

October 11, 2023

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:
911 East Atlantic Boulevard
DRC Application No.: PZ23-12000043

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 911 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:

- 78 Total Units x 3cy of trash per month per unit = 234 total cubic yards (cy).
- 20% recycling rate = 187cy of trash; 47cy of recycling.
 - Trash: 187cy at 4/1 compaction ratio for the bi-sorter system = 47cy (46.75)
 - $47\text{cy} \div 2\text{cy per container} \div 8 \text{ pick-ups per month (2x week)} = 3 \text{ containers}$
 - Recycling: 47cy at 4/1 compaction ratio for the bi-sorter system = 12cy (11.75)
 - $12\text{cy} \div 2\text{cy per container} \div 8 \text{ pick-ups per month (2x week)} = 1 \text{ container}$

Therefore, the Trash Room requires four (4) containers total for the multi-family Residential component for pickup twice a week.

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 for pickup twice a week. One (1) additional container each for trash and recycling shall be placed in the Trash Room for the retail component.

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 movement within the Trash Room. These containers can easily be moved to the main Garage entrance, immediately outside of Trash Room, in a double-height area (+22'-10") 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, AIA – President
Steven L. Cohen & Associates, P.A.