

APPENDIX G
Trip Generation Memo



January 31, 2019

Ms. Alicia Gonzales, Environmental Associate
MICHAEL BAKER INTERNATIONAL
5 Hutton Center Drive, Suite 500
Santa Ana, CA 92707

RE: 1007 East Victoria Street Townhomes Trip Generation Analysis
18-0240

Dear Ms. Gonzalez:

INTRODUCTION

Ganddini Group, Inc. is pleased to provide this trip generation analysis for the proposed 1007 East Victoria Street Townhomes project in the City of Carson. The purpose of this trip generation analysis is to document the forecast trip generation for the proposed development. We trust the findings of this analysis will aid the City of Carson in determining if a traffic impact analysis is required.

PROJECT DESCRIPTION

The 1.57 acre project site is located at 1007 East Victoria Street in the City of Carson. The project location map is shown on Figure 1. The project site is currently undeveloped.

The proposed project involves construction of 38 multi-family housing (low-rise) dwelling units. The project proposes to provide a new full access driveway at Cedarbluff Way on the east project boundary. A portion of the existing raised median on Cedarbluff Way would be modified to accommodate a northbound left turn lane for inbound access. The existing raised median containing the security booth for the adjacent neighborhood would be extended south to the north side of the proposed project site driveway and the existing project site driveway at Cedarbluff Way would be abandoned.

The project site is designated High Density Residential (up to 25 dwelling units per acre) in the City of Carson General Plan Land Use Element and the Zoning is Specific Plan 4 (Dominguez Hills Village). The proposed site plan is illustrated on Figure 2.

TRIP GENERATION

Table 1 shows the project trip generation forecast based upon trip generation rates obtained from the Institute of Transportation Engineers, [Trip Generation Manual](#), 10th Edition, 2017. Trip generation rates were determined for daily trips and morning/evening peak hour trips for the proposed land use. The number of trips forecast to be generated by the proposed project is determined by multiplying the trip generation rates by the land use quantity.

As shown in Table 1, the proposed project is forecast to generate approximately 278 daily trips, including 17 trips during the AM peak hour and 21 trips during the PM peak hour.

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CRITERIA FOR THE PREPARATION OF TRAFFIC IMPACT ANALYSES

In accordance with the Los Angeles County Congestion Management Program, the City of Carson generally uses a project trip contribution threshold of 50 peak hour trips for identifying potential study intersections and the need to prepare a full traffic impact analysis.

CONCLUSION

The proposed project is forecast to generate fewer than 50 peak hour trips. Therefore, the project is not expected to result in appreciable traffic impacts and further traffic analysis is typically not required.

We appreciate the opportunity to assist you on this project. Should you have any questions or if we can be of further assistance, please do not hesitate to call at (714) 795-3100 x 104.

Sincerely,



Bryan Crawford
Senior Transportation Planner



Giancarlo Gandini, TE, PTP
Principal

**Table 1
Project Trip Generation**

Trip Generation Rates									
Land Use	Source ¹	Units ²	AM Peak Hour			PM Peak Hour			Daily
			In	Out	Total	In	Out	Total	
Multi-Family Housing (Low-Rise)	ITE 220	DU	23%	77%	0.46	63%	37%	0.56	7.32

Trips Generated									
Land Use	Quantity	AM Peak Hour			PM Peak Hour			Daily	
		In	Out	Total	In	Out	Total		
Multi-Family Housing (Low-Rise)	38 DU	4	13	17	13	8	21	278	

Notes:

(1) ITE = Institute of Transportation Engineers, Trip Generation Manual, 10th Edition, 2017; ### = Land Use Code.

(2) DU = Dwelling Units

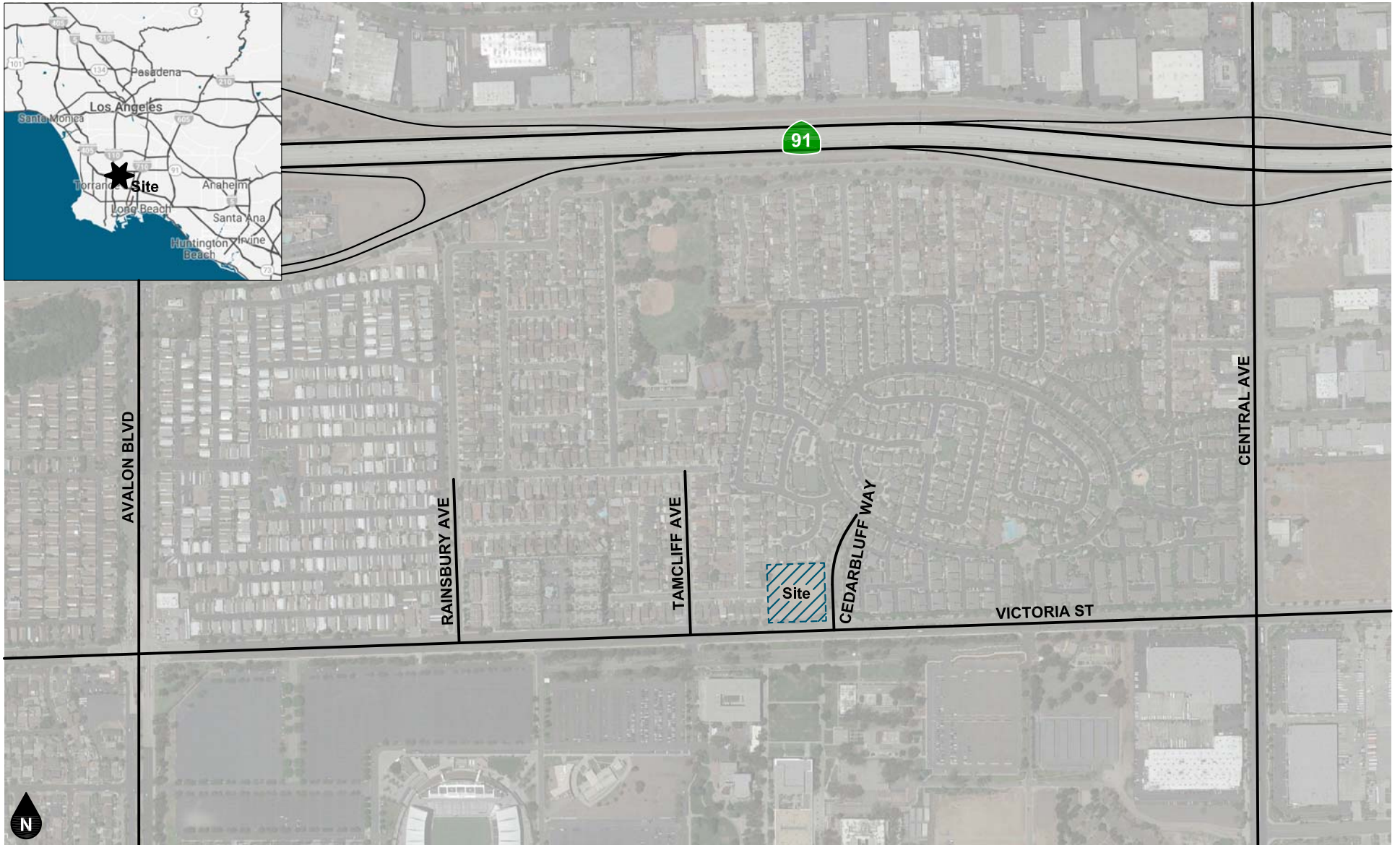


Figure 1
Project Location Map

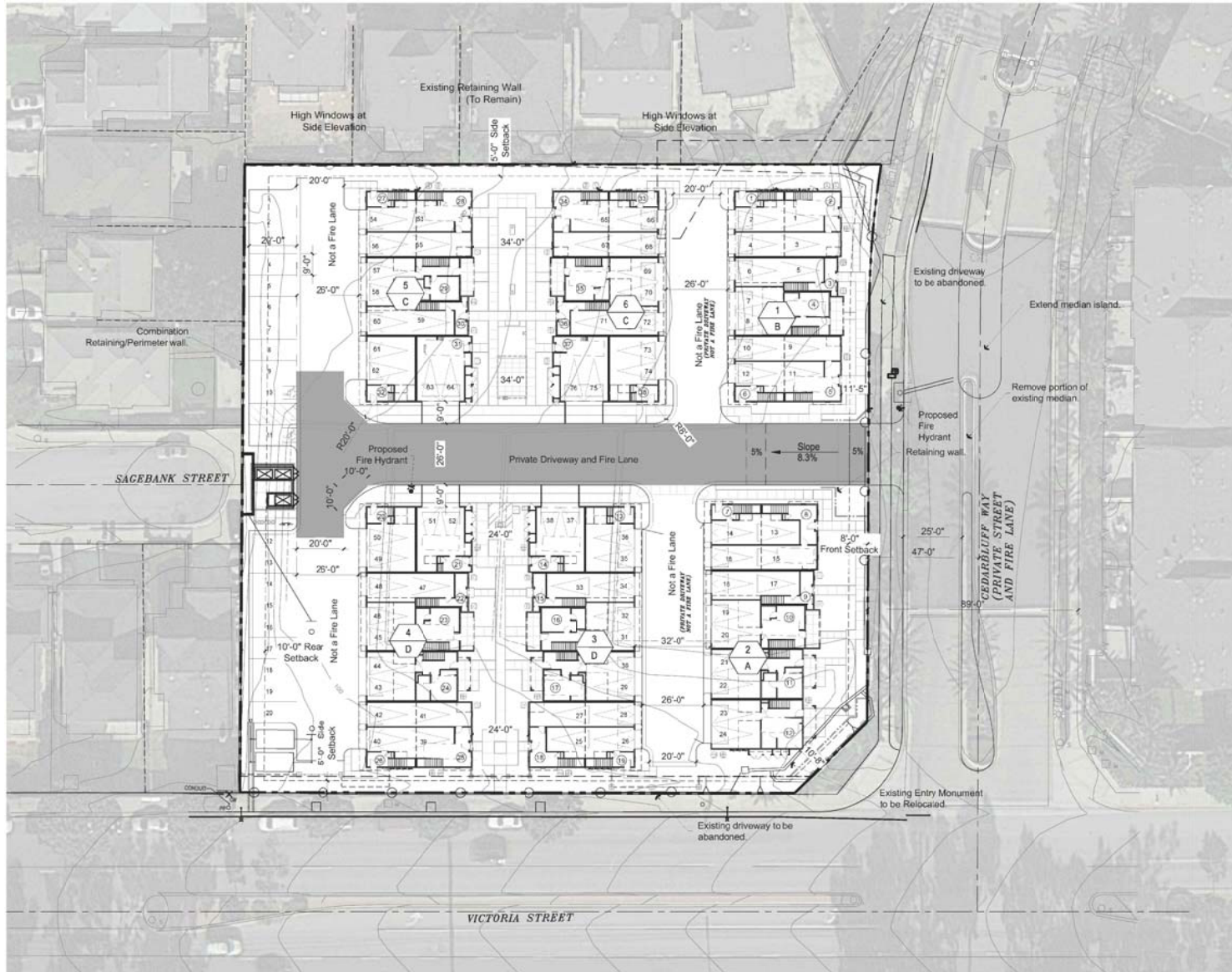


Figure 2
Site Plan