



September 7, 2011

KCE Structural Engineers, P.C.
Allyn Kilsheimer
1818 Jefferson Place NW
Washington DC 20036

Re: Il Palazzo Project

Dear Allyn,

We have reviewed the trash collection and pick-up requirements for the Il Palazzo Project and conclude that a container trash room and a curb cut are needed.

In light of the amount of trash that will be collected and the frequency with which the trash will be collected, it is not feasible to assume the trash can be wheeled to the curb for pick up in a safe, efficient, or sanitary manner.

One residential unit can produce anywhere from ¼ yard to ½ yard of trash per week. If there are larger families, the amount of trash generated will increase. If each residential unit produces ¼ yard of trash, it would result in approximately 30-yards of trash per week. The compactor has a relative compaction ratio of 3 to 1, depending on the trash. Given the amount of trash an apartment building of this size produces, it would need to provide trash services at least 5 days per week. Ideally, services would be provided 6 days per week with two containers on Monday.

In order to effectively and safely serve the building, an off-street loading area is required. Otherwise, there are safety concerns with pulling the trash container out of the trash room door and down to the street level. The weight of the trash container can be unwieldy and create an unsafe situation for the person moving it, as well as for any pedestrians or drivers in the vicinity of the trash room.

Another issue with pushing the container out to public sidewalk is that the container cannot be sealed to prevent leaks. From my experience, apartment compactors collect wet waste from the tenets. This liquid would run out of the container and onto the public sidewalk, which could cause another safety issue with people slipping on oily substances such as grease.

As a practical matter, the compactor/trash room should be at least 15 feet deep and 11 feet wide to handle one compactor, two compactor containers and one 2-yard container for single stream recycling. The door that leads out of the compactor should be 6 feet wide and 7 feet high. If we need to add a third container for the compactor, we would need the room to be about 22 feet long. Whether a third container is necessary will depend on how much trash is produced. One container should always be hooked up to each compactor, so trash does not back up the chute. Most trash haulers do not pick-up on Sundays, so the building will need enough containers to make it from Saturday morning to Monday morning.

I hope that this will help you understand the issues at hand. If there is safety issue for any of Waste Management employees to service your building, Waste Management would decline to offer service to your building.

Thanks,
Bob Cunius
Waste Management

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ZONING COMMISSION
District of Columbia

CASE NO.

11-08

EXHIBIT NO.

25

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