

## Solid Waste Management Plan

**ATTN:** Township of West Orange Zoning Board

**RE:** **M. VEGA INVESTMENTS LLC  
PROPOSED BUILDING ADDITION & SITE IMPROVEMENTS  
BLOCK 134.02 LOTS 75.03, 79, & 81  
66 FRANKLIN AVENUE  
TOWNSHIP OF WEST ORANGE  
ESSEX COUNTY, NEW JERSEY**

**DATE:** January 27, 2023

**REFERENCE:** Preliminary & Final Major Site Plan, prepared by Stonefield Engineering & Design, LLC, dated January 20, 2023

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The Applicant is proposing the redevelopment of an existing 2,057 SF commercial building and is proposing a 1,914 SF second floor addition to the existing building. The proposed use of the mixed-use building includes office, single-family residential and off-street parking. The subject property is designated as Block 134.02, Lots 75.03, 79 & 81, commonly known as 66 Franklin Avenue. The site is located within Zone B-1, Retail Business Zone in the Township of West Orange, NJ. The lot is currently bounded by an existing commercial building to the north, Franklin Avenue to the west and existing residential developments to the south and east.

The proposed project area is 10,000 SF (0.23 AC) and is currently occupied by an existing commercial building with an gravel parking lot. The project consists of the redevelopment of the existing structures, a second story addition to the building and construction of a paved parking lot. Additional site improvements include landscaping, lighting, and utility services. The overall disturbance area associated with the project is 10,352 SF (0.24 AC), consisting of the entire subject property, along with some proposed improvements in the right-of-way of Franklin Avenue.

This Solid Waste Management Plan has been prepared as required by the Township of West Orange for provisions for handling, storage, and disposal of solid waste and recycled materials.

### **SOLID WASTE:**

Outside trash maintenance: Outside trash receptacles (four (4) 90 gallons receptacles) are to be contained in the trash enclosure located at southern corner. Trash receptacles are rolled out to the street for pickup by a private licensed hauler.

### **LIST OF RECYCLABLES**

Based on the proposed uses on the site, the following is a list of recyclables expected to be generated:

- Aluminum Containers
- Glass Containers
- Corrugated Cardboard
- Mixed Paper Products
- Newspapers
- Plastic Containers

## **RECYCLABLE GENERATION**

### Residential Use:

1 Three (3) Bedroom Unit X 3.4 Average Occupancy = 3.4 Occupants  
Estimated Solid Waste Generation Rate = 21 lbs / Person / Week  
Estimated Trash Density = 175 lbs per cubic yards  
Trash Volume = 3.4 Occupants X 21 lbs per Occupant per Week / 175 lbs per CY = 0.41 CY / Week

### Office Use:

3 Employees  
Estimated Solid Waste Generation Rate = 8.68 lbs / Employee / Week  
Estimated Trash Density = 175 lbs per cubic yards  
Trash Volume = 3 Employees X 8.68 lbs per Employee per Week / 175 lbs per CY = 0.15 CY / Week

Total Estimated Trash Generated: 0.56 CY / Week

## **MATERIAL SEPARATION & HANDLING**

1. Recyclables per list above will be generated by the residential and office uses.
2. Recyclables will be stored in an exterior designated enclosure.
4. The designated storage area will be external and accessed at the southern corner of the site.
5. The external refuse storage area is approximately 64 SF. This is sufficient to store both recyclable and non-recyclable material.

Best regards,



Joshua Kline, PE  
Stonefield Engineering and Design



Afton Savitz, PE  
Stonefield Engineering and Design

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