

Memorandum

February 28, 2020

Firat Akcay, M.S.C.E. MBA
Transportation Analyst
City of Miami Beach
Transportation and Mobility Department
1688 Meridian Avenue, Suite 801, Miami Beach, FL 33139

**Re: 1910 Alton Road
Miami Beach, FL
Sight Distance Analysis**

Mr. Akcay:

Kimley-Horn and Associates, Inc. has prepared a sight distance analysis for the redevelopment. Attached you will find the sight distance and offsite improvements exhibit. The sight distance analysis was completed according to FDOT Design Manual (FDM) section 212.11 Table 212.11.2 for an unsignalized two (2) lane road with a posted speed less than 35 mph. Based on the analysis the proposed driveway location is in compliance with the FDM with the removal of four (4) existing on-street parking stalls as shown on the attached exhibit. Additionally, as requested by the City of Miami Beach on 01/31/2020, raised medians have been proposed on the existing chevron areas adjacent to the proposed driveway location to discourage drivers accessing the proposed driveway from Alton Road.

Very truly yours,



Barton J. Fye, P.E., ENV SP
Kimley-Horn and Associates, Inc.

Plotted By: Lopez, Armando Sheet Set: Kim Layout: Layout1 March 10, 2020 12:47:21pm K:\MIB_CIVIL\143185000 1910 Alton Road\CIVIL\CADD\Exhibits\2020.02.25 SDT Analysis and Concept Median Design\SDT and Median Concept.dwg
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Table 212.11.2 Parking Restrictions for Driveways and Intersections

Control Type	Posted Speed (mph)	A - Up Stream (ft)	B - Down Stream (ft)	
			2-Lane	4-Lane or more
Unsignalized	< 35	90	60	45
	35	105	70	50
Signalized	< 35	30	30	30
	35	50	50	50

Unsignalized

Signalized

Center of Lane

End of Curb Return

Notes:
(1) For entrances to one-way streets, the downstream restriction (B) may be reduced to 20 feet.
(2) Do not place parking within 20 feet of a marked crosswalk.

NOTE:
TOTAL OF FOUR (4) ONSTREET PARKING STALLS TO BE REMOVED

