

TRASH GENERATION  
CALCULATIONS

for

PROPOSED  
MIXED USE BUILDING  
522-526 PARK AVENUE  
CITY OF PLAINFIELD  
UNION COUNTY, NEW JERSEY

MARCH 11, 2020

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## **TRASH GENERATION CALCULATIONS**

### **Proposed Development**

Studio Units

6 Units \* 1.1 Average Occupancy/Unit= 7 Occupants

Two Bedroom Units

8 Units \* 2.3 Average Occupancy/Unit= 19 Occupants

Assume 21 lb/person/week.

$21 * 26 = 546$  lbs of trash/week

Assume Trash Volume = 175lbs/ CY

$546 / 175 = 3.12$  CY of trash/Week

Trash Pickup is twice/Week

Trash Per Pickup= 1.56 CY

1 CY= 202 Gallons

1.56 CY= 315 Gallons

1 Rollout Trash Container= 96 Gallons

$315 \text{ Gallons} / 96 \text{ Gallon Rollout Container} = 4$  Rollout Containers

For the Retail Units, assume an additional 3 Rollout Containers.

A total of (7) 96-Gallons Rollout Containers are proposed for this development. Of the 7, 5 will be dedicated for trash, 1 for Recycling, and 1 for Paper and Cardboard.