

Site Data

palm trees.

SEPARATE PERMIT.

NO EXISTING TREES

CHARLOTTE COUNTY NOTE:

PRESERVE IN PERPETUITY.

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PERPETUITY

PERMISSION OF CHARLOTTE COUNTY.

1. ALTERATIONS TO LANDSCAPING AND BUFFERS REQUIRE PRIOR WRITTEN

2. TREE PERMITS MUST BE OBTAINED PRIOR TO ANY LAND CLEARING, CUT /

4. HABITAT PRESERVE AND OPEN SPACE WETLAND SHALL BE MAINTAINED AND

HABITAT PRESERVE AND OPEN SPACE WETLAND

SHALL BE MAINTAINED AND PRESERVED IN

FILL ACTIVITIES OR THE ISSUANCE OF ANY BUILDING PERMITS. 3. HABITAT PRESERVE AND OPEN SPACE WETLAND SHALL BE MAINTAINED AND Land Use: Residential

Development Areas

Project Area: 1,368,344 SF

Excluding Wetlands/Conservation Area/Future

No more than 25% of the required tree points may

No more than 50% of the required tree points may

be obtained from planted native or non-native

be obtained from approved non-native trees.

NOTE: SITE HAS BEEN CLEARED UNDER

1 Tree point per 2 000 sf of development 1,368,344/2,000 = 684 tree points required. Refer to plant list on L-4 for tree points provided. LANDSCAPE REQUIREMENT CALCULATIONS

### OPEN SPACE

5% of property to be provided in open space. Refer to Engineering Plans for provided open space

# BUFFER REQUIREMENTS

### PERIMETER BUFFERS

US, 41 BUFFER Type 'B' Buffer, 10' wide, 434 lf. 3 Canopy Trees, 1 Accent Tree, 15 shrubs per 100 lf. 4,34 x 3 = 13Canopy Trees Required 4.34 x 1 = 5 Accent Trees Required

4 34 x 15 = 65 Shrubs Required

525 If / 35 = 15 trees required and provided.

- Perimeter landscaping.
  (1) In general.

  a. Areas abutting public rights-of-way shall be screened from public rights-of-way by a perimeter landscape strip at least eight (5) feet in width.
- b. For parcels smaller than twenty thousand (20,000) square feet, the perimeter landscape strip width may be reduced to five (5) feet provided there is a minimum of three (3) feet of pervious surface adjacent to the meter landscape strip.
- For the purposes of this section, ingress and egress lanes act to separate perimeter landscape strips, and the width of incress and egress lanes is excluded when
- width of ingress and egress lanes is excluded when determining the length of perimeter landscape strips.

  d. One (1) tree is required for every thirty-five (35) feet, or fraction thereof, of perimeter landscape strip. Trees within a section of perimeter landscape strip may be grouped, but the distance between trees in a section shall not even of fifth (50) feet. exceed fifty (50) feet.

STREET 100
Type 'A' Buffer, 10' wide, 500 lf,
2 Canopy Trees, 1 Accent Tree, 10 shrubs per 100 lf,
5 x 2 = 10 Trees Required and Provided
5 x 1 = 5 Accent Trees Required
5 x 10 = 50 Shrubs Required

Perimeter and Interior Parking Lot Landscaping perimeter landscaping and interior parking lot landscaping subject to section 3-9-100.2. of charlotte county land

Note: All proposed trees have a minimum separation

of IO feet between critical root zones and

underground utility lines.

12,958 S.F. OF PROPOSED OFF-STREET PARKING, ONE TREE AND NO SOD ARE REQUIRED AND PROVIDED AT THE END OF PARKING ROWS. 36,550 x 10% 3,655 s.f. of interior landscaping required and xxx

- Intelligence Courty Centeral Better A. Landscape Notes

  All plants, sweep transplanted plants, shall meet or occeed
  the plants and plants and plants and the county of the

- be obtained from approved non-native trees except that non-native palms shall not count for more than twenty-five (25) percent of total required points per section
- non-native palms shall not count for more than twenty-five (25) percent of total required points per section 3-9-103.5(9). [3-103.5(9)]. [3-10

- nitogen, phesphore acid and potash in percentages outlined in specifications. It shall be the rasponsibility of the Landscape Constarts, it shall be the rasponsibility of the Landscape Constart of the grade all landscape areas: eliminating all bumps, to depressions, stakic, stones and other debits to the satisfaction of the Landscape Auchitect. All integration debits that may damage or inhibit the growth of plant material with entered under material with entered and the format all planting back. Sod shall not be installed until the format of the state of th
- from all planting beds. Sod shall not be instaled until final grades have boen approved. Contractor shall be responsible for complete takeoff including sod and mutch quantities. Planti fist is for reference only. Plant(s) shall take precedence over plant fist. The Landscape Contractor shall miniation all lawns (seeded or sodded), ground covers, shrubs, palms and trees until final acceptance.
- Maintenance by the Landscape Contractor shall include but not be limited to:
  Inspections & Monitoring
  Fertilizing
  Inspections & Monitoring
  Fertilizing
  Inspect for & Scheause Contral
  Weeding & Cutivating
  Monitoring to maintain 2' helpits & Edging
  The Landscape Contractor will be responsible to insure
  that all plant material will be watered thoroughly at time
  of planting, and insure all plant material will receive an
  adequate supply of varter throughout the construction
  period. The Landscape Contractor shall be responsible
  for watering as needed to establish the plant material
- period, internacepte Congractor snate presponsion for watering as needed to establish the plant material and ensure healthy plantings through final acceptance Contractor shall remove all tape and supports (except specified guys & braces) from all plantings prior to final
- acceptance.

  All areas of the site disturbed by construction and not plante shall be sadded.

- 17. All areas of the site disturbed by construction and not planted shall be sodded.

  18. Planting widths for buffers must be 1/2 of the buffer width with none being less than 5?

  19. Landscaping shall not interfere with or obstruct existing or proposed overhead or underground stillies. 13-9-100 (e)(6)] PROPOSED TREES SHALL BE FIELD LOCATED WHERE STANDARD OF THE S applicant may use a temporary irrigation system or hand watering if the applicant can demonstrate that such an approach will provide adequate water for plant survival. All

- (1) Plantings, fences, walls, berms and irrigation systems required by section [3-9-100 (g)] of Charlotte County Code of Ordinances must be maintained in good repair. Landscaped and buffer areas must be kept free of weeds, litter and debris.
- (3) It is unlawful to violate any of the provisions of this section [3-9-100



AND ASSOCIATES, INC

LANDSCAPE ARCHITECTS
AND PLANNERS

2221 McGregor Blvd. Fort Myers, Florida 33901 PHONE: (239) 337-5525 FAX (239) 337-4494

L.A. LICENSE: LC COOOO63

**WILLOWS** 

TOWNHOMES CHARLOTTE CO., FL

PREPARED FOR:

1605 Hendry Street Fort Myers, FL 33901 Ph: (239) 418-0691 Fax: (239) 418-0692

andrew.fitzgerald@respec.com

CONSULTANT:

CATCOMING S LATE OF PORTON

PROJECT NO.	223170		
PROJECT MJR:	GREG DISERIO		
FILE NAME:	WILLOWS TH LS		
DESIGNER	GJD		
CAD TECH:	GJD		
CHECKED BY:	GJD		
ISSUED FOR:			

ISSUED DATE:	MARCH, 13, 2024
REVISIONS:	
JULY 15, 2024 CO	DMMENT RESPONSE
JULY 31, 2024 CO	MMENT RESPONSE

LANDSCAPE CALCULATIONS

Tree Species Mix Required # of Trees Minimum # of Species 11-20 21-30 31-40 41+

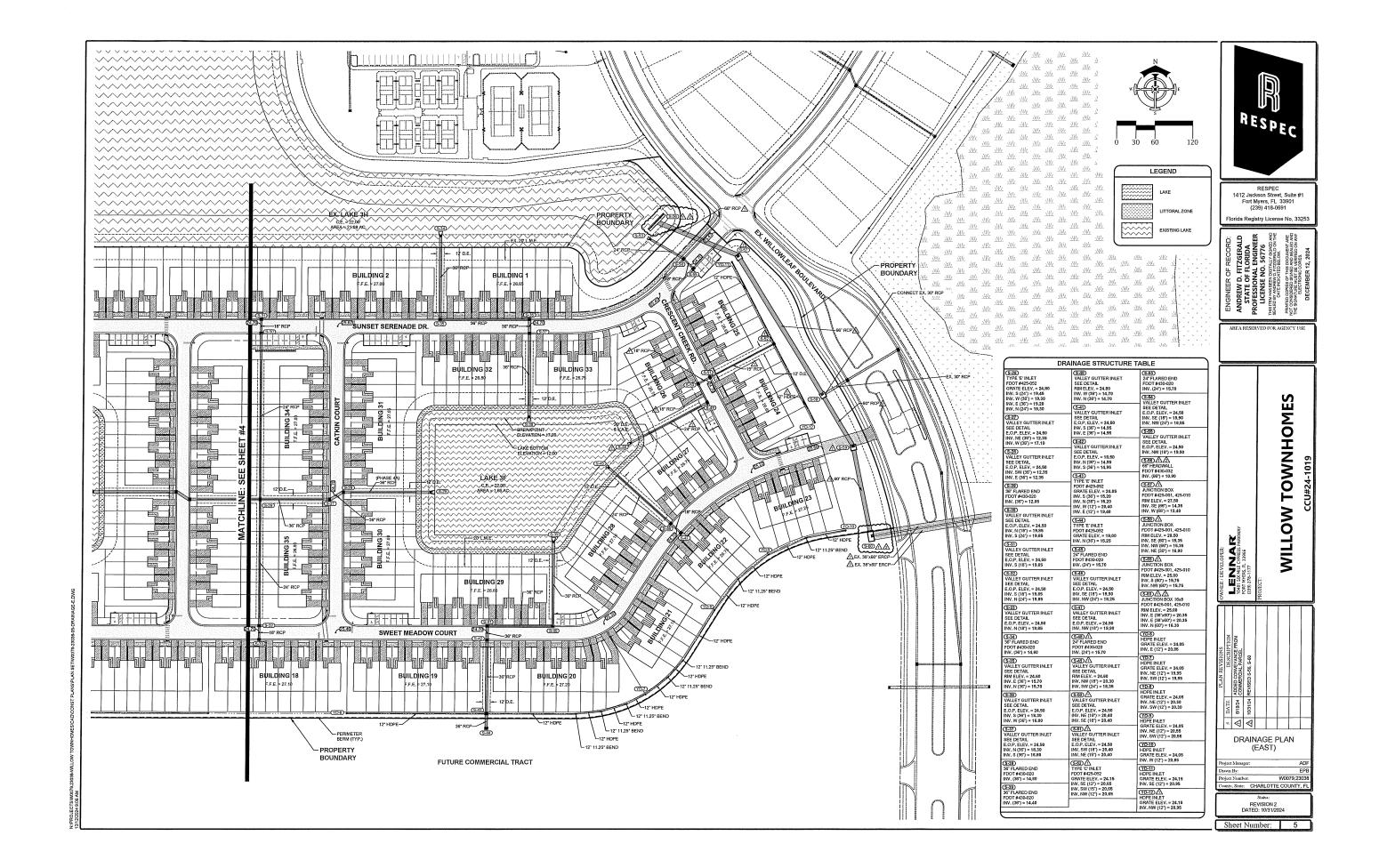
EXHIBIT 5: TREE POINTS

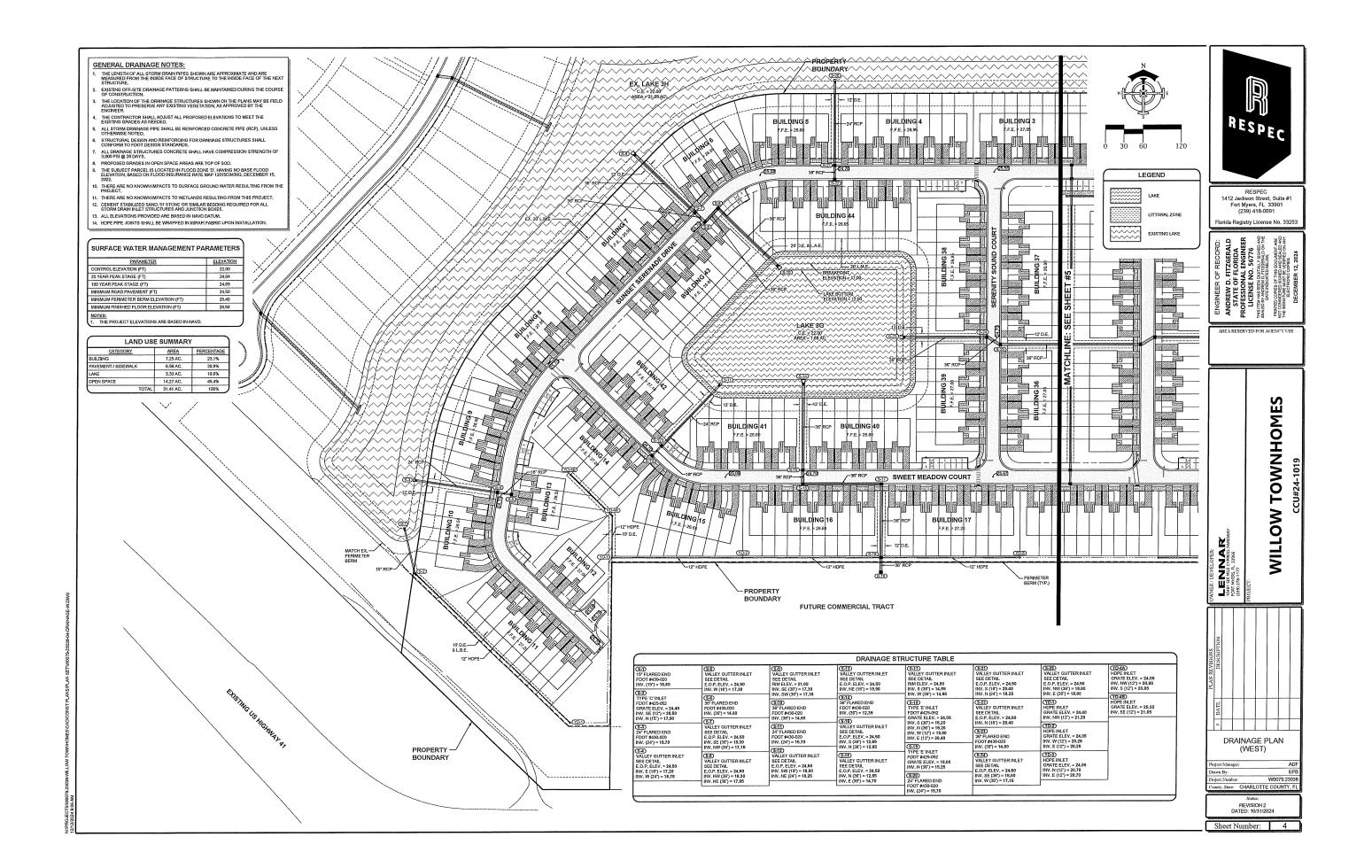
TREE CAUPER (NCHES)	RETAINED NATIVE (EXCEPT PALMS)	INSTALLED NATIVE (EXCEPT PALMS)	NON-NATIVE (INSTALLED OR RETAINED)	NATIVE PALMS (MIN. 6' CLEAR TRUNKS)
2.0	1.0	1.0	0.5	0.5
3.€	1.5	1.5	1.0	Ø.5
4.0	3.5	2.5	1.5	0,5
5.0	4.0	3.⊖	2.0	0.5
6.0	4.5	3.5	2.5	0.5
1.⊖	5.0	4.0	3.0	0.5
8.0	5.5	4.5	3.5	0.5
9.0**	6.0	5.0	4.0	0.5

FROM EXHIBIT 8: LIST OF APPROYED TREE SPECIES.

• ADD 0.5 POINTS FOR EYERY INCH THEREAFTER (EXCEPT IN THE CASE OF PALMS, WAX MYRTLES, AND PALMETTO).

\* REFER TO SHEET L-4 FOR TOTAL CREDIT TREE POINTS TO BE PROVIDED





### GENERAL UTILITY NOTES:

- CONTRACTOR TO VERIFY THE SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION, EXISTING UTILITY INFRASTRUCTURE ON THE PROPERTY TO BE PHYSICALLY LOCATED TO AVOID POTENTIAL CONFLICTS OR DAMAGE TO THIS INFRASTRUCTURE.

  LOCATIONS OF PROPOSED UTILITY LINES ARE SUBJECT TO MODIFICATIONS TO PRESERVE ANY EXISTING VEGETATION AS DETERMINED BY THE ENGINEER.
- WHEN REFERENCING IMPROVEMENTS ADJACENT TO THE SUBJECT PROPERTY THE WIND EXEMPTION SEDENTIAL TO THE SUBJECT WORK THE
- CONTRACTOR TO PROVIDE UTILITY RECORD DRAWINGS TO OWNER AND ENGINEER PRIOR TO FINAL PAYMENT REQUEST.
- CONTRACTOR TO PROVIDE UTILITY RECORD DRAWINGS TO OWNER AND ENGINEER PROUR TO HARL PAYMENT REQUEST,
  ALL UNDERGROUND UTILITIES LOCATED BENEATH HE STABILLED PORTION OF THE ROAD BED SHALL BE INSTALLED PRIOR TO COMPACTION OF THE SUBGRADE.
  CONTRACTOR SHALL NOTHEY ALL UTILITY PROVIDERS AT LESS 148 HOURS PRIOR TO THE START OF UNDERGROUND CONSTRUCTION THE CONTRACTOR SHALL DETERMINE IT UTILITIES OTHER THAN THOSE SHOWN THE PLANS EXIST.

- THE CONTRACTOR IS REQUIRED TO ADJUST ALL EXISTING AND PROPOSED VALVE BOXES, MANHOLE RIMS, GRATES, ETC. AS REQUIRED TO MATCH THE PROPOSED GRADE CASINGS AND/OR CONDUIT SHALL EXTEND FIVE(5) FEET BEYOND THE EDGE OF PAVEMENT, BACK OF CURB AND/OR SIDEWALK AT EACH END AND SHALL BE INCLUDED IN RECORD DRAWINGS TO THE ENGINEER,
- GENERAL POTABLE WATER NOTES:

BOUNDARY 6 PYO SANITARY SEW

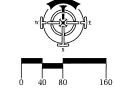
- . ALL UTILITY CONSTRUCTION TO BE IN ACCORDANCE WITH CHARLOTTE COUNTY UTILITIES STANDARD SPECIFICATIONS, LATEST EDITION.
- ALE COMPONENTS OF THE POTABLE WATER SYSTEM, EXCLUDING PIRE HYDRANTS, SHALL BE IN CONFORMANCE WITH THE AMERICAN INSTRUMENTS INSTRUMENTS INSTRUMENTS INSTRUMENTS AT STRUMENT STANDARD SIT HE LOCATION OF PUBLIC WATER SYSTEM MAINS SHALL BE IN ACCORDANCE WITH FAC. RULES 82-40, 82-590 AND 82-590, ALL COMPONENTS, INSTALLATION AND TESTIL OF THE POTABLE WATER SYSTEM SHALL BE IN ACCORDANCE WITH FAC. RULES 82-40, 82-590 AND 82-590, ALL COMPONENTS, INSTALLATION AND TESTIL OF THE POTABLE WATER SYSTEM SHALL BE IN ACCORDANCE WITH FAC. WAY.M. APPLICABLE STANDARDS.
- PROPOSED WATERLINE FITTINGS ARE SHOWN AT MAJOR BENDS IN WATER MAIN ALIGNMENT, CONTRACTOR SHALL UTILIZE ADDITIONAL FITTINGS AS NECESSARY TO DEFLECT WATERLINE IN ACCORDANCE WITH THE UTILITY PROVIDER SPECIFICATION:
- THE ENDS OF ALL CAPPED POTABLE WATERLINES SHALL BE MARKED WITH ELECTRONIC MARKER AND  $2 \times 4^\circ$  STAKES 5° IN LENGWITH 2' ABOVE GROUND.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL BLUE-BLUE REFLECTIVE PAVEMENT MARKERS AS REQUIRED IN CENTER OF ADJACENT TRAVEL LANE AT EACH FIRE HYDRANT.
- AUMICENT INVIVEL DATE AT EACH FIRE HITHAWNI.
  ALL WATER WIVES SHALL CONFORM TO A.WIVA. C-509 RESILIENT SEATED TYPE.
  CONTRACTOR SHALL USE 45° BENDS AT CONFLICTS. RESTRAINTS TO BE MEGA-LUG. TYLER MJR GLANDS OR APPROVED EQ
  CONTRACTOR SHALL NOT EXCEED 75% OF THE MANUFACTURES RECOMMENDED MAXIMUM PIPE DEFLECTION.
- ALL POTABLE WATERLINES SHALL BE AWWA C-900, DR 18 CLASS 150 PVC RUBBER GASKETED PIPE WITH BELL AND SPIGOT END INLESS OTHERWISE NOTED.

## GENERAL SANITARY SEWER NOTES:

SPPVC SANITARY SEWER

- ALL UTILITY CONSTRUCTION TO BE IN ACCORDANCE WITH CHARLOTTI COUNTY UTILITIES STANDARD SPECIFICATIONS. LATEST EDITION.
- ALL GRAVITY SEWER LINES SHALL BE PVC (SDR 28), GREEN IN COLOI UNLESS OTHERWISE NOTED, MINIMUM DEPTH OF GRAVITY SEWER PIPE SHALL BE 5' UNLESS OTHERWISE APPROVED BY CCU.
- ALL SEWER LENGTHS ARE APPROXIMATE AND ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.

  MANHOLE TOPS ARE APPROXIMATE AND SHOULD BE ADJUSTED TO FINAL GRADE OR PAVEMENT ELEVATION.
- ALL SANITARY SEWER SERVICES TO BE 6" IN DIAMETER, UNLESS OTHERWISE NOTED.
- ALL SANITARY SEWER MAIN TESTING SHALL BE IN ACCORDANCE WITH THE CHARLOTTE COUNTY UTILITIES SPECIFICATIONS FOR GRAVITY





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W0079.2303

Sheet Number: 6

PLAN & PROFILE KEY MAP

