If prevailing winds will cause blowing or drifting, you may need to construct a windbreak to protect the unit.

National Fire Protection Association (NFPA) Standard NFPA 37 Requirements and Testing

Requirements:
NFPA 37 2010, section 4.1.4, Engines Located Outdoors. Engines, and their weatherproof housings if provided, that are installed outdoors shall be located at least 1.5m (5 ft) from openings in walls and at least 1.5 m (5 ft) from structures having combustible walls. A minimum separation shall not be required where either of the following conditions exist:

1. The adjacent wall of the structure has a fire resistance rating of at least 1 hour.

2. The weatherproof enclosure is constructed of noncombustible materials and it has been demonstrated that a fire within the enclosure will not ignite combustible materials outside the enclosure.

*A.4.1.4(2) Means of demonstrating compliance are by means of full-scale fire tests or by calculation procedures, such as those given in NFPA 555, Guide on Methods for Evaluating Potential for Room Flashover.

To comply with condition 2 above the weatherproof enclosure has been constructed completely of non-combustible materials and full-scale fire tests have been conducted to demonstrate that a fire within the enclosure will not ignite combustible materials outside the enclosure.

A U.S. Department of Labor Occupational Safety & Health Administration (OSHA) Nationally Recognized Testing Laboratory (NRTL) performed full scale fire demonstration testing. This 3rd party independent NRTL evaluated many worst-case ignition scenarios. The results of the demonstration testing concluded that a fire within the enclosure would not ignite combustible materials outside the enclosure.

*Annex A Explanatory Material