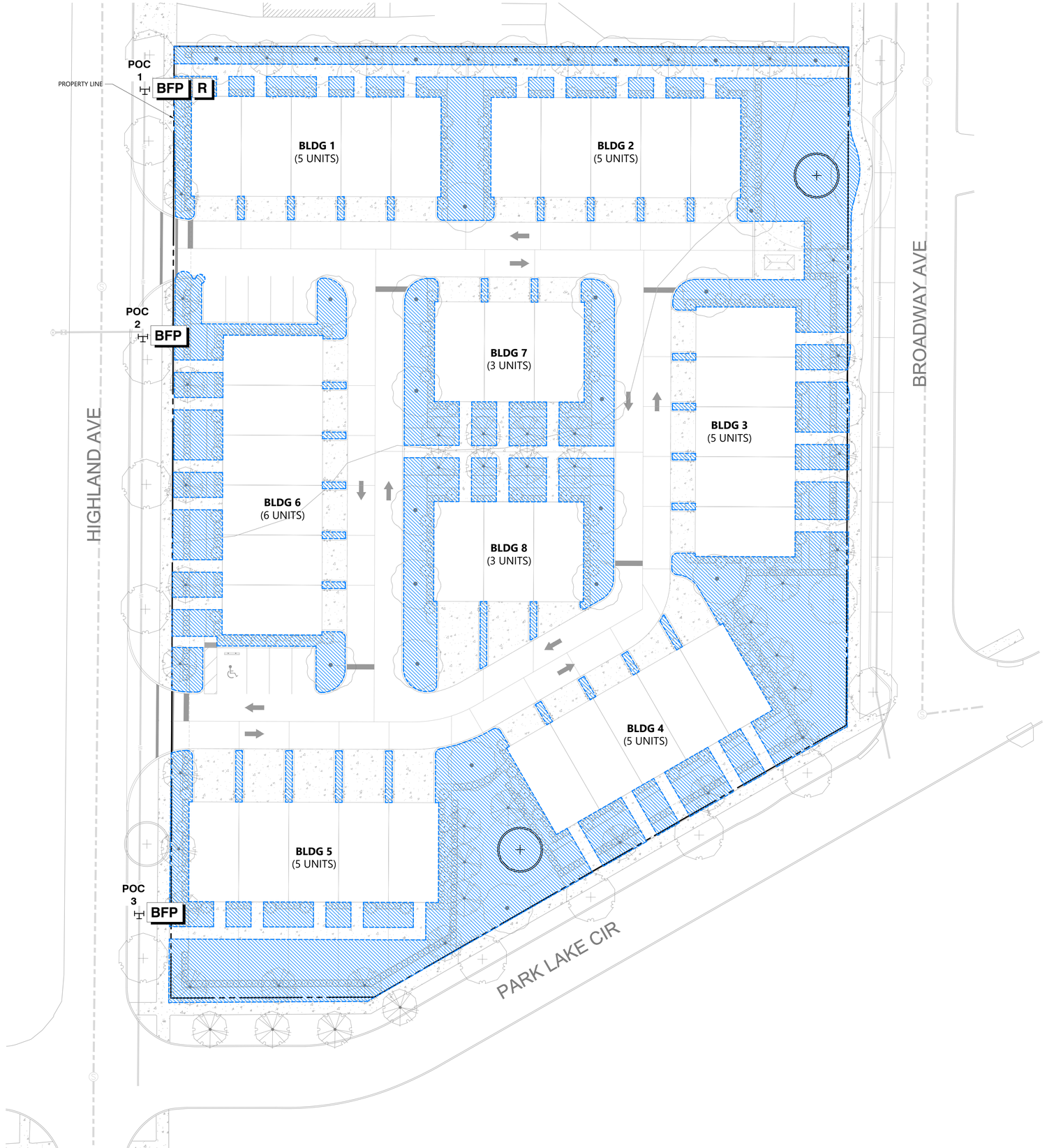

LEGEND

- LANDSCAPE AREAS TO BE IRRIGATED WITH RECLAIMED WATER - 31,200 SF
- POC XX — POINT OF CONNECTION
- R — WATER METER
- BFP — BLACKFLOW PREVENTER

vhb.com
vhb
225 E. Robinson Street
Suite 300
Orlando, FL 32801
407.839.4006
Certificate of Authorization
Number FL #3932

IRRIGATION REQUIREMENTS:

Irrigation will be permanent and shall be in accordance with City Code Chapter 60, Part 2-I and the system shall be designed and installed so as to conform to Sec. 60.231 and Sec. 60.232 of this code.

Irrigation Design

1. *Turfgrass*. Irrigation zones for turfgrass areas shall be separate from irrigation zones for tree, shrub and ground cover beds. It is encouraged that turf be placed on a separate watering program.
2. *Trees*. Flood bubblers are preferred for newly installed on-site trees, and required for street trees in new subdivisions or any non-residential site until the trees is established for a minimum of two years.
3. *Shrubs and Ground Covers*. The use of low-volume, emitter, multi-trajectory rotating stream nozzles, or target irrigation is preferred for shrubs and ground covers.

Installation and Operation

1. *Coverage*. Irrigation coverage shall not exceed head-to-head coverage.
2. *Piping*. Installed piping systems shall be free from leakage.
3. *Overthrow*. No significant irrigation overthrow shall be allowed onto impervious surfaces or buildings.
4. *Proximity to Buildings*. To minimize termite, rot, and mildew potential, irrigation heads shall not be located within 2 feet of any building; however, drip and micro-irrigation systems may be utilized in this area.
5. *Maintenance and Operation*. All irrigation equipment shall be operated in accordance with the individual system guidelines and maintained in good working order to prevent leaks and wasteful or unnecessary use of water. Irrigation runoff and overspray shall be minimized.
6. *Operating Instructions*. Written operating instructions shall be provided to the property owner, or affixed inside or adjacent to the controller, with information to include irrigation schedules, controller handbook, zone diagram and location of soil moisture sensors if applicable. Instructions for proper reprogramming of controllers in the event that service is disrupted shall be included.
7. *Repair*. Broken or misdirected irrigation spray heads, irrigation system leaks, and other irrigation system malfunctions shall be repaired upon discovery or within five business days of delivery of written notification by City, County, or State personnel to the address where the problem occurs.
8. *Watering Restrictions*. Watering restrictions and schedules for times, days, volumes, and run times shall be as specified by the St. Johns River Water Management District (SJRWMD). Variances from SJRWMD watering restrictions, if needed for the optimum functioning of water-conserving sensors and controls, such as soil-moisture sensors and weather-based evapotranspiration (ET) controllers, must be obtained as needed from SJRWMD.
9. *Inhibiting or Interrupting Devices*. In accordance with Florida Statutes, a licensed contractor who installs or performs work on an automatic irrigation system must: Test for the correct operation of each inhibiting or interrupting device and switch on the system. If such devices are not installed, or are not functioning properly, the contractor must install new devices or repair the existing ones and insure that each is operating properly before completing other work on the system;
   Regular maintenance and replacement of worn or broken moisture sensing equipment, such as soil-moisture sensor or rain sensors, is not a violation if such repairs are made within thirty days from the time non-compliance is noted.
10. Licensing of Contractors Performing Work on Irrigation Systems. All contractors performing work on irrigation systems shall be licensed or registered under chapter 489, Florida Statutes, or hold a county or municipally-issued license or business tax receipt that permits work on irrigation systems.

0 10 20 40 Feet

Park Lake Apartments

City of Orlando, Florida

No.	Revision	Date	Appvd.

Designed by	Checked by	Scale
KLS	EG	As Noted

Issued for — Date

Vertical Datum NAVD 88

Drawing Title

Irrigation Plan

REGISTERED LANDSCAPE ARCHITECT CHRISTOPHER SHAWN TOFTE LA 6667432 STATE OF FLORIDA

Christopher Shawn Tofte
LA 6667432
DATE: Aug. 25, 2025

Drawing Number
L2.0
Sheet of

66781.00
Project Number

Saved Monday, August 25, 2025 12:42:42 PM STOFTE Plotted Monday, August 25, 2025 12:56:07 PM Shawn Tofte