

DKK CONSULTING INC.

Civil Engineering ♦ Agent Representation ♦ Infrastructure ♦ Resource Management

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October 25, 2021

Son Shine Builders

Attn: **Carlos Ramirez**
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West Palm Beach, FL 33413
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**RE: DRAINAGE STATEMENT – TRIPLEX
PCN: 56-43-42-320-1022-0070
AVENUE I
RIVIERA BEACH, FL 33461
DKK PROJECT No. 21-02003.02**

INTRODUCTION:

The property is located on the intersection of Dr. Martin Luther King Jr. Boulevard and Avenue I in Lots 7 & 8, Block 22, in the City of Riviera Beach, Florida.

The property consists of one parcel, PCN 56-43-42-32-01-022-0070. It is currently undeveloped and is bordered to the North and West by Residential Lots, to the East by Avenue I and to the South by Dr. Martin Luther King Boulevard. The total site area is 8,744+/- sq. ft. (0.20+/- ac.) and approximately 33% of the total site is proposed to be pervious.

STORM WATER MANAGEMENT SYSTEM:

This project consists of a 2- story (6,590 sq. ft) triplex structure with concrete parking and has a Flood Zone 'X' designation according to Panel Number 12099C 0389F (Date October 05, 2017).

The storm water management system for the entire site will flow to the existing curb inlet located east of the property, which is part of the drainage system servicing Avenue I.

The drainage requirement will be met by providing onsite retention for the first 1" of stormwater over the total site area.

The following Criteria will be addressed with the Drainage Design:

- Triplex Finished Floor Elevation set above 1.5' plus the Lowest Adjacent Road Crown.
- There will be no offsite discharge up to the 1" over the total site area detention except through the proposed weir at the control structure.

DKK Consulting, Inc. appreciates this opportunity to be of assistance in providing the aforementioned drainage statement. Contact our office if there are any further questions and/or clarification that is required.

Respectfully,
DKK CONSULTING, INC.

Derek Schenavar, P.E. 63858
President

cc: 21-02003.03

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