

Item # 43

SEMINOLE COUNTY GOVERNMENT
AGENDA MEMORANDUM

SUBJECT: Approval of the Minor Plat for Adams Ridge

DEPARTMENT: Planning & Development DIVISION: Development Review

AUTHORIZED BY: Dan Matthys *(Signature)* CONTACT: Cynthia Sweet *(Signature)* EXT. 7443

Agenda Date	<u>11-15-05</u>	Regular	<input type="checkbox"/>	Consent	<input checked="" 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 and authorize the Chairman to execute the Minor Plat for Adams Ridge – Jim and Debbi Adams, applicant.

District 2 – Morris (Cynthia Sweet, Planner)

BACKGROUND:

The applicant, Jim and Debbi Adams, are requesting approval of the minor plat for Adams Ridge subdivision. The plat consists of three (3) lots containing a total of 37.59 acres with a net buildable of 18.49 acres. The remaining 19.1 acres will be dedicated to Seminole County by this plat as a Conservation Easement. The property is zoned A-5 (Rural Zoning Classification/Rural Subdivision Standards) and is located on the east side of Rest Haven Road, approximately 1,500 feet north of SR 46, in Section 30, Township 20 S, Range 33 E.

The plat meets all applicable requirements of Chapter 35, Seminole County Land Development Code and Section 177, Florida Statutes. The existing roadway is a cold mix pavement and has been waived by the Development Review Manager as authorized under section 35.122 of the Land Development Code for lots that exceeds 5 acres.

STAFF RECOMMENDATION:

Staff recommends approval of the minor plat of Adams Ridge.

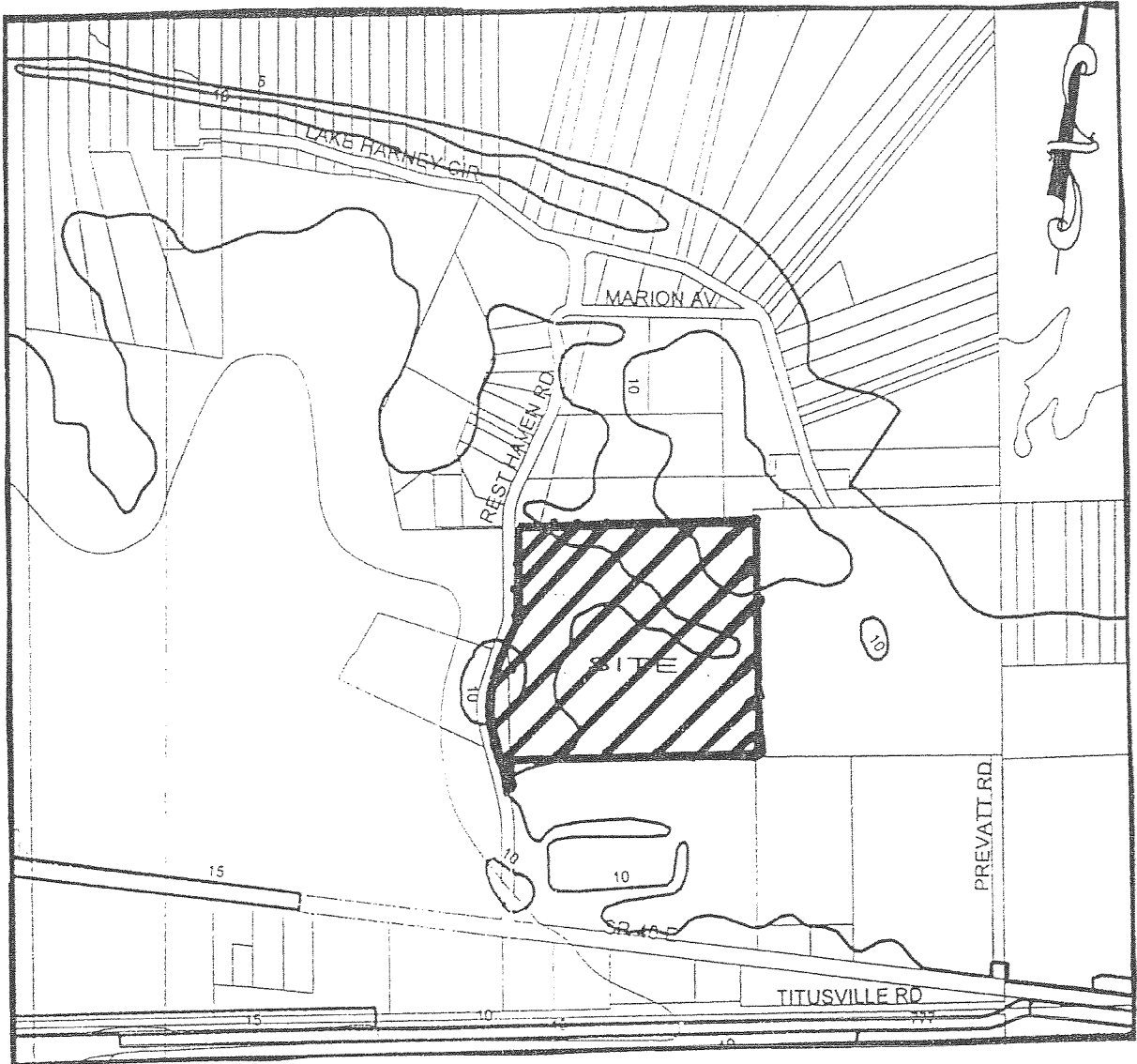
District 2 (Morris)

Attachments:

- Location Map
- Reduced Copy of Plat

Reviewed by:	<i>(Signature)</i>
Co Atty:	<i>(Signature)</i>
DFS:	<i>(Signature)</i>
Other:	<i>(Signature)</i>
DCM:	<i>(Signature)</i>
CM:	<i>(Signature)</i>
File No.	<u>cpdd01</u>

ADAMS RIDGE



LOCATION MAP

ADAMS RIDGE
SEMINOLE COUNTY, FLORIDA
SECTION 30, TOWNSHIP 20 SOUTH, RANGE 33 EAST

SHEET 1 of 3

Legal Description:

THE NW 1/4 OF THE SE 1/4 OF SECTION 30, TOWNSHIP 20 SOUTH, RANGE 33 EAST, LESS AND EXCEPT ROAD RIGHT OF WAY, SEMINOLE COUNTY, FLORIDA. (30-20-33-300-001M-0000)

AND

THAT PART OF THE WEST 1/2 OF SECTION 30, TOWNSHIP 20 SOUTH, RANGE 33 EAST, SEMINOLE COUNTY, FLORIDA, LYING EAST OF REST HAVEN ROAD. (30-20-33-300-001F-0000)

MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF THE SOUTHWEST 1/4 OF SECTION 30, TOWNSHIP 20 SOUTH, RANGE 33 EAST, SEMINOLE COUNTY, FLORIDA RUN S 89°19'36" E, ALONG THE NORTH LINE OF SAID SOUTHWEST 1/4, 2588.86 FEET TO THE EAST RIGHT OF WAY LINE OF REST HAVEN ROAD, SAID POINT BEING A POINT ON A CURVE CONCAVE EASTERLY HAVING A RADIUS OF 600.77 FEET, A CENTRAL ANGLE OF 97°4'15" AND A CHORD BEARING OF S 06°11'48" W; THENCE DEPARTING SAID NORTH LINE, RUN SOUTHERLY ALONG SAID EAST RIGHT OF WAY LINE, 96.86 FEET TO THE POINT OF TANGENCY; THENCE S 01°34'41" W, ALONG SAID EAST RIGHT OF WAY LINE, 3.70 FEET TO THE POINT OF BEGINNING; THENCE DEPARTING SAID EAST RIGHT OF WAY LINE S 89°19'36" E, 1288.23 FEET TO THE EAST LINE OF THE NORTHWEST 1/4 OF THE AFORESAID SECTION 30; THENCE S 02°06'27" W, ALONG SAID EAST LINE, 1223.22 FEET TO THE SOUTH LINE OF SAID NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 30; THENCE DEPARTING SAID EAST LINE N 89°20'18" W, ALONG SAID SOUTH LINE, 1320.00 FEET TO THE WEST LINE OF SAID NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 30; THENCE DEPARTING SAID SOUTH LINE S 02°06'26" W, ALONG SAID WEST LINE, 152.51 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE EASTERLY HAVING A RADIUS OF 303.58 FEET, A CENTRAL ANGLE OF 33°05'37" AND A CHORD BEARING OF N 03°56'35" E; THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE, 175.35 FEET TO THE POINT OF TANGENCY; THENCE N 20°29'23" E, 273.45 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE WESTERLY HAVING A RADIUS OF 633.42 FEET, A CENTRAL ANGLE OF 18°54'42" AND A CHORD BEARING OF N 11°02'02" E; THENCE NORTHEASTERLY ALONG SAID CURVE 209.07 FEET TO THE POINT OF TANGENCY; THENCE N 01°34'41" E, 401.41 FEET TO THE POINT OF BEGINNING.

CONTAINING 37.59 ACRES MORE OR LESS.

Notes:

- Bearings are based on: the East line of the NW 1/4 of the SE 1/4 of Section 30, Township 20 South, Range 33 East, Seminole County, Florida being S 02°06'27" W, assumed.
- In accordance with Chapter 177.091, Board of Professional Land Surveyors Laws & Rules; of platted utility easements shall provide that such easements shall also be easements for the construction, installation, maintenance and operation of cable television services; provided, however, no such construction, installation, maintenance, and operation of cable television services shall interfere with the facilities and services of an electric, telephone, gas or other public utility.
- There is a 10 foot utility easement along the front of all Lots adjacent to Rest Haven Road.
- The sectional breakdown shown herein is per a sectional breakdown prepared by Doudney Surveys Inc. (circa 1989) and the plat of LEPILS FRANK ESTATES, according to the plat thereof, as recorded in Plat Book 61, Page 28 of the Public Records of Seminole County, Florida.
- The State Plane coordinates of the boundary corners are referenced from the following two (2) Seminole County G.I.S. Monuments:

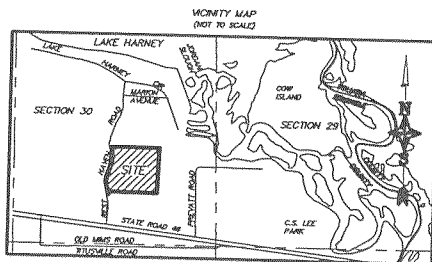
G.P.S. Name /Number: 0157/JANE	G.P.S. Name /Number: 0158/TARZAN
Designation Number : 409590157	Designation Number : 409590158
Datum: NAD 83	Datum: NAD 83
N = 1592653.330	N = 1595318.212
E = 629972.159	E = 629882.063
- The conservation buffer easement depicted herein is based on a line, reviewed and approved by James Carr, DEP reviewer, on November, 2003, and revisited August 2005, as identified by client.
- Areas depicted herein as Conservation Buffer Easement implies an area to be dedicated as a conservation easement in addition to the areas labeled as Conservation Area and is intended to extend the limits of the conservation area to serve as a buffer to the conservation area. Both Conservation Buffer Easements and Conservation Areas are dedicated to Seminole County, Florida.
- The (CAE) Cross Access Easement is for ingress/egress and utility purposes benefiting Lots 2 and 3 only. Lot 1 is subject to a portion of said easement without benefit.
- Based on the National Flood Insurance Program "FIRM" Map Community - Panel Number 120289 0185 E Dated 4/17/1995 the above described Property is located in Zone " AE ". Areas determined to be inside the 500 year flood plain.

NOTICE: This plat, as recorded in its graphic form, is the official depiction of the subdivided lands described herein and will in no circumstances be supplanted in authority by any other graphic or digital form of the plat. There may be additional restrictions that are not recorded on this plat that may be found in the public records of Seminole County, Florida.

Prepared By:



LAND TECH
SURVEYING & MAPPING CORP.
 350 S. Central Ave., Oviedo, FL 32765
 P.O. Box 621892, Oviedo, FL 32762
 Voice (407) 365-1036
 Fax (407) 365-1838
 Certificate of Authorization No. 5777



Index of sheets:

- SHEET 1 - DEDICATION, CERTIFICATIONS, APPROVALS, LEGAL DESCRIPTION & NOTES
- SHEET 2 - GRAPHICAL DEPICTION OF ENTIRE SITE
- SHEET 3 - GEOMETRY OF BUFFER EASEMENT

LEGEND

- - SET IRON ROD AND CAP "LBS777"
- - SET 4"x4" CONCRETE MONUMENT "PRM LBS777"
- C.M. - CONCRETE MONUMENT
- I.R.C. - IRON ROD AND CAP
- I.P. - IRON PIPE
- P.C. - POINT OF CURVATURE
- P.T. - POINT OF TANGENCY
- CAE - CROSS ACCESS EASEMENT
- C.B.E. - CONSERVATION BUFFER EASEMENT
- P.O.C. - POINT OF COMMENCEMENT
- P.O.B. - POINT OF BEGINNING
- ① - STATE PLANE COORDINATE IDENTIFICATION NUMBER

UNLESS NOTED OTHERWISE

COUNTY SURVEYOR'S CERTIFICATE

"I have reviewed this plat and find it to be in conformity with Chapter 177 Florida Statutes."

Steve L. Wessels, PLS
 Florida Registration Number 4589
 County Surveyor for Seminole County, Florida

Date:

PLAT BOOK _____ PAGE _____

ADAMS RIDGE
DEDICATION

This is to certify that the Entitles named below, are the lawful owner in fee simple of the lands herein described in the caption of this Plat and has caused said lands to be surveyed and that this Plat, made in accordance with said survey, is hereby adopted as the true and correct Plat of said lands and hereby dedicates the utility easement, shown hereon, to the perpetual use of the public. The Conservation Buffer Easements and Conservation Areas shown hereon, are hereby dedicated to Seminole County. However, nothing herein shall be construed as creating an obligation upon any governing body to perform any act of construction or maintenance within such dedicated areas except when the obligation is voluntarily assumed by the governing body.

IN WITNESS WHEREOF has caused these presents to be signed by the owner named below on2005.

By: _____ ADDRESS: _____
 Signed and sealed in the presence of:

By: _____ By: _____
 PRINTED NAME: _____ PRINTED NAME: _____
 STATE OF _____ STATE OF _____
 COUNTY OF _____ COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 2005, by _____ who is personally known to me or produced _____ as identification.

NOTARY PUBLIC _____
 COMMISSION NUMBER _____
 MY COMMISSION EXPIRES _____

IN WITNESS WHEREOF has caused these presents to be signed by the owner named below on2005.

By: _____ ADDRESS: _____
 Signed and sealed in the presence of:

By: _____ By: _____
 PRINTED NAME: _____ PRINTED NAME: _____
 STATE OF _____ STATE OF _____
 COUNTY OF _____ COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 2005, by _____ who is personally known to me or produced _____ as identification.

Printed Name: _____
 NOTARY PUBLIC _____
 COMMISSION NUMBER _____
 MY COMMISSION EXPIRES _____

CERTIFICATE OF SURVEYOR

I hereby certify that this plat is a true and correct representation of the lands surveyed, that the survey was made under my responsible direction and supervision, and that the survey data contained herein complies with all of the requirements of Chapter 177 of the Florida Statutes. I further certify that I have complied with the requirements of Chapter 177.091(7) regarding "permanent reference monuments," and that the land is located within Seminole County, Florida.

Dated 10/19/05

Signature: _____
 P.R.(RICK) BURNS LAND-TECH SURVEYING & MAPPING CORP.
 Registration No. 4702 350 S. Central Ave., Oviedo, FL 32765
 Certificate of Authorization No. 5777

CERTIFICATE OF APPROVAL
BY SEMINOLE COUNTY

THIS IS TO CERTIFY, That on..... the..... approved the foregoing plat.

ATTEST: _____ CHAIRMAN OF THE BOARD

.....CLERK OF THE BOARD

BYD.C.

CERTIFICATE OF CLERK OF CIRCUIT COURT

I HEREBY CERTIFY, That I have examined the foregoing plat and find that it complies in form with all the requirements of Chapter 177, Florida Statutes, and was filed for record on at..... File No.

CLERK OF THE COURT _____
 in and for Seminole County, Florida

BY D.C.

ADAMS RIDGE

SEMINOLE COUNTY, FLORIDA

SECTION 30, TOWNSHIP 20 SOUTH, RANGE 33 EAST

SHEET 2 of 3

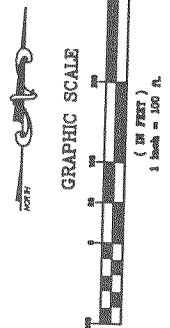
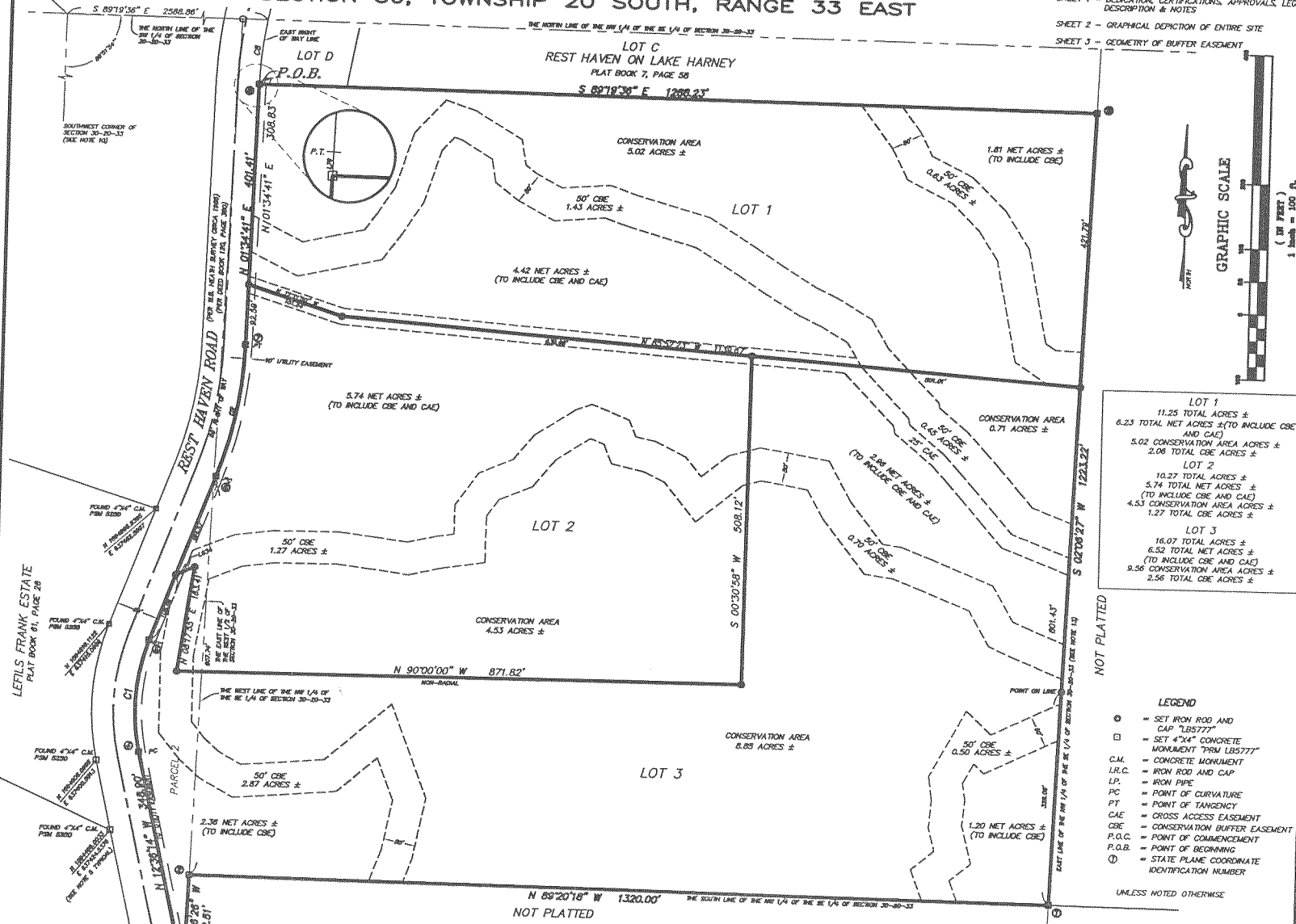
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SHEET 1 - DESCRIPTION, CERTIFICATIONS, APPROVALS, LEGAL DESCRIPTION & NOTES
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SHEET 3 - GEOMETRY OF BUFFER EASEMENT

P.O.C.

NORTHWEST CORNER OF THE SOUTHWEST 1/4 OF SECTION 30-20-33 (SEE NOTE U)

S 89°19'56" E 2588.06'
THE NORTH LINE OF THE NW 1/4 OF SECTION 30-20-33

SOUTHWEST CORNER OF SECTION 30-20-33 (SEE NOTE H)



LOT 1	11.25 TOTAL ACRES ±
	8.23 TOTAL NET ACRES ± (TO INCLUDE CBE AND CAE)
	5.02 CONSERVATION AREA ACRES ±
	2.08 TOTAL CBE ACRES ±
LOT 2	10.27 TOTAL ACRES ±
	5.74 TOTAL NET ACRES ± (TO INCLUDE CBE AND CAE)
	4.53 CONSERVATION AREA ACRES ±
	1.27 TOTAL CBE ACRES ±
LOT 3	16.07 TOTAL ACRES ±
	6.52 TOTAL NET ACRES ± (TO INCLUDE CBE AND CAE)
	9.56 CONSERVATION AREA ACRES ±
	2.56 TOTAL CBE ACRES ±

- LEGEND**
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LELIS FRANK ESTATE
PLAT BOOK 61, PAGE 28

ROUND 4"x4" C.A. P.M. 5220
N 89°19'56" E 2588.06'
N 89°19'56" E 2588.06'

LINE TABLE

LINE	BEARING	LENGTH
L76	S 01°34'41" W	3.70
L624	S 68°02'16" W	31.29

CURVE TABLE

CURVE	RADIUS	DELTA	LENGTH	CHORD	BEARING
C1	303.58	33°09'37"	175.35	172.82	N 03°56'35" E
C2	633.42	16°34'42"	208.07	208.13	N 11°02'02" E
C8	600.77	87°47'02"	36.86	36.75	S 00°11'54" W

STATE PLANE COORDINATES FOR PROPERTY CORNERS (NAD83)
SEE NOTE A, HEREIN

#	NORTHING	EASTING
1	1594417.1698	638866.8545
2	1594432.4117	637548.7421
3	1594280.0070	637541.1342
4	159420.5006	637465.0008
5	1594783.0098	637476.8911
6	1595049.1598	637572.8094
7	1595253.4381	637612.4425
8	1595454.6919	637823.4869
9	1595639.5593	638911.6303

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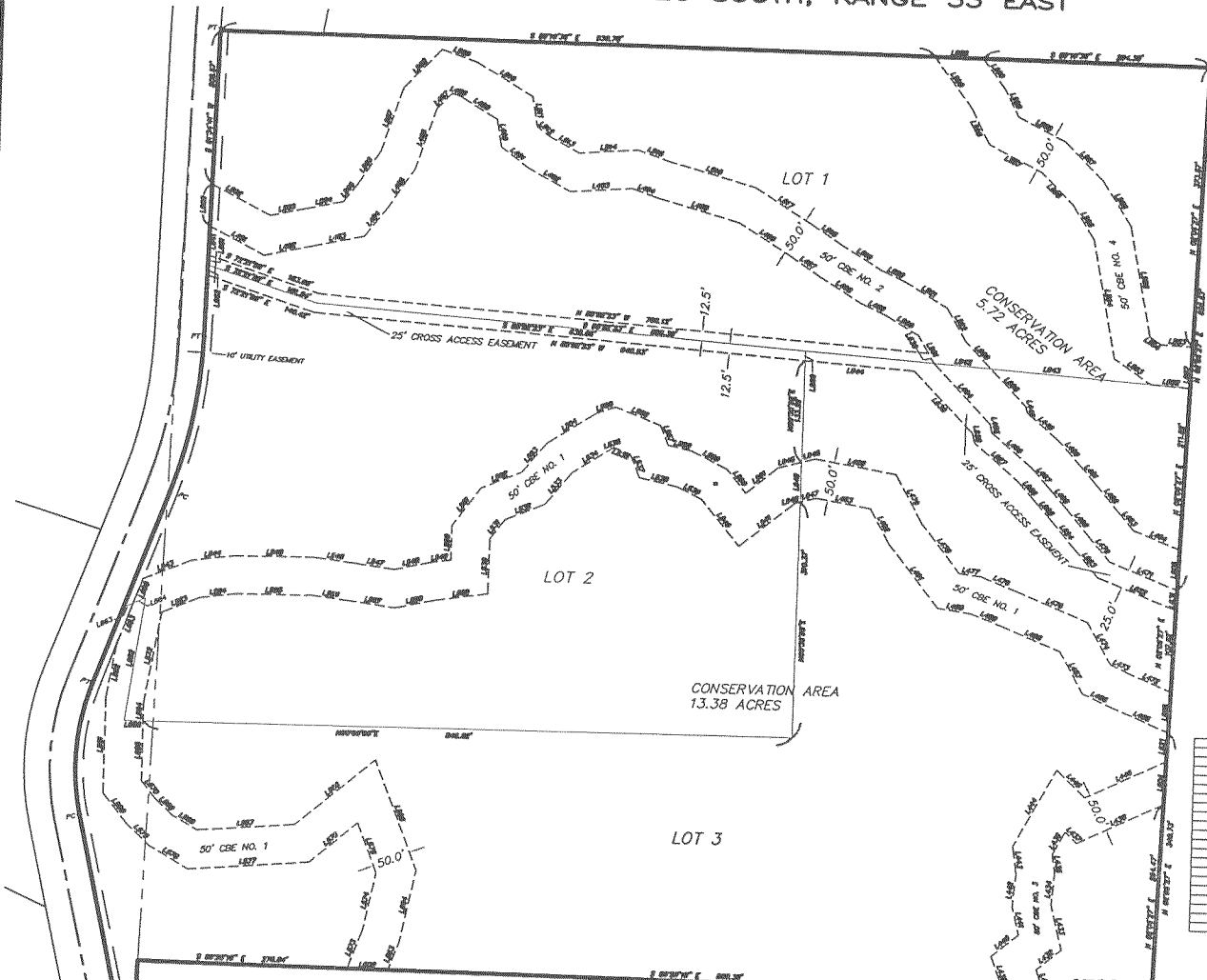
AND TICE

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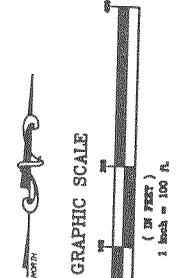
ADAMS RIDGE
SEMINOLE COUNTY, FLORIDA
SECTION 30, TOWNSHIP 20 SOUTH, RANGE 33 EAST

SHEET 3 of 3

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NO.	AREA
1	2.87 ACRES±
2	1.85 ACRES±
3	0.50 ACRES±
4	0.63 ACRES±

LINE	BEARING	LENGTH	LINE	BEARING	LENGTH
L421	S 80°20'22" E	108.44	L443	N 82°26'22" W	208.70
L422	S 80°24'22" E	86.80	L444	N 82°26'22" W	142.93
L423	S 80°28'22" E	65.49	L445	N 82°26'22" W	125.90
L424	S 80°32'22" E	44.18	L446	N 82°26'22" W	108.87
L425	S 80°36'22" E	22.87	L447	N 82°26'22" W	91.84
L426	S 80°40'22" E	1.56	L448	N 82°26'22" W	74.81
L427	S 80°44'22" E	0.25	L449	N 82°26'22" W	57.78
L428	S 80°48'22" E	0.00	L450	N 82°26'22" W	40.75
L429	S 80°52'22" E	0.00	L451	N 82°26'22" W	23.72
L430	S 80°56'22" E	0.00	L452	N 82°26'22" W	6.69
L431	S 80°56'22" E	0.00	L453	N 82°26'22" W	0.00
L432	S 80°56'22" E	0.00	L454	N 82°26'22" W	0.00
L433	S 80°56'22" E	0.00	L455	N 82°26'22" W	0.00
L434	S 80°56'22" E	0.00	L456	N 82°26'22" W	0.00
L435	S 80°56'22" E	0.00	L457	N 82°26'22" W	0.00
L436	S 80°56'22" E	0.00	L458	N 82°26'22" W	0.00
L437	S 80°56'22" E	0.00	L459	N 82°26'22" W	0.00
L438	S 80°56'22" E	0.00	L460	N 82°26'22" W	0.00
L439	S 80°56'22" E	0.00	L461	N 82°26'22" W	0.00
L440	S 80°56'22" E	0.00	L462	N 82°26'22" W	0.00
L441	S 80°56'22" E	0.00	L463	N 82°26'22" W	0.00
L442	S 80°56'22" E	0.00	L464	N 82°26'22" W	0.00

LINE	BEARING	LENGTH	LINE	BEARING	LENGTH	LINE	BEARING	LENGTH	LINE	BEARING	LENGTH	LINE	BEARING	LENGTH
L431	N 80°00'00" E	307.11	L451	N 80°00'00" E	45.41	L471	S 80°26'22" E	81.80	L491	N 80°26'22" E	81.80	L511	N 80°26'22" E	81.80
L432	N 80°02'14" E	41.39	L452	N 80°02'14" E	71.43	L472	S 80°28'22" E	61.49	L492	N 80°28'22" E	61.49	L512	N 80°28'22" E	61.49
L433	N 80°04'28" E	81.64	L453	N 80°04'28" E	111.68	L473	S 80°30'22" E	41.14	L493	N 80°30'22" E	41.14	L513	N 80°30'22" E	41.14
L434	N 80°06'42" E	121.89	L454	N 80°06'42" E	151.93	L474	S 80°32'22" E	20.79	L494	N 80°32'22" E	20.79	L514	N 80°32'22" E	20.79
L435	N 80°08'56" E	162.14	L455	N 80°08'56" E	192.17	L475	S 80°34'22" E	10.44	L495	N 80°34'22" E	10.44	L515	N 80°34'22" E	10.44
L436	N 80°11'10" E	202.39	L456	N 80°11'10" E	232.43	L476	S 80°36'22" E	0.09	L496	N 80°36'22" E	0.09	L516	N 80°36'22" E	0.09
L437	N 80°13'24" E	242.64	L457	N 80°13'24" E	272.68	L477	S 80°38'22" E	0.00	L497	N 80°38'22" E	0.00	L517	N 80°38'22" E	0.00
L438	N 80°15'38" E	282.89	L458	N 80°15'38" E	312.93	L478	S 80°40'22" E	0.00	L498	N 80°40'22" E	0.00	L518	N 80°40'22" E	0.00
L439	N 80°17'52" E	323.14	L459	N 80°17'52" E	353.18	L479	S 80°42'22" E	0.00	L499	N 80°42'22" E	0.00	L519	N 80°42'22" E	0.00
L440	N 80°20'06" E	363.39	L460	N 80°20'06" E	393.43	L480	S 80°44'22" E	0.00	L500	N 80°44'22" E	0.00	L520	N 80°44'22" E	0.00
L441	N 80°22'20" E	403.64	L461	N 80°22'20" E	433.68	L481	S 80°46'22" E	0.00	L501	N 80°46'22" E	0.00	L521	N 80°46'22" E	0.00
L442	N 80°24'34" E	443.89	L462	N 80°24'34" E	473.93	L482	S 80°48'22" E	0.00	L502	N 80°48'22" E	0.00	L522	N 80°48'22" E	0.00
L443	N 80°26'48" E	484.14	L463	N 80°26'48" E	514.18	L483	S 80°50'22" E	0.00	L503	N 80°50'22" E	0.00	L523	N 80°50'22" E	0.00
L444	N 80°29'02" E	524.39	L464	N 80°29'02" E	554.43	L484	S 80°52'22" E	0.00	L504	N 80°52'22" E	0.00	L524	N 80°52'22" E	0.00
L445	N 80°31'16" E	564.64	L465	N 80°31'16" E	594.68	L485	S 80°54'22" E	0.00	L505	N 80°54'22" E	0.00	L525	N 80°54'22" E	0.00
L446	N 80°33'30" E	604.89	L466	N 80°33'30" E	634.93	L486	S 80°56'22" E	0.00	L506	N 80°56'22" E	0.00	L526	N 80°56'22" E	0.00
L447	N 80°35'44" E	645.14	L467	N 80°35'44" E	675.18	L487	S 80°58'22" E	0.00	L507	N 80°58'22" E	0.00	L527	N 80°58'22" E	0.00
L448	N 80°37'58" E	685.39	L468	N 80°37'58" E	715.43	L488	S 81°00'22" E	0.00	L508	N 81°00'22" E	0.00	L528	N 81°00'22" E	0.00
L449	N 80°40'12" E	725.64	L469	N 80°40'12" E	755.68	L489	S 81°02'22" E	0.00	L509	N 81°02'22" E	0.00	L529	N 81°02'22" E	0.00
L450	N 80°42'26" E	765.89	L470	N 80°42'26" E	795.93	L490	S 81°04'22" E	0.00	L510	N 81°04'22" E	0.00	L530	N 81°04'22" E	0.00
L451	N 80°44'40" E	806.14	L471	N 80°44'40" E	836.18	L491	S 81°06'22" E	0.00	L511	N 81°06'22" E	0.00	L531	N 81°06'22" E	0.00
L452	N 80°46'54" E	846.39	L472	N 80°46'54" E	876.43	L492	S 81°08'22" E	0.00	L512	N 81°08'22" E	0.00	L532	N 81°08'22" E	0.00
L453	N 80°49'08" E	886.64	L473	N 80°49'08" E	916.68	L493	S 81°10'22" E	0.00	L513	N 81°10'22" E	0.00	L533	N 81°10'22" E	0.00
L454	N 80°51'22" E	926.89	L474	N 80°51'22" E	956.93	L494	S 81°12'22" E	0.00	L514	N 81°12'22" E	0.00	L534	N 81°12'22" E	0.00
L455	N 80°53'36" E	967.14	L475	N 80°53'36" E	997.18	L495	S 81°14'22" E	0.00	L515	N 81°14'22" E	0.00	L535	N 81°14'22" E	0.00
L456	N 80°55'50" E	1007.39	L476	N 80°55'50" E	1037.43	L496	S 81°16'22" E	0.00	L516	N 81°16'22" E	0.00	L536	N 81°16'22" E	0.00
L457	N 80°58'04" E	1047.64	L477	N 80°58'04" E	1077.68	L497	S 81°18'22" E	0.00	L517	N 81°18'22" E	0.00	L537	N 81°18'22" E	0.00
L458	N 80°59'58" E	1087.89	L478	N 80°59'58" E	1117.93	L498	S 81°20'22" E	0.00	L518	N 81°20'22" E	0.00	L538	N 81°20'22" E	0.00
L459	N 81°01'52" E	1128.14	L479	N 81°01'52" E	1158.18	L499	S 81°22'22" E	0.00	L519	N 81°22'22" E	0.00	L539	N 81°22'22" E	0.00
L460	N 81°03'46" E	1168.39	L480	N 81°03'46" E	1198.43	L500	S 81°24'22" E	0.00	L520	N 81°24'22" E	0.00	L540	N 81°24'22" E	0.00
L461	N 81°05'40" E	1208.64	L481	N 81°05'40" E	1238.68	L501	S 81°26'22" E	0.00	L521	N 81°26'22" E	0.00	L541	N 81°26'22" E	0.00
L462	N 81°07'34" E	1248.89	L482	N 81°07'34" E	1278.93	L502	S 81°28'22" E	0.00	L522	N 81°28'22" E	0.00	L542	N 81°28'22" E	0.00
L463	N 81°09'28" E	1289.14	L483	N 81°09'28" E	1319.18	L503	S 81°30'22" E	0.00	L523	N 81°30'22" E	0.00	L543	N 81°30'22" E	0.00
L464	N 81°11'22" E	1329.39	L484	N 81°11'22" E	1359.43	L504	S 81°32'22" E	0.00	L524	N 81°32'22" E	0.00	L544	N 81°32'22" E	0.00
L465	N 81°13'16" E	1369.64	L485	N 81°13'16" E	1399.68	L505	S 81°34'22" E	0.00	L525	N 81°34'22" E	0.00	L545	N 81°34'22" E	0.00
L466	N 81°15'10" E	1409.89	L486	N 81°15'10" E	1439.93	L506	S 81°36'22" E	0.00	L526	N 81°36'22" E	0.00	L546	N 81°36'22" E	0.00
L467	N 81°17'04" E	1450.14	L487	N 81°17'04" E	1480.18	L507	S 81°38'22" E	0.00	L527	N 81°38'22" E	0.00	L547	N 81°38'22" E	0.00
L468	N 81°18'58" E	1490.39	L488	N 81°18'58" E	1520.43	L508	S 81°40'22" E	0.00	L528	N 81°40'22" E	0.00	L548	N 81°40'22" E	0.00
L469	N 81°20'52" E	1530.64	L489	N 81°20'52" E	1560.68	L509	S 81°42'22" E	0.00	L529	N 81°42'22" E	0.00	L549	N 81°42'22" E	0.00
L470	N 81°22'46" E	1570.89	L490	N 81°22'46" E	1600.93	L510	S 81°44'22" E	0.00	L530	N 81°44'22" E	0.00	L550	N 81°44'22" E	0.00
L471	N 81°24'40" E	1611.14	L491	N 81°24'40" E	1641.18	L511	S 81°46'22" E	0.00	L531	N 81°46'22" E	0.00	L551	N 81°46'22" E	0.00
L472	N 81°26'34" E	1651.39	L492	N 81°26'34" E	1681.43	L512	S 81°48'22" E	0.00	L532	N 81°48'22" E	0.00	L552	N 81°48'22" E	0.00
L473	N 81°28'28" E	1691.64	L493	N 81°28'28" E	1721.68	L513	S 81°50'22" E	0.00	L533	N 81°50'22" E	0.00	L553	N 81°50'22" E	0.00
L474	N 81°30'22" E	1731.89	L494	N 81°30'22" E	1761.93	L514	S 81°52'22" E	0.00	L534	N 81°52'22" E	0.00	L554	N 81°52'22" E	0.00
L475	N 81°32'16" E	1772.14	L495	N 81°32'16" E	1802.18	L515	S 81°54'22" E	0.00	L535	N 81°54'22" E	0.00	L555	N 81°54'22" E	0.00
L476	N 81°34'10" E	1812.39	L496	N 81°34'10" E	1842.43	L516	S 81°56'22" E	0.00	L536	N 81°56'22" E	0.00	L556	N 81°56'22" E	0.00
L477	N 81°36'04" E	1852.64	L497	N 81°36'04" E	1882.68	L517	S 81°58'22" E	0.00	L537	N 81°58'22" E	0.00	L557	N 81°58'22" E	0.00
L478	N 81°37'58" E	1892.89	L498	N 81°37'58" E	1922.93	L518	S 82°00'22" E	0.00	L538	N 82°00'22" E	0.00	L558	N 82°00'22" E	0.00
L479	N 81°39'52" E	1933.14	L499	N 81°39'52" E	1963.18	L519	S 82°02'22" E	0.00	L539	N 82°02'22" E	0.00	L559	N 82°02'22" E	