

February 8th, 2024

NORTHLAKE PROMENADE APARTMENTS

DRAINAGE STATEMENT

The site is located on the SW corner of Northlake Blvd. and US Highway 1, in Lake Park, Florida. It is within the Northlake Promenade Shoppes surface water management system and was originally permitted through SFWMD under permit No. 50-04324-P issued in 1999 with a subsequent modification for the improvements associated with this site (ERP Permit No.: 50-106536-P) issued on May 26, 2022. The existing permitted surface water management system consists of a combination of storm water inlets, manholes, dry and wet retention area, exfiltration trench and on-site lake system, serving approximately 28.96 acres.

The proposed residential development is located on the west side of the Northlake Promenade Shoppes on an undeveloped track (Parcel 10 Northlake Promenade Shoppes, Replat No. 2, Parcel No.: 36-43-42-21-32-009-0000) and a partially improved parcel (Parcel 9 Northlake Promenade Shoppes, Replat No. 236-43-42-21-32-010-0000), containing a portion of the existing shopping center and parking. As part of the master surface water management system, all parcels are required to provide full water quality prior to discharge into the existing system. Northlake Promenade Apartments will provide this requirement within the proposed exfiltration trench system located within the on-site surface parking field. The remaining portion of water quantity will be directed to the master system via the existing conveyance system and on-site interconnected lakes, allowing for the 25year-3day and 100year-3-day storm level of service.

The minimum flood protection applicable for the building and roadway system will follow the parameters within the approved SFWMD permit (ERP Permit No.: 50-106536-P) as follows:

Item	Elevation	Agency
Minimum Road Crown Elevation	10.50 NGVD	SFWMD
Minimum Building Floor Elevation	12.50 NAVD / 14.00 NGVD	SFWMD
Flood Zone / Flood Elevation	Zone X / N/A – no flood elevation	FEMA
Design Water Control Elevation	2.00 NGVD	Master System
SFWMD Basin	Intra-coastal Waterway	SFWMD



Clifford Loutan, P.E. #56890



This item has been digitally signed and sealed by Clifford R. Loutan, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

February 08, 2024

Clifford
R Loutan

Digitally signed by
Clifford R Loutan
Date: 2024.02.08
12:32:46 -05'00'