

October 7, 2022

City of Pompano Beach
Attn: Development Review Committee
Pamela Stanton, RLA – Urban Design Planner
Beth Dubow, MAURP – Recycling Coordinator
100 W Atlantic Boulevard
Pompano Beach, FL 33060

Solid Waste Management Plan for:
1207 East Atlantic Boulevard
DRC Application No.: PZ22-12000034

Ms. Stanton/Ms. Dubow,

Please accept this letter as our detailed analysis and documentation of the proposed trash and recycling systems and operations for the 1207 East Atlantic Boulevard project. We have worked with Wilkinson Hi-Rise on this project and have developed a feasible and functional design that meets the requirements of the City's standards and private provider's equipment.

Please see below the following breakdown for how the trash and recycling needs of the project were calculated.

Residential:

- 41 Total Units x 3cy of trash per month per unit = 123 total cubic yards (cy).
- 20% recycling rate = 98cy of trash; 25cy of recycling.
 - Trash: 98cy at 4/1 compaction ratio for the bi-sorter system = 25cy
 - $28\text{cy} \div 2\text{cy per container} \div 8 \text{ pick-ups per month (2x week)} = 2 \text{ containers}$
 - Recycling: 25cy at 4/1 compaction ratio for the bi-sorter system = 7cy
 - $7\text{cy} \div 2\text{cy per container} \div 8 \text{ pick-ups per month (2x week)} = 1 \text{ container}$

Therefore, the Trash Room requires 3 containers total for the multi-family Residential component to be stored and transported to the Main Trash Room for pickup twice a week.

One (1) additional container each for trash and recycling shall be placed in the Main Trash Room for the adjacent six (6) townhouse-style units to manually dispose of their trash and recycling as needed.

Retail:

The trash generated by the Retail component will be handled by the building maintenance staff and will be disposed of in the adjacent Trash Room in dedicated Trash/Recycling containers, and transported to the Main Trash Room for pickup twice a week.

Please note that Wilkinson Hi-Rise's containers are custom-built with pneumatic wheels to allow for ease of movement by building maintenance personnel, as well as equipped with custom seals to prevent any leakage during transportation. These containers can easily be maneuvered for storage and pick-up at the Main Trash Room location, which is located immediately adjacent to the main Garage entrance in a double-height area with adequate loading and maneuvering areas for the trash vehicles.

Should you have any questions please feel free to contact our office.



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Steven L
Cohen

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Steven L. Cohen, AIA – President
Steven L. Cohen & Associates, P.A.