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Pelican Square Tequesta, Florida

Designed: BRD
Drawn: BRD
Approved: GG MTH, EMO
Date: 6/8/18
Job no. _____
Revisions: 08/13/18
9/26/18
10/31/18
11/20/18

Cad no. CAD0

Seal

LC C000177

Sheet Title:

**Landscape
Development
Plan**

Scale: 1" = 20'

Sheet No.

LP-1

00-0000

LANDSCAPE DATA:

PARKING TREES REQUIRED	3
PERIMETER TREES REQUIRED (30' O.C.) (EXCLUDES WESTERN PERIMETER DUE TO 0' MxD SETBACK)	20
TOTAL PARKING TREES PROVIDED	3
TOTAL PERIMETER TREES PROVIDED	25
PALMS ALLOWED	50% MAX.
PALMS PROVIDED	50%
PERCENTAGE OF NATIVE TREES	76% (19 OF 25)
PERCENTAGE OF NATIVE SHRUBS & GROUNDCOVERS	60% (1,235 OF 2,057)
TOTAL PERCENTAGE OF NATIVE VEGETATION	58.5% (1,250 OF 2,204)

SITE BUFFER REQUIREMENTS:

Northern Property Line		Southern Property Line	
191 L.F. Required	6 Trees (6.00% of 100) 95 Shrubs (4.75% of 200)	191 L.F. Required	6 Trees (3.10% of 191) 95 Shrubs (4.97% of 191)
Provided	7 Trees 141 Shrubs	Provided	6 Trees / Palms (Specimen Palms 1:1) 183 Shrubs
Western Property Line		Eastern Property Line	
240 L.F. Required	N/A Trees (N/A Shrubs) N/A Palms / Palms (2:1)	240 L.F. Required	8 Trees (3.33% of 240) 120 Shrubs (50.00% of 240)
Provided	9 Trees / Palms (2:1) 334 Shrubs	Provided	11 Trees / Palms (3:1) 121 Shrubs

GENERAL LANDSCAPE NOTES:

- Moisture Sensing Devices Will Be Used To Avoid Irrigating During Rainfall.
- All Lighting & Landscape Shall Be Field Adjusted To Avoid Conflict With Existing & Proposed Utilities
- Root Barriers Shall Be Provided For All Tree's Or Large Palm's Abutting Utilities So As To Avoid Future Conflicts
- The Existing Vegetation Not Utilized Shall Be Removed From Site And Disposed Of In A Correct Manner
- Mulch Is To Be Applied To All Planting Beds, 3" Thick Min.
- Mulch Shall Be Placed So That There Is Only 1" Of Mulch Applied Over The Rootball And 3" Of Mulch Outside Of The Rootball
- Trees And Shrubs Shall Be Planted At Grade Or Slightly Above Grade
- All Planting / Open Space Area's Shall Receive 100% Of Coverage From A Fully Automatic Irrigation System Equipped With A Rain Sensor
- All Specimen Tree's Will Be Coordinated With The Landscape Architect For All Selection's And Sizing.

ROOT BARRIER:

UB 40-2 Specifications
48" DeepRoot Tree Root Barrier

Specified tree root barriers are a mechanical barrier and root collector to prevent tree roots from penetrating sidewalks, driveways, and foundations. Assembled in 2' (61 cm) long modules to meet varying heights to meet application needs. Each module is a hardcap assembly to one side of the tree or to large perimeter around applications with a minimum of 2.0' (61 cm) diameter using 12 panels.

Assemblies:

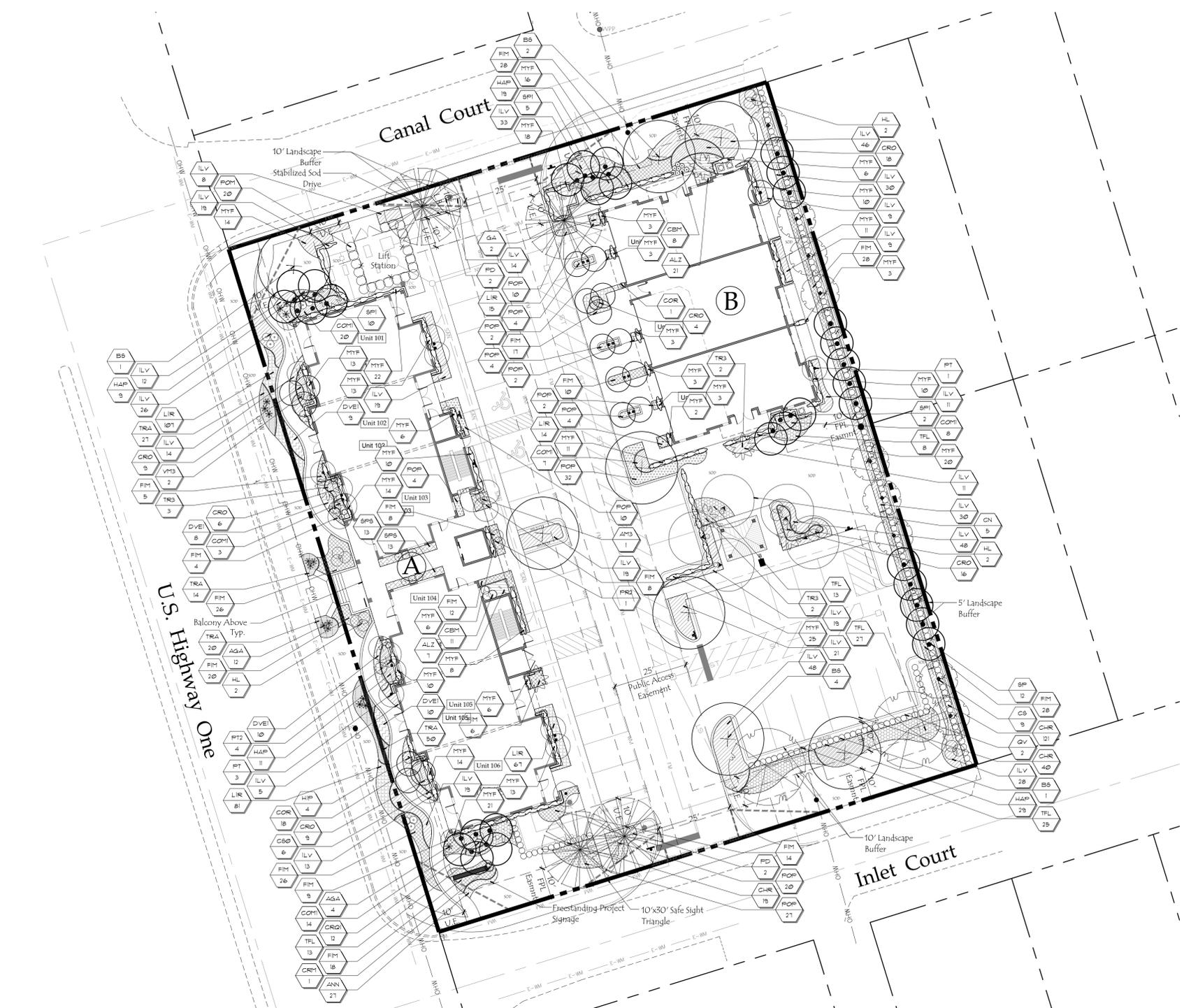
- The contractor shall furnish and install the root barrier and root collector in accordance with the manufacturer's instructions. The root barrier shall be installed in accordance with the manufacturer's instructions. The root barrier shall be installed in accordance with the manufacturer's instructions. The root barrier shall be installed in accordance with the manufacturer's instructions.

Material and Thickness:

Property	ASTM Test Method	Manufacturer's Minimum	Typical Value
Yield stress @ 0.2% strain	MS03	3000 PSI	3000 PSI
Yield strength @ 0.2% strain	MS03	180	180
Tensile strength	MS03	150,000 PSI	150,000 PSI
Modulus of elasticity	MS06	6.4 - 4.2	6.4 - 4.2
Impact Modulus 15 FT PS	MS01	140,000	140,000
Hardness Shore	MS02	70D	70D

Construction and Installation:

- The contractor shall install the tree root barrier with the number of panels and in the manner shown on the drawing. The vertical end blocking top shall be hung from the top of the root ball and the top edge shall be 1/2" (12.7 mm) above grade. Each of the required number of panels shall be placed in a tight fit and placed along the adjacent landscape or where specified connected to form a continuous root barrier.
- Excavation and preparation shall conform to the drawings.



PLANT LEGEND:

Date Palm	Gumbo Limbo	Agave 'Blue Wave'	Annuals	Iris 'White'
Coconut Palm	Live Oak	Pygmy Date Palm 'Double'	Ilex	Spathyphylum
Montgomery Palm 'triple'	Sabal Palm	Bottle Palm 'Triple'	Green Island Ficus	Liriope 'Big Blue'
Christmas Palm 'Triple'	Italian Cypress	Hibiscus Std. 'Seminole Pink'	Dwarf Fakahatchee Grass	Ginger 'Variegated Shell'
Thatch Palm 'Triple'	Silver Buttonwood Std.	Ti Plant 'Auntie Lou'	Podocarpus 'Pringles'	Podocarpus
Alexander palm 'Single'	Crinum Lilly 'Queen Emma'	Ti Plant 'Black Magic'	Crotons	Red Tip Cocoplum
Alexander palm 'Double'	Rubber Vine	Gardenia 'Miami Supreme'	Asian Jasmine	Simpson's Stopper
			Fire Bush	

