



Donolli Associates Engineering, PLLC
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7410 Collins Avenue

Comment:

1. Since this is a mixed-use commercial property, an analysis of the water and sewer system may be required prior to connecting to the City's Utility Infrastructure to confirm if the system can accommodate the additional flows proposed by the increased demand from

the site. Submit the following information to: AaronOsborne@miamibeachfl.gov.

A. Demand flows in a signed and sealed letter (by a Florida PE) for each property (if multiple sites).

i. Commercial Water Demands

ii. Residential Water Demands

iii. Fire Flow Demand

iv. Irrigation Demand

B. Flow greater than 10,000 GPD will require a hydraulic model to be performed on the water and sewer system.

Response:

Water Report

Levels	Use	Floor Areas	Units	(GDP)	Gallons Per Day (GPD)
Level 1	Retail	10,999 SF	10gpd / 100 SF	10	= 1,100 GPD
Level 2	Parking	----			
Level 3	Residential	6,000 SF	6 units	135	= 810 GPD
Level 4	Residential	6,000 SF	6 units	135	= 810 GPD
Level 5	Residential	6,000 SF	6 units	135	= 810 GPD
Rooftop	Amenities Pool	493 SF	15person	30	= 360 GPD
Sub - Total Gallons Per Day					= 3,890 GPD
Irrigation Demand					= 75 GPD
Total Flow Demand					= 3,965 GPD

Fire Flow Demand provided by Fire pump at 750 GPM.

Should you require any additional information, please do not hesitate to call.

Regards,



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