

Item # 49

**SEMINOLE COUNTY GOVERNMENT
AGENDA MEMORANDUM**

SUBJECT: Request to approve the Landscaping/Buffering Plan for the Club II Borrow Pit.

DEPARTMENT: Planning & Development **DIVISION:** Development Review

AUTHORIZED BY: Donald S. Fisher **CONTACT:** Jean Abi-Aoun **EXT.** 7342

Agenda Date <u>2/25/03</u> Regular <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Work Session <input type="checkbox"/> Briefing <input type="checkbox"/>
Public Hearing – 1:30 <input type="checkbox"/> Public Hearing – 7:00 <input type="checkbox"/>

MOTION/RECOMMENDATION:

Approve the proposed landscaping/buffering plan with its associated irrigation plan for the Club II borrow pit along Brisson Avenue and along the northwest corner adjacent to the Rosalind Park residential neighborhood for the site located at the northwest corner of Brisson Avenue and SR 46 as shown on the attached aerial photography exhibit.

District 5 – McLain (Jean Abi-Aoun – Principal Engineer) Δ AA

BACKGROUND:

On January 28, 2003, the Board of County Commissioners approved a one year extension for the Club II borrow pit 20 acre expansion which will expire on December 31, 2003. The Board requested that the applicant take two immediate steps: (1) the applicant is to come back and present to the BCC, within 30 days from the January 28, 2003 Board meeting, a proposed buffering/landscaping plan with an associated irrigation plan for the borrow pit along Brisson Avenue and along the northwest corner adjacent to the Rosalind Park neighborhood for the Board's approval. The plan should also clearly depict the location of a new six foot high chain link fence along Brisson Avenue and along the Rosalind Park neighborhood to replace the existing four foot high hog wire fence. (2) The Board also required that upon its approval of the landscaping/buffering plan the applicant will have to complete this work within a six month period ending on June 30, 2003.

Bishop & Buttrey submitted a restoration plan detail depicting a 100 foot stretch typical landscaping scheme with an associated irrigation plan. The applicant is proposing a mix of Laurel Oak, Live Oak and Slash Pine trees ten foot tall with close planting of shrubs to create an underbrush hedge along Brisson Avenue and the Rosalind Park residential neighborhood. The trees will be planted at a density of 20 feet on center. Furthermore, tree saplings of the same tree mix previously mentioned will also be planted at a density of 20 feet on center.

Reviewed by: _____ Co Atty: <u>SA</u> DFS: _____ Other: _____ DCM: <u>BS</u> CM: _____ File No. <u>rpdd03</u>
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Shrubs will be planted at a density of 10 feet on center with seed and mulch to be placed within all disturbed areas between the top of bank and the property line.

The irrigation plan will consist of on-site water trucks and a temporary sprinkler system tied to the pumps used to dewater the borrow pit.

STAFF RECOMMENDATION:

Staff recommends approval of the proposed landscaping/buffering plan with its associated irrigation plan for the Club II borrow pit along Brisson Avenue and along the northwest corner adjacent to the Rosalind Park residential neighborhood for the site located at the northwest corner of Brisson Avenue and SR 46

District 5 - McLain

Attachment: Restoration Plantings Detail
Aerial Photography

LEGEND



EXISTING DENSE LANDSCAPE
TO REMAIN WITH BARE AREAS PLANTED



PROPOSED PLANTING OF BARE AREAS WITH A MIXTURE
OF LIVE & LAUREL OAKS AND PINES, ALONG WITH CLOSE
PLANTING OF SHRUBS TO CREATE A UNDER BRUSH HEDGE
ALL AS DEFINED IN SEMINOLE COUNTY CODE

NOTES

TREES ADDED SHALL BE A MINIMUM OF TEEN FEET
TALL, FIFTEEN GALLON AND TWO AND A HALF INCHES
CALIPER SIX INCHES ABOVE THE ROOT BALL. TREE
SPACING SHALL BE FORTY FEET ALONG ANY STREET
AND SIXTY FEET ON OTHER SIDES.

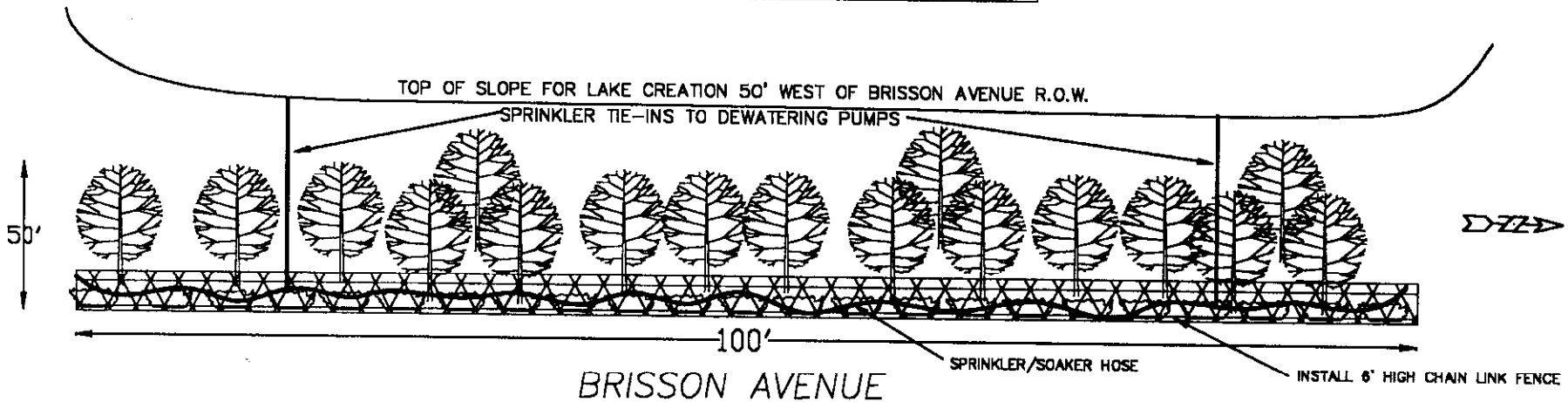
ALL TREES AND SCRUB SPECIES ARE SELECTED FROM
THE APPROVED COUNTY LIST.

LANDSCAPING TO BE IRRIGATED BY TWO MEANS. THE
FIRST MEANS IS AN ON-SITE WATER TRUCK. THE
SECOND MEANS IS A TEMPORARY SPRINKLER/SOAKER
SYSTEM. THIS SYSTEM WILL LIE ON TOP OF THE
GROUND IN THE PLANTED AREAS ADJACENT TO BRISSON
AVENUE. GROUNDWATER WILL BE PUMPED TO THESE
AREAS FROM DEWATERING EFFORTS ONGOING WITH THE
BORROW PIT OPERATIONS. ALL PLANTED AREAS WILL
BE MAINTAINED BY THE LANDFILL OPERATOR.

A SIX FOOT HIGH GALVANIZED CHAIN LINK FENCE TO
BE INSTALLED AT PROPERTY LINE ALONG THE BRISSON
AVENUE RIGHT OF WAY.

TOTAL DISTURBED UPLAND PLANTINGS BRISSON AVENUE	
TREES:	NUMBER
LAURAL OAK	29
LIVE OAK	29
SLASH PINE	29
SHRUBS:	VARIETY OF NATIVE SPECIES PLANTED 10' ON CENTER NUMBER = 138 SHRUBS
GRASSES:	BAHIA SEED & MULCH

TOTAL DISTURBED UPLAND PLANTINGS AROUND WESTERN RESIDENTIAL LOTS	
TREES:	NUMBER
LAURAL OAK	15
LIVE OAK	15
SLASH PINE	15
SHRUBS:	VARIETY OF NATIVE SPECIES PLANTED 10' ON CENTER NUMBER = 150 SHRUBS
GRASSES:	BAHIA SEED & MULCH



PROFILE VIEW- TYPICAL 100' SECTION

PIT #116



RESTORATION AREA

RESTORATION AREA

EXPANSION AREA

EXPANSION LIMITS

RESTORATION AREA

BRISSON AVENUE AREA TO BE FENCED

RUSSELL AERIAL PHOTOGRAPHY

XB INC