

**City of Longwood
Landscape Tables**

Fostering citizen trust and cultivating a prosperous community

Canopy Trees are required to be a minimum height of 12ft and 3 inches (caliper) measured as the diameter of one foot above grade at the time of planting. Other trees shall have a minimum height of 10ft at the time of planting.

Code Requirements	Trees per 100ft	Shrubs per 100ft
Right of way (Ord 16-208) Minimum width 10ft	3 Ornamental/Understory (Canopy trees permitted providing do not interfere with powerlines)	33 Continuous hedge
Buffer A-D	Refer to buffer requirements (Section 3.5.2 of the Longwood Development Code)	

Perimeter	Length of perimeter (ft)	Buffer required	Width of buffer required (ft)	Width of buffer provided (ft)	Trees		Shrubs		Conifers	
					Number Required	Number Provided	Number Required	Number Provided	Number Required	Number Provided
North	760 LF	'A'	10-FT	10 FT	15.2	16	60.8	72	na	na
East	102 LF	ROW	10-FT	10 FT	3	+ 3 Saved	33	36	na	na
South	805 LF	NA (*1)		20 FT	NA	+ 1 saved	(*1)	(*1)	-	-
West	211 LF	'A' (*2)	10-FT	40+ FT	4.2	+ 5 Saved	26.4	(*2)	-	-

Other landscape requirements: No fewer than 10 trees per acre. 5.36 acres = 53.8 trees required 54 trees provided

New Subdivisions: 1 Canopy tree every 60ft on both sides of the street (4" DBH, 12' tall) (A.3.1.B.7): 1,555 LF (frontage along both sides) length of street 25.9 trees required 29 trees provided

Parking Lot Landscaping

- 10% of the total parking lot shall consist of internal landscape islands
- Landscaping required = 1 canopy tree every 200ft of internal landscape area tree (12' tall at planting, 3" DBH) with shrubs, dwarf shrubs and/or ground cover plants. (3.5.3.C.3 Ord 16-2088)
- Size of the parking area (SF): NA, 10% of the parking area (SF): NA, Landscaping provided: NA

- Notes:
- (*1) Per discussion with City staff the buffer requirements along the lake edge are to be addressed via the preservation of 7 trees, preserved native understory vegetation in the 2 pockets along the shoreline and the planting of 12 trees at the corners of the buildings along the lake shore.
 - (*2) Per discussion with City staff the buffer requirements along the west property line shall be met via the preservation of a minimum of 5 trees and the associated native understory plant material located within the jurisdiction wetland area separating the 2 development tracts.

Landscape Planting Plan - West & Mid Sections

Landscape Notes

- EXISTING POCKETS OF VEGETATION PROPOSED FOR PRESERVATION TO HAVE INVASIVE & NUISANCE PLANTS AND UNDESIRABLE UNDERBRUSH REMOVED.
- SHORE LINE & COMPENSATING STORAGE AREA PLANTINGS PER THE SJRWMD PERMIT APPLICATION.
- ALL OPEN SPACE AREAS WITHIN THE PROPERTY SHALL BE SODDED UNLESS PAVED, SEEDED & MULCHED OR PLANTED WITH SHRUBS & GROUND COVER. ALL LANDSCAPED AREAS NOT SODDED WITH BE COVERED IN MULCH UNLESS OTHERWISE NOTED. REFERENCE SHEET LA-04 NOTE 17 FOR MULCH SPECIFICATIONS.

Irrigation Notes

IRRIGATION SYSTEM SHALL UTILIZE RECLAIM WATER IF AVAILABLE, IF POTABLE WATER IS USED A CITY APPROVED BACK FLOW PROTECTION DEVICE SHALL BE PROVIDED BETWEEN THE METER AND THE SYSTEM. SEE CIVIL PLANS FOR PROPOSED POC FOR IRRIGATION.

THE IRRIGATION SYSTEM SHALL BE CONTROLLED BY ELECTRONIC TIMER SYSTEM THAT SHALL BE PROGRAMMED TO ADHERE TO THE CURRENT CITY AND MWD WATERING SCHEDULES. ZONE WATER SCHEDULES SHALL ALSO BE BASED ON THE WATERING NEEDS OF THE PLANTS WITHIN EACH ZONE, SOIL CHARACTERISTICS AS WELL AS TOPOGRAPHY. CONTROLLERS SHALL HAVE RAIN SENSOR SHUT OFF DEVICES.

IRRIGATION SYSTEMS SHALL BE DESIGNED & INSTALLED TO SEPARATE PLANTS WITH DIFFERENT WATER NEEDS INTO SEPARATE ZONES. AT THE LEAST TURF AND BED AREAS SHALL BE ON DIFFERENT ZONES AND DIFFERENT IRRIGATION DELIVERY COMPONENTS (IE: ROTAR'S, SPRAYS AND DRIP/ MICRO SPRAYS) SHALL BE ON SEPARATE ZONES.

THE IRRIGATION SYSTEM SHALL BE DESIGNED & INSTALLED TO PROVIDE 100% COVERAGE AND MINIMIZE OVERSPRAY ONTO ADJACENT BUILDINGS & PAVEMENT AREAS.

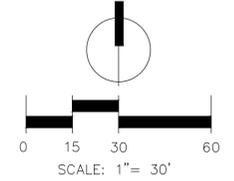
Landscape Requirements

- STREET TREES**
Req'd: 1,555 LF/ 1 Tree per 60 LF = 25.9
Prov'd: 28 Street Trees
- MINIMUM TREE COVERAGE (Section 3.5.3(A)(1)):**
Req'd: 5.36 Acres @ 10 Trees/ Acre = 53.8 Trees
Prov'd: 74 Preserved & Proposed Trees
12 Preserved Trees
62 Proposed Trees
- In the event any tree proposed for preservation is later found to be in conflict with the limits of construction or otherwise unsuitable for preservation the developer will provide additional trees as needed to ensure the minimum 54 Trees are provided.
- OPEN SPACE REQUIREMENTS (Section 3.5.3 (D)):**
Req'd: +/- 5.36 Acres (234,353 SF) @ 5% = 0.27 AC (+/- 11,718 SF)
Prov'd: 1.0 AC (43,569 SF) (18.5%)
05-01 @ 0.05 AC (+/- 2,178 SF)
05-02 @ 0.08 AC (+/- 3,485 SF)
05-03 @ 0.15 AC (+/- 6,534 SF)
05-04 @ 0.72 AC (+/- 31,363 SF)

- PERIMETER BUFFERS (Section 3.5.2/ 3.5.3):**
- N - Existing-Commercial (IMU) : Proposed-MDR (IMU)
TYPE 'A' BUFFER @ 758 LF
(10-Ft Wide: 2 Trees + 8 Shrubs/ 100 LF)
Req'd: (15 Trees + 61 Shrubs)
Prov'd:(16 Trees + 65 Shrubs)
 - S - Lake/Conservation Lands
Req'd: NA
Prov'd: 7 Ex. Trees + 12 Trees + Preserved and mitigation plantings along lake per SJRWMD Permitting.
 - E - Oxford Street ROW
TYPE 'A' BUFFER @ 102 LF
(10-Ft Wide: 3 Trees + 8 Shrubs/ 100 LF)
Req'd: (3 Trees + 33Shrubs)
Prov'd:(1 Ex. Tree + 2 Trees + 36 Shrubs)
 - W - MDR/ Conservation Lands
TYPE 'A' BUFFER @ 214 LF
(10-Ft Wide: 2 Trees + 8 Shrubs/ 100 LF)
Req'd: (4 Trees + 17 Shrubs)
Prov'd:(+/- 8 Ex. Trees + Ex. Shrubs & Understory Plants)

Buffer Notes:

- The project is consistent with the development conditions of the associated tract directly to the west (Grant St Townhomes) which was not required to provide a buffer along the lake. The nearest LDR lot is over 500 feet away with the majority of the lots on the lake in excess of 1,000-ft away. The lake itself serves as 'Open Space' providing a significant separation with additional buffering not warranted. In addition preserved trees and wetland plantings supplemented by new littoral plantings in wetland areas impacted by development activity will provide additional buffering.
- The property to the west is a MDR/ IMU zoned property consisting of townhomes that will share recreation and open space under a common HOA. There is an Open Space/ Conservation tract providing a minimum of 80-ft of separation between the development areas within each parcel that provides significant natural buffering to address any buffer requirements between these comparable uses.



MODIFICATIONS & ADDITIONS:
THESE 'PERMIT PLANS' PRESENT THE DEVELOPERS LANDSCAPE PROGRAM AS NEEDED TO ADDRESS THE CITY OF LONGWOOD LDC REQUIREMENTS ONLY. THE DEVELOPER ANTICIPATES SUPPLEMENTING AND ENHANCING THE LANDSCAPE BASED ON MARKET DEMANDS. THE DEVELOPER REQUESTS THE ABILITY TO AMEND AND OR TO SUPPLEMENT THESE PLANS SO LONG AS THE MODIFICATIONS MAINTAIN THE OVERALL INTENT AND THE RESULTING CHANGES ARE IN ACCORDANCE WITH THE CITY LDC.



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Project Name

**Reserve At Lake Wildmere
Phase 2**
Landscape Plan
City of Longwood, FL

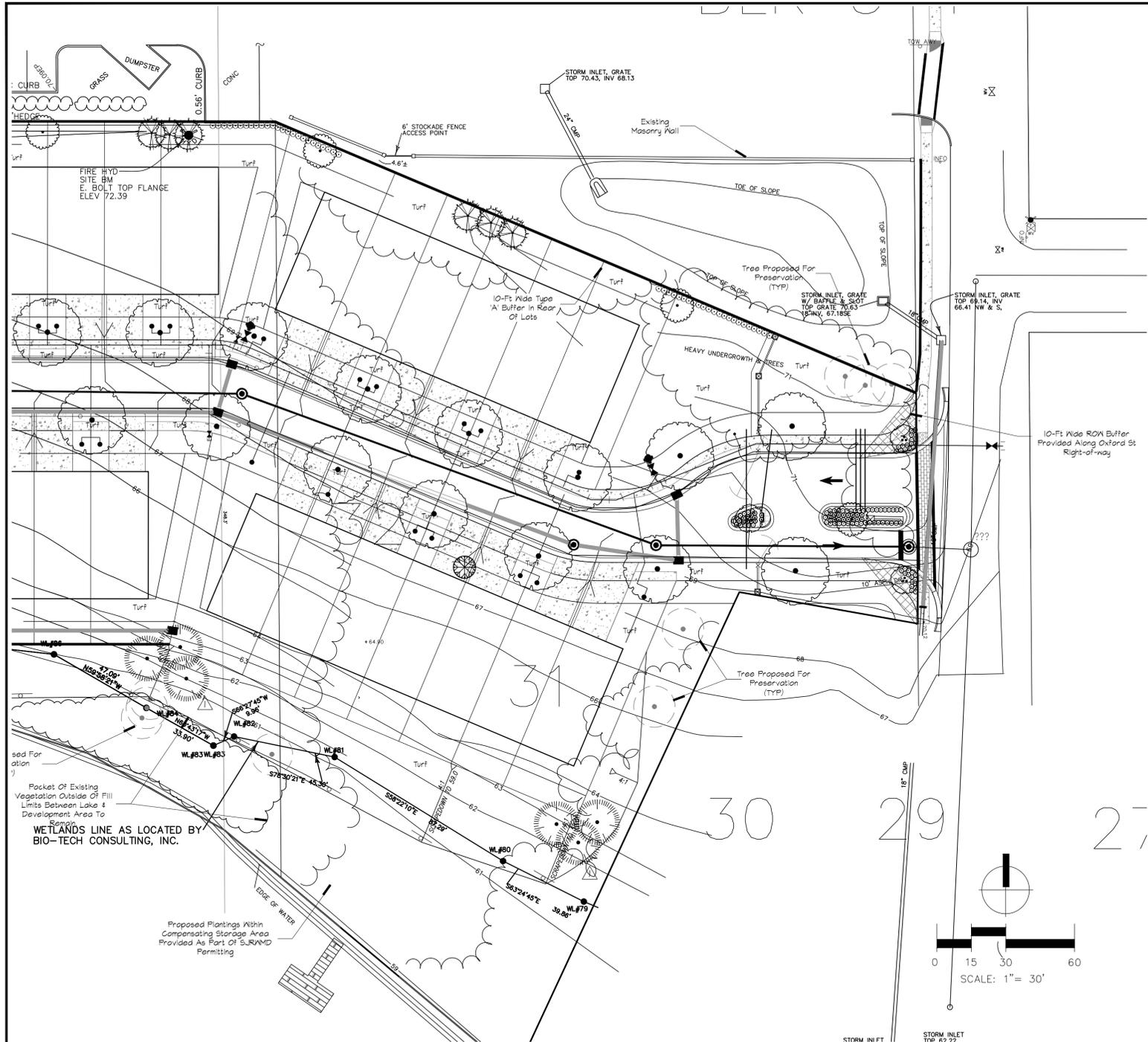
Date Sept. 9, 2016

No.	Description	Date
1	Revise per Staff comments	12.05.2016

Drawn: _____
Designed: _____
Checked: _____
Project No. KD 16-017

Sheet Title
**Landscape Plan
West & Mid Sections**

Seal
Sheet No.
**LA
02**
Randall D. Kirkwood
FL RLA #1605



PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE
	AR-45	1	Acer argutum / Maple	45 gal	3" Cal	12' t
	IA-E45	5	Ilex x attenuata 'Eagleston' / Eagleston Holly	45 gal	2.5" Cal	10' t
	LI-MK45	3	Lagerstroemia x 'Muskogee' / Lavender Grape Myrtle Multi-Trunk	45 gal	3" Cal (3 Lgst Stems)	12' t
	PE-45	12	Pinus elliotti / Slash Pine	45 gal	3" Cal	12' t
	QV-65	24	Quercus virginiana / Southern Live Oak	65 gal	4" Cal	12' t
	TD-45	12	Taxodium distichum / Bald Cypress	45 gal	3" Cal	12' t
SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SIZE	SPR
	LC-B3	65	Loropetalum chinense rubrum 'Blush' / Blush Loropetalum	3 gal	18" x 18" Full	30"
	FR-3	26	Pennisetum rubrum / Fountain Grass	3 gal	24" Hgt x 18" Sprd	
	RIA-3	85	Raphiolepis indica 'Alba' / White Indian Hawthorn	3 gal	15" x 15"	24"
	RA-RF	13	Rhododendron azalea 'Red Formosa' / Red Formosa Azalea	3 gal	18" x 18" Full	36"
	RA-WR	42	Rhododendron azalea 'White Ruffle' / Azalea	3 gal	15" x 15"	30"

All plant specs to be met, container sizes are for general reference contractor to upsize containers as needed to meet specified caliper, height or spread.
 All Canopy Trees to be Fl # 1, 3" caliper and min 12' Hgt. Understory Trees to be min. 10-ft in Hgt. Multi-stem trees to have 3 largest stems to equal 3" caliper.

Landscape Planting Plan - East Section

Date Sept. 9, 2016

1	Revise per Staff comments	12.05.2016
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Drawn: _____ Designed: _____ Checked: _____ Project No: KD 16-017

Sheet Title
 Landscape Plan
 East Section

Seal

 Randal D. Kirkwood
 FL RLA #1605