

Charles Drayton  
Town of Sullivans Island Planning Department

February 20, 2024

Re: Tree Removal Request and Tree Preservation Plan  
2814 Brooks St.  
Sullivans Island, SC

This letter is to request removal and preservation of several trees at 2814 Brooks St. to accommodate the construction renovation project of a new dwelling.

The proposed trees for removal are ordered by number on the attached site layout plan.

1. Category I "HAZARD REMOVAL" : 35" *Quercus virginiana* Double Live Oak – This tree has poor form. There is included bark at the attachment of the co-dominant structure and could pose risk to the existing neighbors parking and proposed new garage for 2814 Brooks St.
  - a. We plan to plant between 40-100" worth of additional trees on the property.
2. 24" *Pinus* sp. Pine – Existing tree root system will be impacted from construction of proposed garage.
3. Category I "HAZARD REMOVAL" : 23/15/20" *Quercus virginiana* Triple Live Oak – This cluster Live Oak has extensive dieback and crown thinning. There is fungal decay on several large limbs. The structure is compromised by competition from surrounding trees and the limbs are overextended due to the light and nutrient competition. There is also poor attachment of the multiple leaders at the base of the tree and failure is likely as the tree declines.
4. Category I "HAZARD REMOVAL" : 34" *Quercus virginiana* Double Live Oak – This tree has spreading form and overextended limbs. The overextended leaders do not provide any opportunity for subordination pruning. The wide attachment at the base of the tree poses a risk for failure over time.
5. 16" *Quercus nigra* Water Oak – This tree has triple co-dominant crown structure with pocket of decay located in triple crotch area.
6. 14" *Pinus* sp. Pine – This tree has poor trunk taper from growth as a volunteer under existing mature oak canopy. Forked central leader at top is structural issue.
7. 8" *Quercus laurifolia* Laurel Oak- Young tree volunteering under mature Pine tree to remain; it will be in direct conflict with proposed building renovation project.
8. 10" *Quercus laurifolia* Laurel Oak – Young tree volunteering under mature Pine tree to remain. Poor irregular trunk shape due to competition and it will be in conflict with proposed building renovation project.

Several of these trees will be impacted by cut and fill grading operations and foundation work to construct the newly proposed site improvements, and this will further undermine the trees at the root system level. Due to the poor structure and positions of these trees, we recommend removal to avoid future damage to property. This will also allow the owner to plant new, high quality trees in positions where they can properly mature and flourish and contribute to the natural beauty of the site. New trees will be planted along the western property line to provide buffering from the neighboring home.

In addition, there are several trees to be preserved around the property. There is a large mature oak cluster and several other established healthy oak clusters to be preserved along the entire eastern property line. There is also two mature cedar trees to be preserved at the front of the property on Brooks St. Further, there are several mature pine trees to be preserved at the southwestern property corner and western property line. The existing buffer along the northern property line and street

# **2814 Brooks Tree Photos**

**#1 double live oak**



**#3 triple live oak**



**#4 double live oak**  
**#6 pine (behind)**



LOT 186 E  
TMS # 529-07-00-045  
ALLEN L & JANICE C CHESTNUT

LOT 185  
22,642 SQ.FT.  
0.520 Ac.

No lay down/ disturbance zone

No lay down/ disturbance zone cont.

NOTE:  
REQUEST 10' RELIEF FROM  
SIDE SETBACK

\*water utility currently connected from Brooks St (existing cottage)

LOT 184 E  
TMS # 529-07-00-047  
UCAS P & KAITLIN MORRISON

LOT COVERAGE	
TOTAL LOT:	22,642 SQFT
TOTAL COVERAGE: (W/POOL DECK AND DRIVE PERVIOUS)	6004 SQFT
TOTAL COVERAGE W/ HIST RED: (W/POOL DECK AND DRIVE PERVIOUS)	5364 SQFT
COVERAGE %:	26% / 23% (H)

PROPOSED SITE PLAN  
SCALE: 1/8" = 1'-0"

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frontage will also be maintained for the buffer and environmental benefits. These areas will be fenced off during construction to protect the trees from adverse impacts. The critical root zones of these trees in preservation zones will be mulched with decomposed natural mulch material to a 3" depth.

In all, it is our recommendation to remove several of the lesser quality trees on this property to allow for the proposed site improvements while also maintaining the best trees on the site for the future use of the property and long term environmental benefits they will provide.

Sincerely,

F. Clark DeCiantis  
SC Landscape Architect # 1131  
ISA Certified Arborist

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