

MEMORANDUM

August 18, 2022

To: Mayor Andrew Gilich
City Council Members
Planning Commission
Mike Leonard, CAO
Jerry Creel, Director of Community Development
Eric Nolan, Arborist

From: City of Biloxi Tree Committee
Tracy Wyman, Chair (Ex-officio); Robin Lang (1); Shirley Robinson (2); Matt Dubaz (3); Susan Peterson (4); Christine Davis (6); Pamela Barlow (7)

Re: 2022-TR [NO NUMBER PROVIDED TO TREE COMMITTEE] Anchor's Landing

NOTE: THIS REQUEST WAS RECEIVED BY THE TREE COMMITTEE ON 8/15/2022 (3 DAYS PRIOR TO THIS THE TREE HEARING)

The Anchor's Landing project proposes the removal or compromise of 21 protected trees in order to develop the property at Camp Wilkes and Brasher Roads into a 57-lot single-family residential subdivision.

The Tree Committee has not visited the site, nor consulted with the City Arborist on this proposal, due to the short deadline. Nevertheless, the Committee makes the following notations and recommendations:

FINAL SUBMITTED SUMMARY OF PROPOSED REMOVALS:

NOTE: SPECIES INFORMATION PROVIDED IS NOT SUFFICIENT. ARE WE TO ASSUME "OAK" IS LIVE OAK? ARE WE TO ASSUME "BAY" IS SOUTHERN MAGNOLIA?

TREE NOTES:
X - Trees to be Permitted for Removal (Total = 21). However, the Developer Will Make Every Effort to Save 10 of These Trees Which are Marked with a Green "X"

List of Trees to be Removed (11 Total)

1. 18" Bay Tree Cluster
2. 6" Bay
3. 9" Bay
4. 15" Oak
5. 12" Oak
6. 10" Oak
7. 9" Oak
8. 6" Oak
9. 7" Oak
10. 9" Oak
11. 18" Oak

List of Trees that the Critical Root Zone will be Disturbed (10 Total)

1. 20" Bay Tree Cluster
2. 14" Bay
3. 10" Bay
4. 8" Bay
5. 9" Bay
6. 22" Oak
7. 15" Oak
8. 11" Oak
9. 8" Oak
10. 8" Oak

All 21 trees listed above are proposed to be permitted for removal.

The applicant states they will make every effort to save those highlighted in YELLOW on the chart above, noting however, that the Critical Root Zone* will be disturbed.**

* See NOTE #1, below.

** See NOTE #2, below.

TREE COMMITTEE NOTE #1

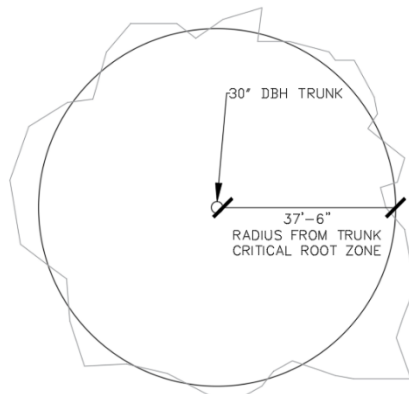
On the plans, the applicant inaccurately defines “critical root zone” (CRZ) as being 10’ from the trunk.

According to the Mississippi State University Extension, the critical root zone is the zone “1.25 feet in radial distance away from a tree for every inch in stem diameter.” Thus the table above includes the precise CRZ for each tree, based on its DBH. The Biloxi’s Tree Ordinance more generally describes the area that must be protected as within the dripline of a tree (which is similar to the calculation above), and that only 10% of this zone may be

EXAMPLE: For a 30” DBH tree, the CRZ is actually 37’-6” radial distance from the trunk.

compromised in any way.

See Reference [HERE](#), or <http://extension.msstate.edu/publications/publications/preserving-trees-construction-sites>



In order to ensure the survivability of these 15 trees, when compromising the maximum 10% of the root zone within the tree’s drip line, the roots must be properly pruned according to ANSI 300 Tree Protection Standards and are to be cleanly cut, not torn, tugged, or otherwise deformed by machinery. The drawings do reflect accurately that no root greater than 50mm in

diameter should be cut or disturbed. If the City Arborist allows the disturbance of any root greater than 50 mm, “after care” of the tree is recommended by the ANSI 300 standards, and the City should assume responsibility and liability for any tree failure. Thus, it would be prudent for the City to disallow disturbance of these roots, and assist the applicant in finding alternative solutions.

TREE COMMITTEE RECOMMENDATION #1

THE TREE COMMITTEE HEREBY RECOMMENDS the plans for removals and compromised CRZ of 21 trees be approved, **with the stipulation that the developer should agree up front to mitigate for all 21 trees (i.e., 42 trees of same species).**

RECOMMENDATION #2: MITIGATION

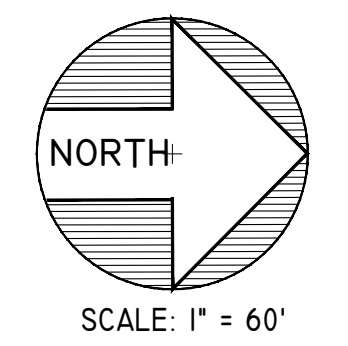
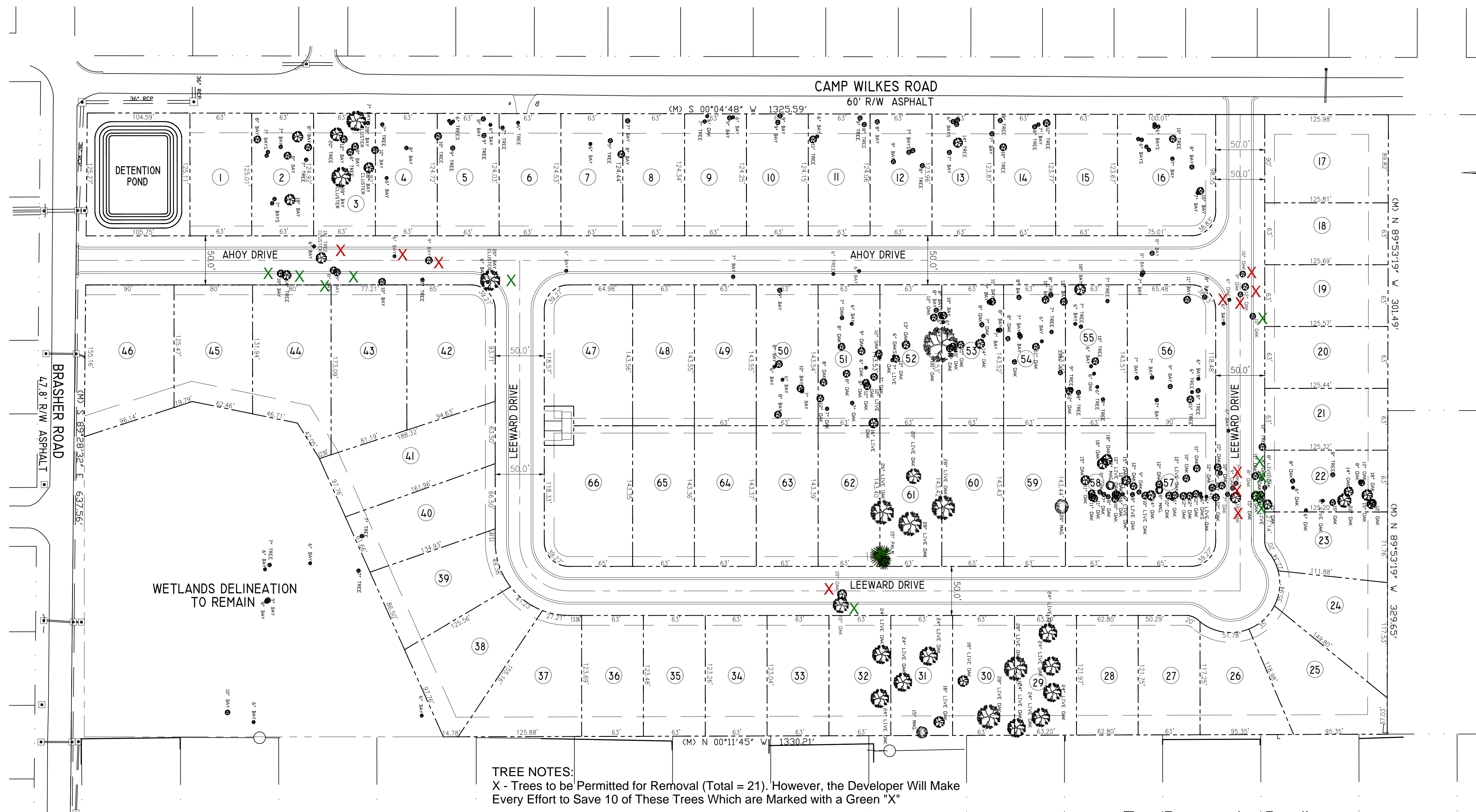
THE TREE COMMITTEE HEREBY RECOMMENDS the applicant be liable for mitigation at a ratio of 2:1 (on-site if feasible, according to the ordinance) for any tree removed or where the CRZ is compromised on this site. Thus, the applicant will mitigate with 42 trees.

THE TREE COMMITTEE ALSO RECOMMENDS all mitigation plantings be *Quercus virginiana* (Live Oak), or Southern Magnolia of the required size listed in the LDO. The species planted should correlate with the species removed.

RECOMMENDATION #3: PROTECTION DURING CONSTRUCTION

Tree protection notes and diagram should align with the LDO as follows:

- Fencing is to be erected no closer than 1' to the tree's drip line (existing canopy) before grading or other development activity begins.
- Fencing or roped off area must be well marked as "TREE SAVE AREA: KEEP OUT."
- Any tree roots must be avoided or if not greater than 50mm, cut clean (rather than torn by heavy equipment).
- No construction, grading, equipment or material storage, or any other activity shall be allowed within the fenced tree save area. Fencing shall be maintained until after the final site inspection AND until all mitigation requirements have been met.



TOTAL STREET LENGTHS - 2,764 L.F.

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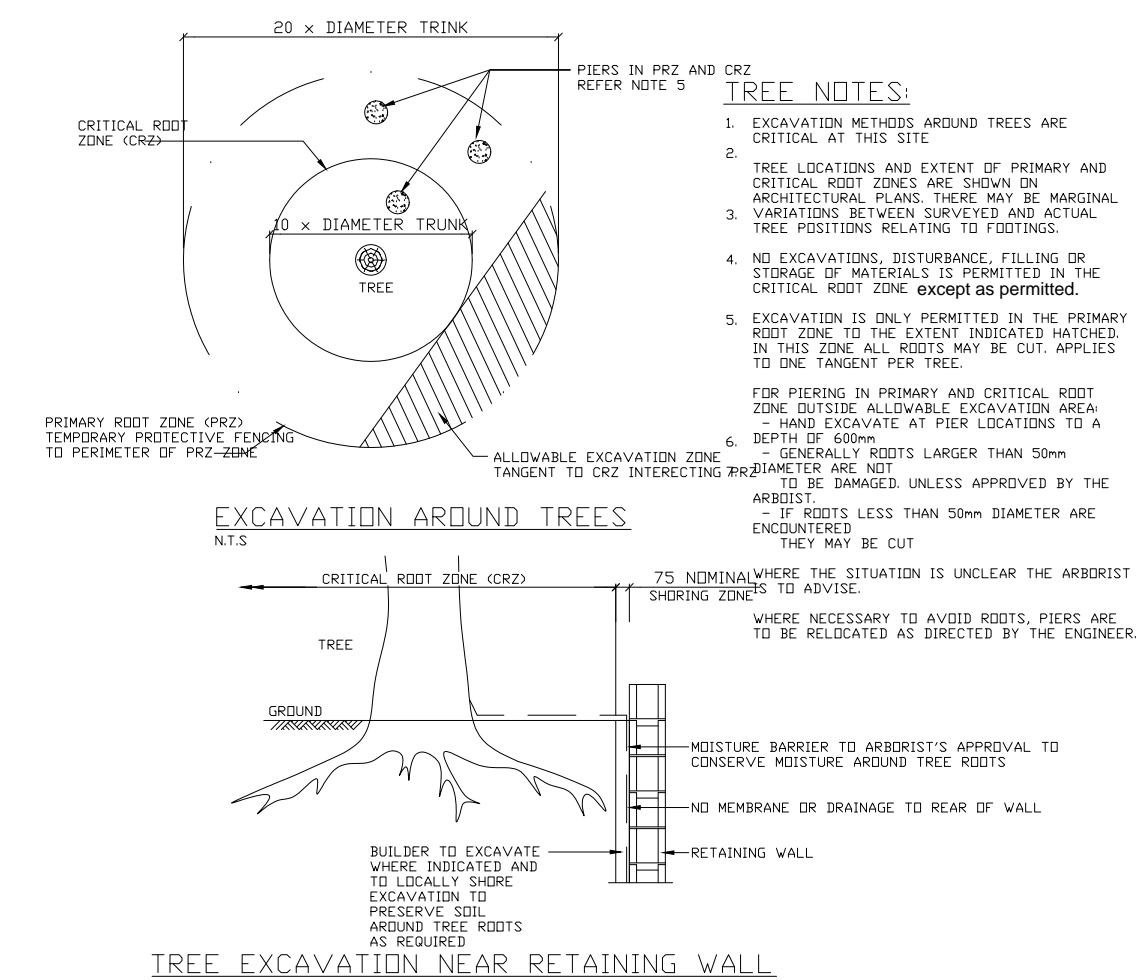
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Tree Preservation Detail



* Tree Survey Completed by Cliff Crosby, PLS

DRAWING INFO.	REVISIONS		
PROJECT NO.:	NO.	DATE:	DESCRIPTION
FILE NAME:			
DRAWN BY: DRB			
CHECKED BY: RKR			
DATE: 04/00			

Project: ANCHORS LANDING SUBDIVISION
CIVIL PLANS
 820 CAMP WILKES ROAD
 BILOXI, MISSISSIPPI 39532

Sheet Title: LOT AND STREET LAYOUT WITH TREES

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 Gulfport, MS 39501

ENGINEERING EXCELLENCE
 WITH KRIS RIEMANN & ASSOCIATES

DRAWING NUMBER **C-7**