

DRC

PZ23-12000046

04/03/2024 November 20, 2023

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PZ23-12000046

05/01/2024
AUSTIN FOX
ARCHITECTURE

City of Pompano Beach
Attn: Development Review Committee
Pamela Stanton, RLA – Urban Design Planner
Beth Dubow, MAURP – Recycling Coordinator

Solid Waste Management Plan

GLC 22ND

31 N.E. 22nd Avenue

Pompano Beach, FL 33062

DRC Application No.: PZ23-12000046

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 GLC 22nd 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:

- 70 Total Units x 3cy of trash per month per unit = 210 total cubic yards (cy).
- 20% recycling rate = 126cy of trash; 42cy of recycling.
 - Trash: 126cy at 4/1 compaction ratio for the bi-sorter system = 32cy (31.5)
 - $32\text{cy} \div 2\text{cy per container} \div 8 \text{ pick-ups per month (2x week)} = 2 \text{ containers}$
 - Recycling: 42cy at 4/1 compaction ratio for the bi-sorter system = 11cy (10.5)
 - $11\text{cy} \div 2\text{cy per container} \div 8 \text{ pick-ups per month (2x week)} = 1 \text{ container}$

Therefore, the Trash Room requires three (3) 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 shared Trash Room with the residential 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 Staging Area, immediately outside of Trash Room, with adequate loading and maneuvering areas for the trash vehicles.

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

Austin Fox



Austin Fox

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Austin Fox
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Austin Fox, RA, AIA, NCARB

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02/21/2024

Austin Fox Architecture | 1754 E Commercial Blvd | Fort Lauderdale, FL 33334 | 954-514-9242

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