Kimley»Horn

August 22, 2017

Ms. Diana Alarcon
Director of Transportation and Mobility
City of Fort Lauderdale, Transportation Division
290 NE 3rd Avenue, 2nd Floor
Fort Lauderdale, Florida 33301

Re: Alexan Tarpon River
501 S New River Drive E
Trip Generation Analysis

Dear Ms. Alarcon:

Kimley-Horn and Associates, Inc. has performed a trip generation analysis for the proposed Alexan Tarpon River 22-story residential development located at 501 S New River Drive E in Fort Lauderdale, Florida. The proposed development consists of 181 high-rise apartment units. A site plan is provided in Attachment A.

TRIP GENERATION ANALYSIS

A trip generation analysis was conducted using the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 9th Edition for the proposed development plan. The analysis utilized ITE Land Use Code (LUC) 222 (High-Rise Apartment). As Table 1 indicates, the proposed development will generate 912 daily trips, 55 A.M. peak hour trips and 70 P.M. peak hour trips. Detailed trip generation calculations are included in Attachment B.

Table 1: Net New Trip Generation Summary

Development Plan	Daily Peak Hour Trip Generation	A.M. Peak Hour Trip Generation	Percentage of Daily Traffic during the A.M. Peak Hour	P.M. Peak Hour Trip Generation	Percentage of Daily Traffic during the P.M. Peak Hour
181 High-Rise Apartment Units	912	55	6.0%	70	7.7%

The proposed development does not warrant further study as it generates less than 1,000 daily trips and as less than 20 percent of the daily traffic is generated during the peak hours which is below the City of Fort Lauderdale traffic study requirements.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Ali N. Hanes, P.E.

Attachments

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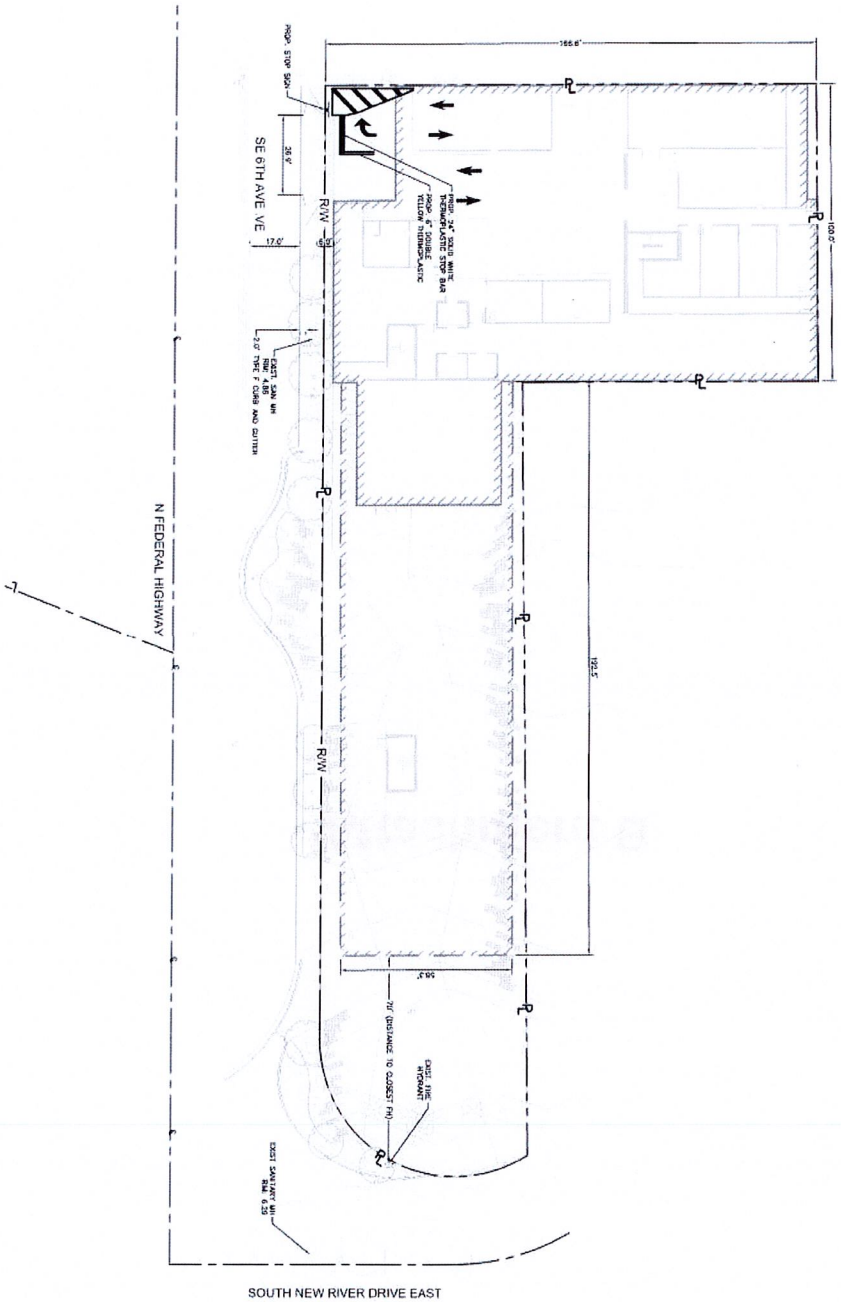
ALI NICOLE HANES LICENSE No. 77731 8/22/17 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ali N. Hanes, P.E.
Florida Registration Number 77731
Kimley-Horn and Associates, Inc.
600 North Pine Island Road, Suite 450
Plantation, Florida 33324
CA # 00000696

Attachment A



Sunshine811

SHEET NUMBER C400	TCR ALEXAN TARPON RIVER PREPARED FOR TRAMMEL CROW RESIDENTIAL FT. LAUDERDALE FL	SITE PLAN	KHA PROJECT 043904000 DATE AUG 2017 SCALE AS SHOWN DESIGNED BY DRAWN BY CHECKED BY	LICENSED PROFESSIONAL BARTON J. FYE FL LICENSE NUMBER 73898 DATE	Kimley»Horn © 2017 KIMLEY-HORN AND ASSOCIATES, INC. 355 ALHAMBRA CIRCLE, SUITE 1400, CORAL GABLES, FL 33134 PHONE: 305-673-2025 WWW.KIMLEY-HORN.COM CA 00000096	No. REVISIONS DATE BY

Attachment B

TRIP GENERATION

DAILY TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		GROSS VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
						Percent						IC					PB			
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	In	Out	In	Out	Total	Percent	Trips	In	Out	Total	Percent	Trips	In	Out	Total
1	High-Rise Apartment	9	222	181	du	50%	50%	456	456	912	0.0%	0	456	456	912	0.0%	0	456	456	912
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
							Total:	456	456	912	0.0%	0	456	456	912	0.0%	0	456	456	912

LUC: 222
RATE/EQUATION: LN(Y) = 0.83*LN(X)+2.5

AM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		GROSS VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
						Percent						IC					PB			
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	In	Out	In	Out	Total	Percent	Trips	In	Out	Total	Percent	Trips	In	Out	Total
1	High-Rise Apartment	9	222	181	du	25%	75%	14	41	55	0.0%	0	14	41	55	0.0%	0	14	41	55
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
							Total:	14	41	55	0.0%	0	14	41	55	0.0%	0	14	41	55

LUC: 222
RATE/EQUATION: LN(Y) = 0.99*LN(X)+-1.14

PM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		DRIVEWAY VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
						Percent						IC					PB			
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	In	Out	In	Out	Total	Percent	Trips	In	Out	Total	Percent	Trips	In	Out	Total
1	High-Rise Apartment	9	222	181	du	61%	39%	43	27	70	0.0%	0	43	27	70	0.0%	0	43	27	70
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
							Total:	43	27	70	0.0%	0	43	27	70	0.0%	0	43	27	70

LUC: 222
RATE/EQUATION: Y=0.32*(X)+12.3