

August 12, 2022

Ormond Beach Holdings, LLC
Water & Sewer Demand

SUMMARY

The proposed project is to construct a 137 room hotel on the site East of A1A and remote parking to support the hotel on the site West of A1A.

ANALYSIS

Design Type and Number of Service Connections, Calculation Units, Total Average Daily Flow, and Peak Gal/Min, in the Entire Area to Be Served by the Water and Sewer Mains Being Constructed Under this Project:

WATER							
Type of Service Connection	Water Demand Calculation Units		Average Daily Water Demand Per Service Connection		Total Average Daily Flow (gpd)	Peak ADF Flow ^a GPD	Peak GPM Flow ^a
Hotel Room	137	units	150	gpd/unit	20,550	61,650	42.81
Remote Parking		units		gpd/unit			
TOTAL WATER DEMAND					20,550	61,650	42.81

*Multifamily Water Demand = 300 gpd/unit * 0.5 = 150 gpd/unit

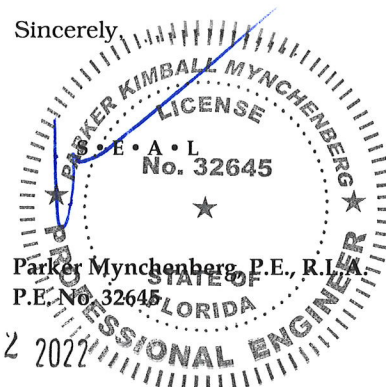
SEWER							
Type of Service Connection	Sewer Demand Calculation Units		Average Daily Sewer Demand Per Service Connection		Total Average Daily Flow (gpd)	Peak ADF Flow ^a	Peak GPM Flow ^a
Hotel Room	137	units	141	gpd/unit	19,317	57,951	40.24
Remote Parking		units		gpd/unit			
TOTAL SEWER DEMAND					19,317	57,951	40.24

*Multifamily Sewer Demand = 281 gpd/unit * 0.5 = 141 gpd/unit

- a. Explanation of Peaking Factor(s) or Method(s) Used to Estimate Peak Flow:

Peaking Factor = 3.0 (typical)

Sincerely



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