

Starr Paton

From: Tammy Cook <TammyC@cgasolutions.com>
Sent: Thursday, September 7, 2023 6:24 PM
To: wtonning@tonningandassociates.com
Cc: Jonathan Cauff; Starr Paton; Melissa Cauff
Subject: RE: 14 Cayuga Landscape plan

Dear Wayne,

Thank you for your prompt response on these final items. Please ensure that the contractor that is providing all of the synthetic turf requirements on the plans.

Starr, all items have been addressed.

Regards,

Tammy

Tammy Cook-Weedon, PLA, LEED AP BD+C
Director of Landscape Architecture Department

Calvin, Giordano & Associates, Inc. - a SAFEbuilt Company
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-----Original Message-----

From: Wayne Tinning <wtonning@tonningandassociates.com>
Sent: Thursday, September 7, 2023 4:56 PM
To: Tammy Cook <TammyC@cgasolutions.com>
Cc: Jonathan Cauff <jcauff@gmail.com>; Starr Paton <spaton@vsrl.us>; Melissa Cauff <melissacauff@gmail.com>
Subject: Re: 14 Cayuga Landscape plan

Tammy

attached are Sheets LP-1 and LP-2

Thank you for calling me to clarify

I put the turf Specs on Sheet LP-2.

Thank you

Wayne

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<http://www.facebook.com/Tonningandassociates>

Wayne Tinning, RLA
Landscape Architect
FL Reg #6666709

LEED Green Associate, Accredited
ASLA Member
USGBC Member
Florida Licensed Real Estate Professional - Realtor®



September 7, 2023

Project: Cauff Residence
Address: 14 Cayuga, Sea Ranches, Florida

Reviewer: Tammy Cook-Weedon, PLA, LEED AP BD+C

RESPONSE COMMENTS

1. The Planting plan is still deficient on the Native Shrub requirement. They have 359 total and 68 are native varieties- so 19% are natives and 50% is required by code.

RESPONSE: See Sheet LP-1. Species has been revised and quantities adjusted to meet the threshold for native.

2. They have not provided the Synthetic Turf Details and specifications as required by the code.

RESPONSE: See Sheet LP-1. Synthetic Turf Specification has been added.

3. The Planting Elevation needs to be provided per the code requirements.

RESPONSE: Elevations provided for time of installation, and growth in Five Years.

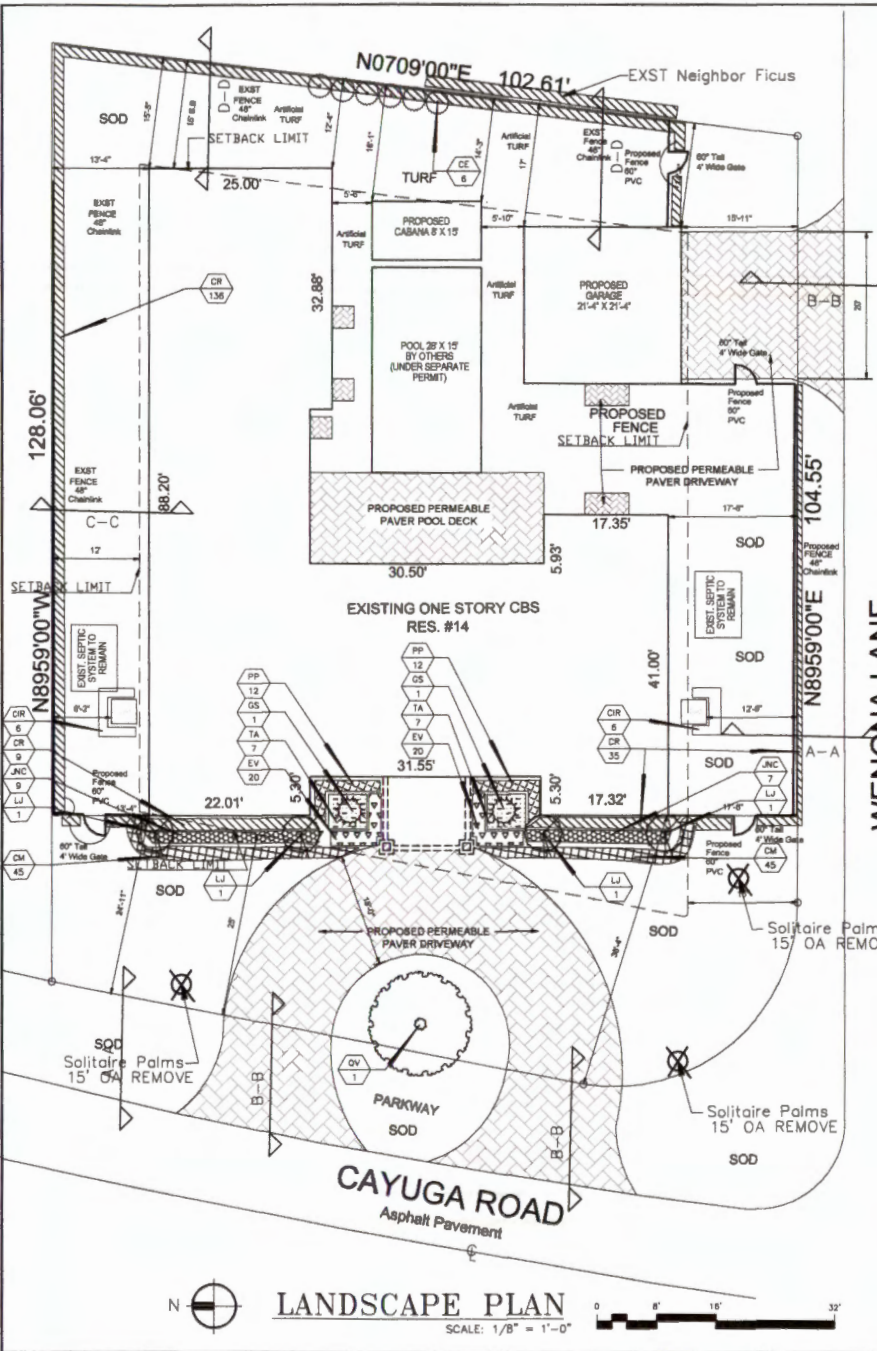
If you have any questions, or need further supportive information, I may be reached at 561-414-8269 or at wtonning@tonningandassociates.com .

Regards,

**Wayne K
Tonning**

Digitally signed by Wayne
K Tonning
Date: 2023.09.07 15:15:30
-04'00"

Wayne Tonning, PLA
FL Reg LA6666709



PROPOSED PLANT LIST -

TREES / PALMS - ALL Native Todd Provided	Code	Drought	QTY.	Botanical Name / Common Name	Specifications
01	Y	4	Lightning Jasmine / Japanese Tree Ligustrum	888' Fall Down, 8" CR, 10" trunk	
02	Y	8	Common Juniper / Deep Rooted Juniper	888' Fall Down, 8" CR	
03	Y	8	Common Juniper / Live Oak	888' Fall Down, 3" Cal, 5" Apr, 12-14" CR	
ACCENTS / SHRUBS / GROUND COVERS - SSS Native Todd Provided	Code	QTY.	Botanical Name / Common Name	Specifications	
04	Y	30	Common Juniper / Live Oak	3' Dia, 18" CR, min 18" spread, 24" OC	
05	Y	40	Common Juniper / Live Oak	1' Dia, 12" CR	
06	Y	2	Common Juniper / Live Oak	3' Dia, 20" CR, min 24" spread, 24" OC	
07	Y	2	Common Juniper / Live Oak	3' Dia, 18" CR, min 18" spread, 24" OC	
08	Y	18	Common Juniper / Live Oak	3' Dia, 18" CR, min 18" spread, 24" OC	
09	Y	18	Common Juniper / Live Oak	3' Dia, 18" CR, min 18" spread, 24" OC	
10	Y	18	Common Juniper / Live Oak	3' Dia, 18" CR, min 18" spread, 24" OC	
11	Y	18	Common Juniper / Live Oak	3' Dia, 18" CR, min 18" spread, 24" OC	
12	Y	12	Common Juniper / Live Oak	3' Dia, 18" CR, min 18" spread, 24" OC	
MISCELLANEOUS	Code	QTY.	Botanical Name / Common Name	Specifications	
001	M	1	St. Augustine Grass / St. Augustine Grass	Self application - no gaps between seams - LANDSCAPE AREA	
002	M	1	Florida Native Plant Species	Minimum Drought Tolerance	
003	M	1	Florida Native Plant Species	Minimum Drought Tolerance	
004	M	1	Florida Native Plant Species	Minimum Drought Tolerance	

SPECIAL INSTRUCTIONS
General site and berm grading to +/- 1 inch (1") shall be provided by the general contractor. All finished site grading and final decorative berm shaping shall be provided by the landscape contractor.

All areas as indicated on the planting plan shall receive Stenolophium secundatum, St. Augustine Florida sod sod. It shall be the responsibility of the landscape contractor to include in the bid, the repair of any sod which may be damaged from the landscape installation operations.

Landscape permits are required before any planting occurs. Permits are obtained from the Building Department.

Trees are to be planted at a depth so that the root- and top of first order root(s) are fully visible.

A pre-planting meeting shall be scheduled with the City Planner and the landscape contractor, prior to landscape installation.

The use of cypress mulch is discouraged and all mulch is to be kept at a minimum 3" away from the trunks of the trees.

Poles and ties are to be removed from trees and palms prior to planting. Trees are to be staked to stand without support. Those trees that cannot stand upright alone will be rejected.

The use of steel rope is required to be incorporated around the tree when Wellington tape is used in staking.

Trees in on-site areas shall be located near the edge of the sods in order not to impede drainage.

All existing trees on site will be properly trimmed by a "Board County Licensed Tree Trimming Company" prior to a final landscape inspection.

All landscape materials placed adjacent to curbing shall be planted 3 feet back from face of curb.

Ground cover areas at time of installation shall be planted with a minimum of seventy-five (75) percent coverage with one hundred (100) percent coverage occurring within three (3) months of installation.

SYNTHETIC TURF shall comply with Section 4.01.00(X)(1)-(4)

GENERAL PLANTING REQUIREMENTS

All sizes shown for plant material on the plans are to be considered Minimum. All plant material must meet or exceed these minimum requirements for both height and spread. Any other requirements for specific shape or effect as noted on the plan(s) will also be required for final acceptance.

All plant material furnished by the landscape contractor shall be Florida #1 or better as established by "Grades and Standards for Florida Nursery Plants" and "Grades and Standards for Florida Nursery Trees". All material shall be installed on per CSI specifications.

All plant material included herein shall be warranted by the landscape contractor for a minimum period as follows: All trees and palms for 12 months, all shrubs, vines, groundcovers and miscellaneous planting materials for 90 days, and all lawn areas for 90 days after final acceptance by the owner or owner's representative.

All plant material shall be planted in planting soil that is delivered to the site in a clean loose and friable condition. All soil shall have a well drained characteristic. Soil must be free of all rocks, sticks, and objectionable material including weeds and weed seeds as per CSI specifications.

Twelve inches (12") of planting soil 50/50 sand/topsoil mix is required around and beneath the root ball of all trees and palms, and 1 cubic yard per 50 bedding or groundcover plants.

All landscape areas shall be covered with Eucalyptus or sterilized seed free Metastack mulch to a minimum depth of three inches (3") of cover when settled. Cypress bark mulch shall not be used.

All plant material shall be thoroughly watered in at the time of planting, no dry planting permitted. All plant materials shall be planted such that the top of the plant ball is flush with the surrounding grade.

All landscape and lawn areas shall be irrigated by a fully automatic sprinkler system adjusted to provide 100% coverage of all landscape areas. All heads shall be adjusted to 50% overlap as per manufacturers specifications and performance standards utilizing a rust free water source. Each system shall be installed with a rain sensor.

Each lot shall supply, install, and maintain an individual irrigation system for that individual lot.

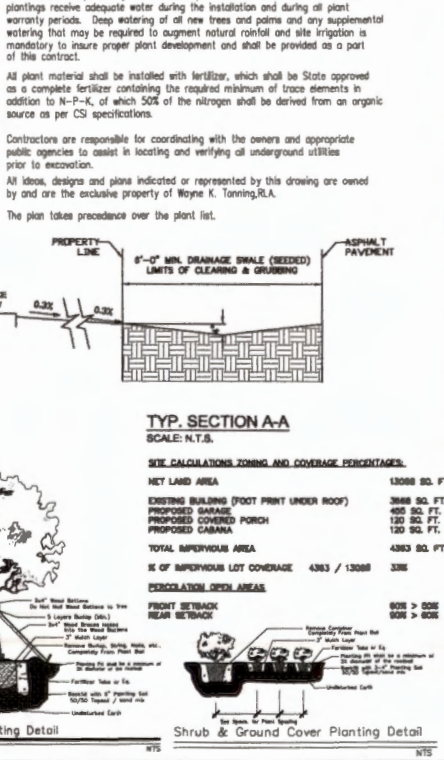
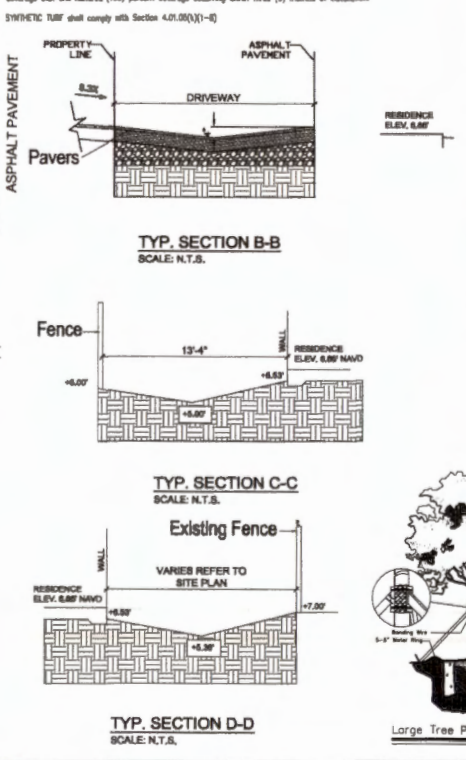
It is the sole responsibility of the landscape contractor to insure that all new plantings receive adequate water during the installation and during all plant warranty periods. Deep watering of all new trees and palms, and any supplemental watering that may be required to augment natural rainfall and site irrigation is mandatory to insure proper plant development and shall be provided as a part of this contract.

All plant material shall be installed with fertilizer, which shall be State approved as a complete fertilizer containing the required minimum of trace elements in addition to N-P-K, of which 50% of the nitrogen shall be derived from an organic source as per CSI specifications.

Contractors are responsible for coordinating with the owners and appropriate public agencies to assist in locating and verifying all underground utilities prior to excavation.

All ideas, designs and plans indicated or represented by this drawing are owned by and are the exclusive property of Wayne K. Tanning, R.A.

The plan takes precedence over the plan list.




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Landscape Architecture & Land Use Planning
Landscape Architects - Florida License #06565709
Civil Engineers - Florida License #33087
Tel: 351-411-6200 Email: wktanning@tonningandassociates.com

LANDSCAPE PLAN
PROJECT: CAUFF RESIDENCE
14 CAYUGA ROAD
SEA RANCH LAKES, FLORIDA 33308
CLIENT: CAUFF

Wayne K Tanning
Digitally signed by Wayne K Tanning
Date: 2023.09.07 17:54:00 -0400

PROJECT NO. 21-117
DRAWN BY: WKT
CHECKED BY: WKT
DATE: 08-03-22
DWG. NO. LP-1
SHT. NO. 1 of 1
REVISIONS:
08-16-23
08-30-23



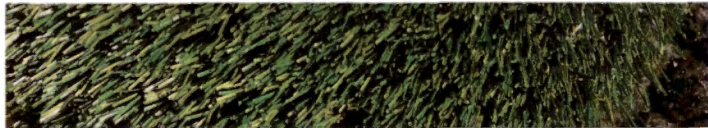
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SYNTHETIC TURF INSTALLATION AND SPECIFICATIONS

FROM CODE

(k) Synthetic Turf.

(1) Synthetic turf may be permitted on all residential lots, shall comply with Rule 64E-6 of the Florida Administrative Code governing septic tanks, as may be amended, and shall be subject to the requirements and procedures set forth in this section.

(2) Synthetic Turf shall be counted towards the minimum required landscaped areas, buffers, foundation plantings or landscape islands.

(3) Synthetic turf shall comply with all of the following design standards and shall:

- i. Simulate the appearance of live turf, organic turf, grass, sod or lawn, and shall have a minimum eight-year "no fade" warranty.
- ii. Be of a type known as cut pile infill with pile fibers of a minimum height of 1.75 inches and a maximum height of 2.5 inches.
- iii. Have a minimum face weight of 75 ounces per square yard.
- iv. Be manufactured from polyethylene monofilament, and dual yarn system.
- v. Be permeable.
- vi. Be lead free and flame retardant.

(4) Synthetic turf shall comply with all of the following installation standards and shall:

- i. Be installed by a state-licensed general contractor or specialty licensed contractor in a manner prescribed by the manufacturer.
- ii. Be installed over a subgrade prepared to provide positive drainage and an evenly graded, porous crushed rock aggregate material that is a minimum of three inches in depth.
- iii. Be anchored at all edges and seams consistent with the manufacturer's specifications.
- iv. Not have visible seams between multiple panels.
- v. Have seams that are joined in a tight and secure manner.
- vi. Have an infill medium consisting of clean silica sand or other mixture, pursuant to the manufacturer's specifications that shall:
 1. Be brushed into the fibers to ensure that the fibers remain in an upright position;
 2. Provide ballast that will help hold the turf in place; and
 3. Provide a cushioning effect.

(5) Synthetic turf shall comply with all of the following additional standards:

- i. Areas of living plant material shall be installed and/or maintained in conjunction with the installation of synthetic turf. Living plant material shall be provided per the minimum code requirements.
- ii. Synthetic turf shall be separated from planter areas and tree wells by a concrete mow strip, border board or other barrier to prevent the intrusion of living plant material into the synthetic turf.
- iii. Irrigation systems proximate to the synthetic turf shall be directed so that no irrigation affects the synthetic turf.

(6) Synthetic turf shall comply with all of the following maintenance standards and shall:


- i. Be maintained in an attractive and clean condition, and shall not contain holes, tears, stains, discoloration, seam separations, uplifted surfaces or edges, heat degradation or excessive wear.
- ii. Be maintained in a green fade less condition and free of weeds, debris, and impressions.

(7) The following uses are prohibited:

- i. Synthetic turf in the public rights-of-way or swales.
- ii. Synthetic turf shall not be used as a screening material where screening is required by this Code.

(8) All uses of synthetic turf shall require a building permit. The building permit application shall include, at a minimum, all of the following information:

- i. A complete landscape plan showing the area of synthetic turf, area of living plant material, and area and method of separation between these areas. Minimum landscape requirements shall be required.
- ii. Details regarding existing or proposed irrigation proximate to the synthetic turf.
- iii. Brand and type of synthetic turf, including all manufacturer specifications and warranties.
- iv. A scaled cross section and details of the proposed materials and installation, including but not limited to subgrade, drainage, base or leveling layer, and infill.
- v. A survey of the property with a signed affidavit from the property owner that no changes have occurred since the date of the survey.



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Landscape Architecture & Land Services

Landscape Architect - Florida License #8886709
Landscape Architect - Florida License #33089
Civil Engineer - Florida License #14-4289
Email: wtk@tonningandassociates.com

DWG. TITLE : **LANDSCAPE PLAN - TURF SPECIFICATIONS**

PROJECT : **CAUFF RESIDENCE**
14 CAUGA ROAD,
SEA HATCH LAKES, FLORIDA, 33088

CLEAR : **CAUFF**

Wayne K Tonning
Digitally signed by
Wayne K Tonning
Date: 2023.09.07
1754:36-0400

PROJECT NO. 21-117

DRAWN BY WKT

DESIGNED BY WKT

CHECKED BY WKT

DATE : 08-03-22

DWG. NO. LP-2

SHT. NO. 2 of 2

REVISIONS : _____
