



April 3, 2020
Job No. 18-1500

DRAINAGE STATEMENT

Cresswind Palm Beach Clubhouse
City of Westlake, Florida

SITE DATA

The subject parcel is located on the southwest corner of the intersection of Long Boat Key Drive and Cresswind Place within the Cresswind Palm Beach development in the City of Westlake, Florida and contains approximately ± 6.66 acres within the overall ± 269.42 acre parcel. The parcel is currently vacant and undeveloped. Proposed site development on the parcel consists of construction of parking lot, sports courts and underground storm drainage systems to support the proposed Clubhouse and amenity facilities. For additional information regarding site location and layout, please refer to the site plan prepared by Cotleur & Hearing.

PROPOSED DRAINAGE

The site is located within the boundaries of the South Florida Water Management District (SFWMD) C-51 basin, Seminole Improvement District (S.I.D.) and the City of Westlake. It is proposed that runoff be directed to on-site inlets and storm sewer and then connected to the Master Drainage System for water quality treatment and attenuation. Legal positive outfall is available via connection to the Master Drainage System which ultimately discharges to the S.I.D. canal system. The master development has been permitted under SFWMD ERP No. 50-00021-S, Application No. 141120-2. Land use is consistent with the master permit for residential areas.

Drainage design is to address the following:

1. Project shall be designed in compliance with Master Conceptual South Florida Water Management District Permit.

PROPOSED DRAINAGE (CONTINUED)

2. Building floor elevations to be set 12” above the level produced by the 100 year – 3 day (zero discharge) rainfall event for the master development.
3. Allowable discharge to be in accordance with South Florida Water Management District and Seminole Improvement District criteria.

Required Permits/Approvals:

1. City of Westlake – Drainage Review
2. Seminole Improvement District – Drainage Permit
3. South Florida Water Management District – Major Permit Modification

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Date: 2020.04.03 10:34:53 -04'00'

Paul Buri., P.E.
FL Reg. No. 68291

Paul A. Buri, P.E., State of Florida, Professional Engineer, License No. 68291

This item has been electronically signed and sealed by Paul A. Buri, P.E. on 04/03/2020 using a SHA-1 Authentication Code.

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