

# TOWN OF PALM BEACH

February 29, 2024

Mr. Bradley A. Younts, P. E. Kimley-Horn & Associates, Inc. 477 S Rosemary Avenue, Suite 215 West Palm Beach, FL 33401

RE: Drainage, Water, Sewer, and Solid Waste Concurrency:

219/221 Worth Avenue, Palm Beach, FL

Dear Mr. Younts:

Subsequent to receiving the attached documentation, the Town has confirmed that there is sufficient equipment and resources to provide the required additional services at this location. Therefore, please allow this letter to serve as Acknowledgement of Concurrency from the Town of Palm Beach for drainage, sanitary sewer, and solid waste on the above reference project.

In addition, we acknowledge receipt of the letter from the City of West Palm Beach indicating water supply capacity for this project.

If you need additional information, please do not hesitate to contact me at (561) 838-5440.

Sincerely.

Patricia Strayer, P. E.

Town Engineer

PS/lm

Attachment

cc: Wayne Bergman, Planning, Zoning & Building Director

Bradley Falco, Planner I, Planning, Zoning & Building

Sarah Pardue, Design & Preservation Planner, Planning, Zoning & Building

Craig Hauschild, Civil Engineer, Planning, Zoning & Building



February 22, 2024

Ms. Patricia Strayer, P.E. Town of Palm Beach Public Works 951 Old Okeechobee Road West Palm Beach, Florida 33401

RE: 219/221 Worth Avenue, Palm Beach, FL

Water, Sewer, Solid Waste, and Drainage Impact Analysis

Dear Ms. Strayer:

Kimley-Horn and Associates, Inc. was retained to provide an analysis of water, sewer, solid waste, and drainage impacts for the proposed renovation and addition to the existing restaurant space at the above-mentioned address. The project is located at 219/221 Worth Avenue in the Town of Palm Beach, Florida. The PCN for the site is 50-43-43-23-05-015-0340. The property appraiser map included shows the site location.

The property currently functions as a restaurant use (5,130 SF) and storage space use (2,556 SF). The proposed redevelopment will add approximately 1,123 square feet of restaurant space on the first floor as shown in the attached architectural plans. There are no site improvements, building footprint changes, or additional impervious area being created as a part of this project. This analysis has been performed to estimate the potential water, sewer, solid waste, and drainage impacts of the proposed addition based on the existing and proposed square footages, the Town of Palm Beach Code, and both the City of West Palm Beach and Town of Palm Beach Comprehensive Plans.

## **Water Impacts**

The existing and proposed estimated water demands are shown in the table below:

	Existing	Proposed	Difference	
Restaurant Space (Commercial)	5,130 SF	6,253 SF	1,123 SF	
Avg. Daily Demand of Commercial				
(gpd/SF) <sup>1</sup>	0.24 0.24			
Storage Space (Commercial)	2,556 SF	2,556 SF	0 SF	
Avg. Daily Demand of Commercial				
(gpd/SF) <sup>1</sup>	0.24	0.24		
Average Daily Demand Total (gpd)	1,845	2,115	270	
Peak Hour Flow (gpm)	5.1	5.9	0.8	

<sup>&</sup>lt;sup>1</sup>Estimate based on sewer flow of 0.2 gallons/day/SF for Commercial use

(per Town of Palm Beach Comprehensive Plan, Page IV-16), with 20% increase factor for water flows.



Based on the foregoing analysis, it is our expectation that the minimal increase of average daily water flow and peak hour flow from the proposed renovation is not significant, and no off-site water improvements are required. Water service to this project is provided by the City of West Palm Beach. The City's response confirming water concurrency is included with this letter.

## Sewer Impacts

The existing and proposed estimated sewer flows are shown on the table below, based upon the previously estimated average water flows:

	Existing	Proposed	Difference	
Restaurant Space (Commercial)	5,130 SF	6,253 SF	1,123 SF	
Avg. Daily Demand of Commercial				
(gpd/SF) <sup>1</sup>	0.2			
Storage Space (Commercial)	2,556 SF	2,556 SF	0 SF	
Avg. Daily Demand of Commercial				
(gpd/SF) <sup>1</sup>	0.2	0.2		
Average Daily Demand Total (gpd)	1,538	1,762	224	

<sup>&</sup>lt;sup>1</sup>Estimate based on sewer flow of 0.2 gallons/day/SF for Commercial use (per Town of Palm Beach Comprehensive Plan, Page IV-16)

Sewer service for this project is provided by the Town of Palm Beach's local gravity sewer collection system and sewer pump station A-6. Based on the foregoing analysis and our review of the existing Town-owned sewer infrastructure serving the project, it is our expectation that the minimal increase of sewer flow from the proposed renovation is not significant, and no off-site sewer improvements are required.

#### **Solid Waste Impacts**

The existing and proposed estimated solid waste impacts are shown in the table below:

				Solid
			Solid Waste	Waste
	Est. Sanitary			
	Flow	Est. Equivalent	Generation Rate	Generated
	(gal/person/day) <sup>3</sup>	Population (people)4	(lb/person/day) <sup>5</sup>	(tons/year)
Existing	272	6	2.55	2.63
Proposed	272	7	2.55	3.01

<sup>&</sup>lt;sup>3</sup>Town of Palm Beach Comprehensive Plan, referencing the City of West Palm Beach's Comprehensive Plan

<sup>&</sup>lt;sup>4</sup>Fractions of people are rounded up

<sup>&</sup>lt;sup>5</sup>Town of Palm Beach Comprehensive Plan (Page IV-17), referencing the City of West Palm Beach's Comprehensive Plan



The Town's level of service for garbage collection and disposal is 2.55 pounds/person/day based on the Town of Palm Beach comprehensive plan (page IV-17). For the purposes of this estimate, the per capita populations for the existing and proposed conditions are based upon the sanitary sewer flows per the Town Comprehensive Plan, which utilizes a value of 272 gallons/person/day for sewer flows.

The letter from Solid Waste Authority indicating sufficient landfill capacity to service municipalities for the foreseeable future is included. At your discretion, please forward this information to the appropriate Town staff for concurrency related to trash collection.

# **Drainage**

There are no changes to the site building footprint and there is no increase of impervious area proposed, therefore, there are no impacts to drainage from the existing conditions.

#### Conclusion

Please let us know if any information in addition to the analysis and documentation provided above is needed to meet the Town's requirements for concurrency for water, sewer, solid waste, and drainage on this project. Should you have any questions or comments regarding this analysis, please contact me at (561) 270-6978 or <a href="mailto:brad.younts@kimley-horn.com">brad.younts@kimley-horn.com</a>.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Bradley A. Younts, P.E.

Civil Engineer FL PE #91991 Registry 35106 Reset Select Language ▼





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#### Return

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#### **OWNERS**

219 WORTH AVENUE HOLDINGS LLC

## **PROPERTY DETAIL**

#### LOCATION

219 WORTH AVE

#### MUNICIPALITY

PALM BEACH

#### PARCEL NO.

50-43-43-23-05-015-0340

#### SUBDIVISION

ROYAL PARK ADD TO P B IN

## BOOK/PAGE

32358/955

# SALE DATE

MAR-2021

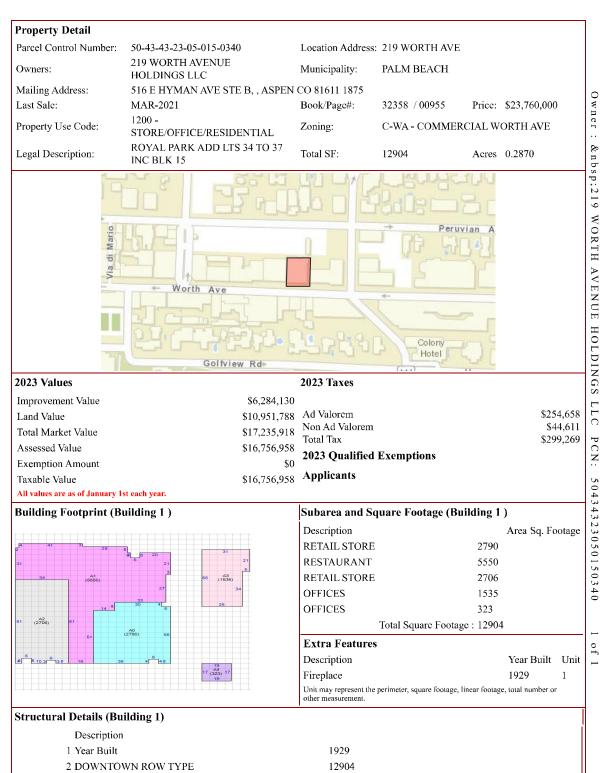
# **MAILING ADDRESS**

516 E HYMAN AVE STE B ASPEN CO 81611 1875

## **USE TYPE**

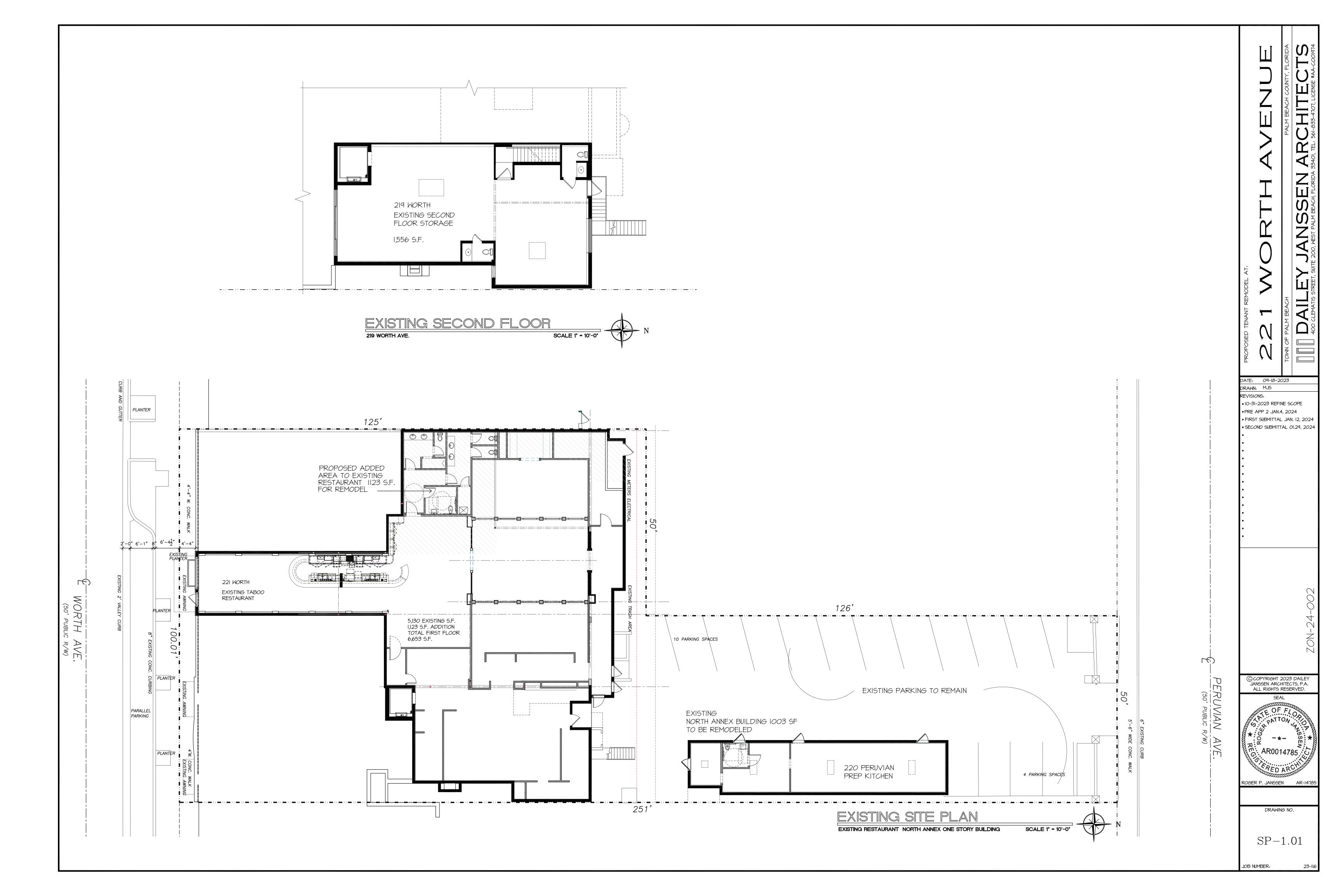
1200 - STORE/OFFICE/RESIDENTIAL

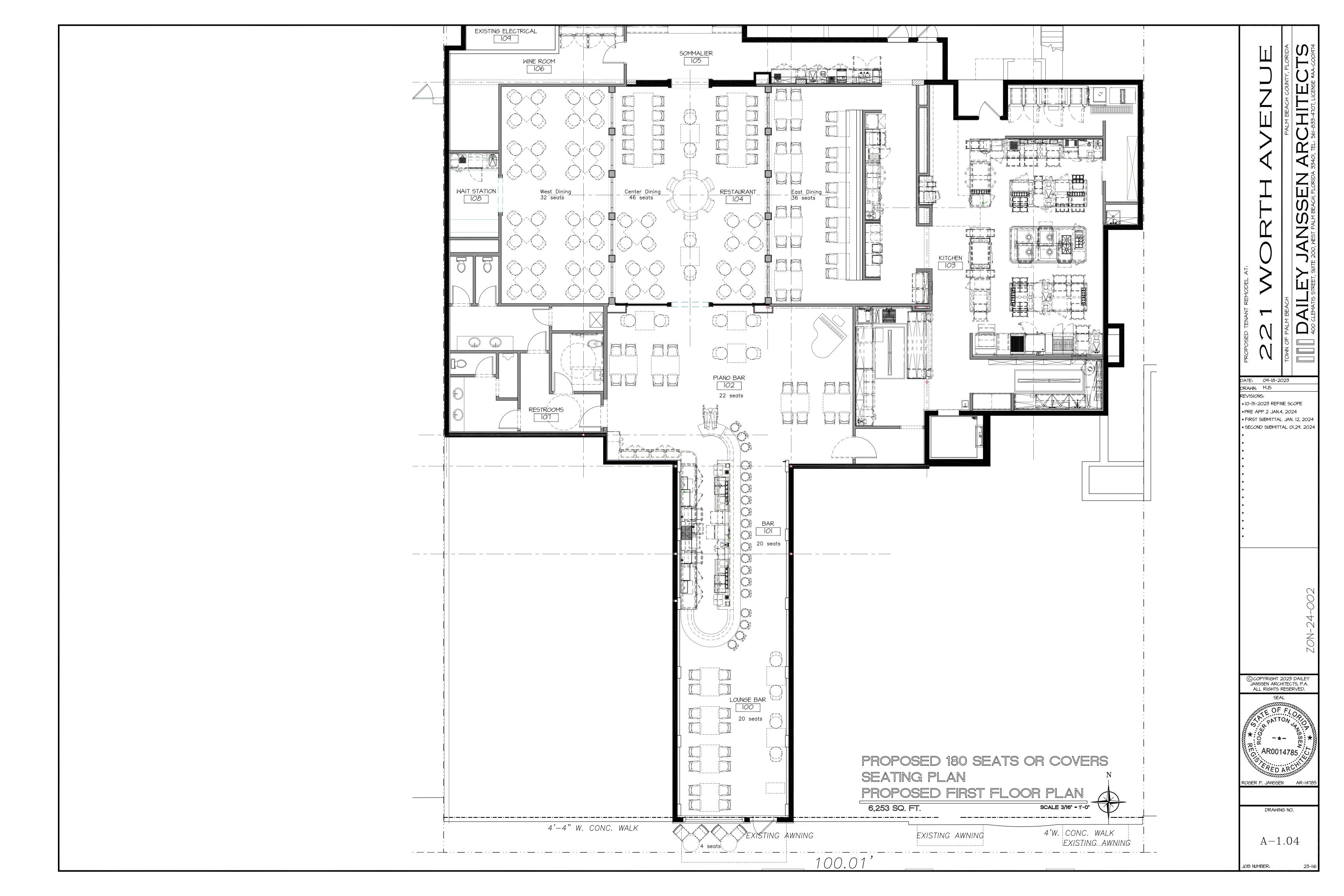




Dorothy Jacks, CFA, AAS PALM BEACH COUNTY PROPERTY APPRAISER www.pbcgov.org/PAPA

2/13/2024







February 20, 2024

Bradley Younts, P.E. Kimley – Horn and Associates 477 S. Rosemary Avenue, Suite 215 West Palm Beach, FL 33401

Phone: 561-270-6978

Email: brad.younts@kimley-horn.com

RE: ENGLR24020591- 219/221 Worth Avenue-ENG LOA

PCN: 50-43-43-23-05-015-0340

Dear Mr. Younts:

Thank you for the request and interest in being served by the City of West Palm Beach, Public Utilities Department. In response to your request for verification of service availability for the subject property; please be advised of the following:

Water Service: The City has sufficient water plant capacity to serve this property.

Wastewater Service: The City has sufficient wastewater plant capacity to serve this property

Stormwater: The design must meet the South Florida Water Management District (SFWMD) criteria and may also be required to obtain an Environmental Resource Permit

from SFWMD.

Solid Waste Collection: The City will be able to supply solid waste collection to serve this property.

This letter of service availability does not give approval of the development or service connections. The City of West Palm Beach Engineering Services Department still requires the review and approval of the plans for the actual service connections to be made, at the owner's expense.

Any required upgrades to City infrastructure will be determined at the time of design. The developer will assume all Right-of-Way utility improvements and upgrades associated with this project. The applicable capacity charges, installation charges, deposits, and other normal fees charged by the Public Utilities Department or Public Works Department shall be assessed at the time of request for permits/review.

We encourage you to contact us to discuss options for connecting the proposed project to our existing system. Please feel free to contact me at (561)494-1096 or vnoel@wpb.org

Sincerely,

Vincent J. Noel, P.S.M.

Engineering Land Development Manager

City of WPB Engineering Services

Phone: 564-494-1096 Fax: 561-494-1116 Cell 561-644-728



January 18, 2023

Daniel Pellowitz
Executive Director
Solid Waste Authority
7501 N. Jog Road
West Palm Beach, FL 33412

Subject: Availability of Solid Waste Disposal Capacity

Mr. Pellowitz:

The Solid Waste Authority of Palm Beach County (Authority) hereby provides certification that the Authority has disposal capacity available to accommodate the solid waste generation for the municipalities and unincorporated Palm Beach County (County) for the coming year of 2023. This letter also constitutes notification of sufficient capacity for concurrency management and comprehensive planning purposes. Capacity is available for both the coming year, and the five-year and ten-year planning periods that may be specified in local comprehensive plans.

As of September 30, 2022, the Authority's Landfill, located at the Palm Beach Renewable Energy Park, has an estimated 25,868,010 cubic yards of landfill capacity remaining. Based upon the existing County population, the most recently available population growth rates published by the University of Florida Bureau of Economic and Business and Research (BEBR), medium projection, projected rates of solid waste generation, waste reduction, and recycling, the Authority forecasts that capacity will be available at the existing landfill through approximately the year 2054.

The Authority continues to pursue options to increase the life of its existing facilities and to provide for all of the County's current and future disposal and recycling needs. As part of its responsibility, the Authority is providing this annual statement of disposal capacity, using the most current BEBR projections available. Please provide copies of this letter to your plan review and concurrency management staff. If you have any questions or I can be of further assistance, please do not hesitate to contact me (561) 640-4000, ext. 4613.

Sincerely,

Mary Beth Morrison

Director of Environmental Programs

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February 20, 2024

Bradley Younts, P.E. Kimley – Horn and Associates 477 S. Rosemary Avenue, Suite 215 West Palm Beach, FL 33401

Phone: 561-270-6978

Email: brad.younts@kimley-horn.com

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Sincerely,

Vincent J. Noel, P.S.M.

Engineering Land Development Manager

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