August 2005

SITE PLANS
FOR

Ravinia

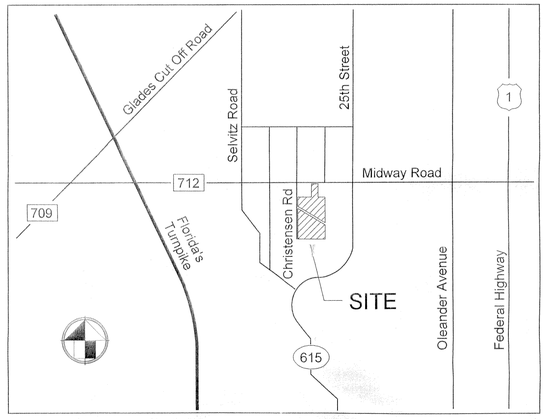
St. Lucie County, Florida

LEGAL DESCRIPTION

THE EAST 312.5 FEET OF LOT 98 OF SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, WHITE CITY SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE(S) 23, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA EXCEPTING ROAD RIGHTS-OF-WAY

AND

LOTS 108, 109, 110, 111, 120 AND 121, IN SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, WHITE CITY SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE(S) 23, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, EXCEPTING HOWEVER THE ABOVE DESCRIBED LAND ALL RIGHTS-OF-WAY FOR PUBLIC ROADS AND DRAINAGE CANALS.



LOCATION MAP
S 5, T 36S R 40E

INDEX OF SHEETS

SHEET DESCRIPTION	SHEET NO.
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PRELIMINARY ENGINEERING PLANS	1 - 5
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PRELIMINARY ARCHITECTURAL ELEVATIONS	

DEVELOPMENT TEAM

OWNER:
Homes at Ravinia, LLC
825 Coral Ridge Drive
Coral Springs, FL 33071
(954) 344-8040

ARCHITECT:
Edward Silva Architects
8900 SW 117th Ave., Suite B107
Miami, Florida 33186
(305 275-8417

SURVEYOR:
Laventure and Associates, Inc.
1898 Port St. Lucie Boulevard
Port St. Lucie, FL 34952
(772) 398-6430

AGENT:
Julian Bryan and Associates
P. O. Box 810144
Boca Raton, Florida 33481
(561) 391-7871

ENGINEER:
Schnars Engineering Corporation
951 Broken Sound Parkway
Suite 320
Boca Raton, FL 33487
(561) 241-6455

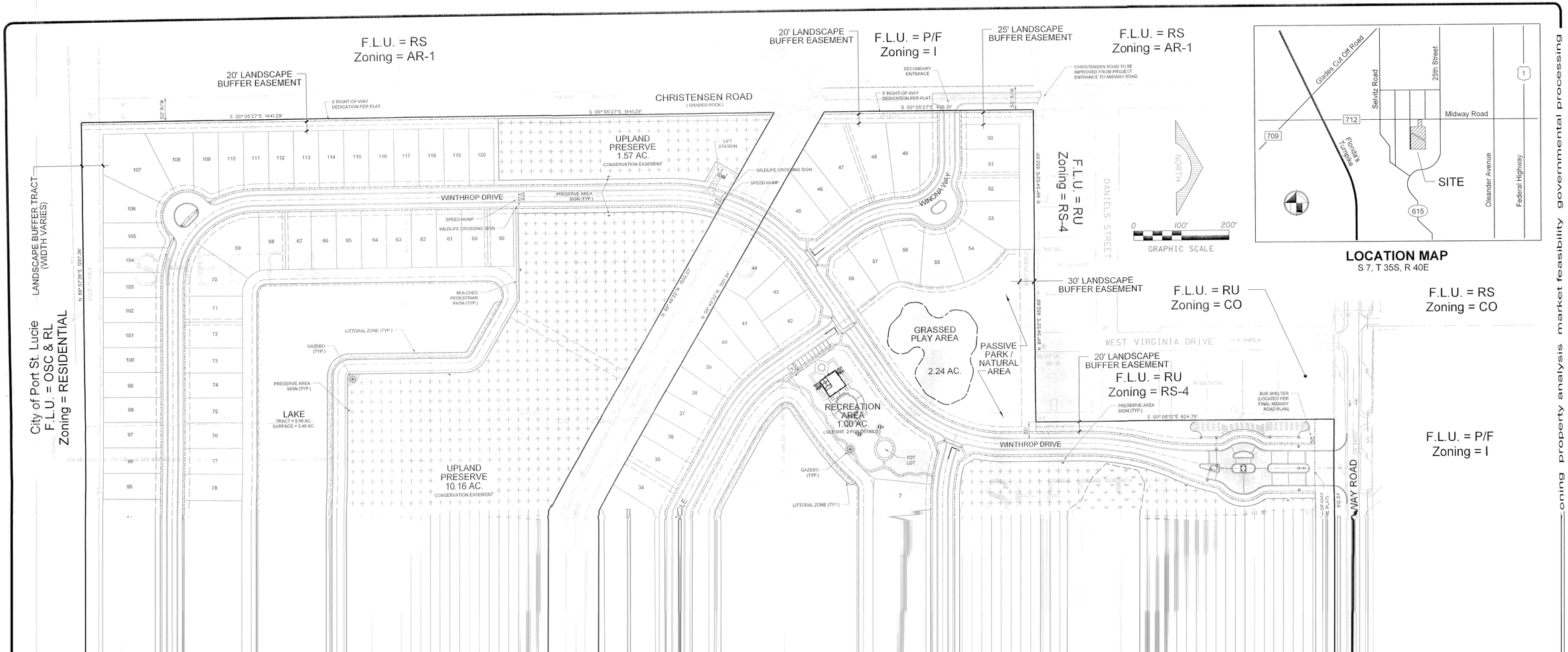
LANDSCAPE ARCHITECT:
Michael T. Schale
Landscape Architect and Associates, P.A.
4800 N Federal Highway
Suite 105B
Boca Raton, FL 33431
(561) 417-5470

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Jeannie Hutchinson
Chairman

JBA Julian Bryan & Associates urban design site planning rezoning property analysis market feasibility governmental processing

FILE: q:/projects/2004/04134/preliminary/04134_sp_cover.dgn DATE: Jul. 12, 2005

Received By
SEP 23 2005
Growth Management

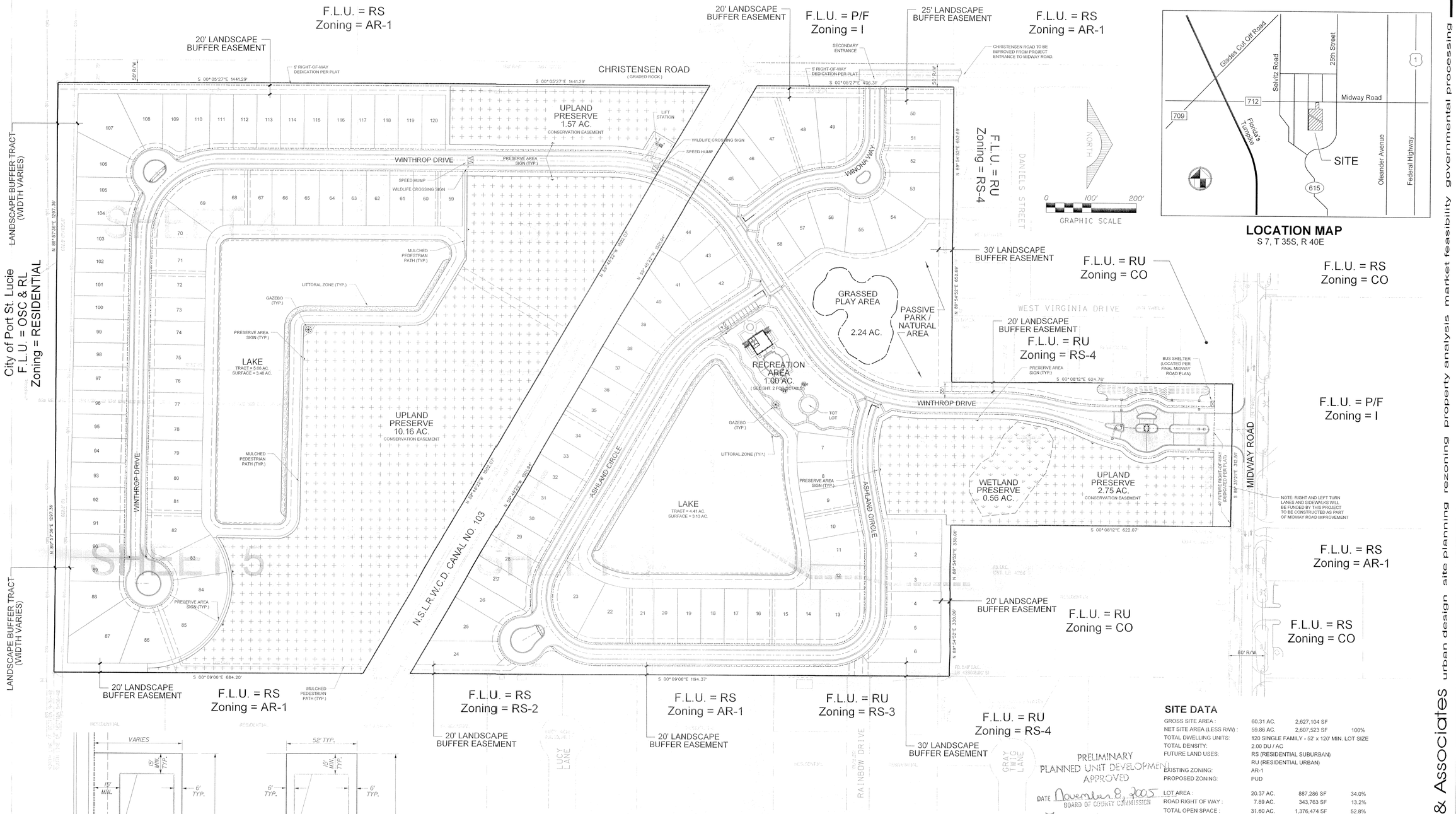


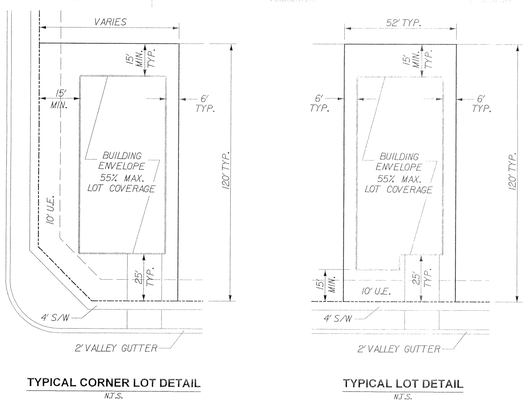
REVISIONS	BY
1/17/05 PER COUNTY	RAD
2/25/05 PER COUNTY	RAD
6/16/05 PER COUNTY	RAD
9/28/05 PER COUNTY	RAD

HOMES AT RAVINIA, LLC

A N

zoning property analysis market feasibility governmental processing





LEGAL DESCRIPTION

THE EAST 312.5 FEET OF LOT 98 OF SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, WHITE CITY SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE(S) 23, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA EXCEPTING ROAD RIGHTS-OF-WAY

AND

LOTS 108, 109, 110, 111, 120 AND 121, IN SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, WHITE CITY SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE(S) 23, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, EXCEPTING HOWEVER THE ABOVE DESCRIBED LAND ALL RIGHTS-OF-WAY FOR PUBLIC ROADS AND DRAINAGE CANALS.

GENERAL NOTES

- ALL INTERNAL STREETS SHALL BE PRIVATE & MAINTAINED BY H.O.A.
- ALL EXISTING NATIVE VEGETATION SHALL BE MAINTAINED IN ALL BUFFER AREAS AND LOCATIONS NOT IN CONFLICT WITH PROPOSED BUILDING OR PARKING AREAS.
- ALL PROPOSED UTILITIES SHALL BE PLACED UNDERGROUND.
- ALL 20' LAKE MAINTENANCE EASEMENTS SHALL BE MAINTAINED BY H.O.A.
- GROUNDWATER IS TO BE USED AS IRRIGATION SOURCE.

TREE PRESERVATION DATA

TOTAL NET SITE AREA =	59.86 AC.
NATURAL UPLAND AREA =	57.54 AC.
MINIMUM 25% OF UPLAND =	14.38 AC.
TREE PRESERVATION PROVIDED =	14.48 AC.

SITE COVERAGES

BUILDINGS :	7.73 AC.	336,616 SF	12.8%
PAVEMENT :	4.37 AC.	190,220 SF	7.8%
SIDEWALKS :	1.07 AC.	46,864 SF	1.8%
DRIVEWAYS :	1.64 AC.	71,280 SF	2.7%
LAKE SURFACE :	6.61 AC.	287,932 SF	11.0%

PRELIMINARY PLANNED UNIT DEVELOPMENT APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Jeannie Hutchinson
Chairman

SITE DATA

GROSS SITE AREA :	60.31 AC.	2,627,104 SF	
NET SITE AREA (LESS R/W) :	59.86 AC.	2,607,523 SF	100%
TOTAL DWELLING UNITS:	120 SINGLE FAMILY - 52' x 120' MIN. LOT SIZE		
TOTAL DENSITY:	2.00 DU / AC		
FUTURE LAND USES:	RS (RESIDENTIAL SUBURBAN)		
	RU (RESIDENTIAL URBAN)		
EXISTING ZONING:	AR-1		
PROPOSED ZONING:	PUD		
LOT AREA :	20.37 AC.	887,286 SF	34.0%
ROAD RIGHT OF WAY :	7.89 AC.	343,763 SF	13.2%
TOTAL OPEN SPACE :	31.60 AC.	1,376,474 SF	52.8%
TOTAL NET SITE :	59.86 AC.	2,607,523 SF	100%
OPEN SPACE BREAKDOWN :			
UPLAND PRESERVES :	14.48 AC.	630,749 SF	24.2%
WETLAND PRESERVE :	0.56 AC.	24,484 SF	0.9%
LAKE TRACTS :	9.47 AC.	412,513 SF	15.8%
RECREATION AREAS :	3.24 AC.	141,134 SF	5.4%
BUFFER TRACTS :	3.85 AC.	167,594 SF	6.5%
TOTAL :	31.60 AC.	1,376,474 SF	52.8%
TOTAL PERVIOUS :	37.57 AC.	1,636,698 SF	63.0%
TOTAL IMPERVIOUS :	22.29 AC.	970,825 SF	37.0%
RECREATION AREA :			
CABANA BUILDING :	1,625 SF		
POOL :	1,618 SF		

REVISIONS	BY
1/17/05 PER COUNTY	RAD
2/25/05 PER COUNTY	RAD
6/16/05 PER COUNTY	RAD
9/28/05 PER COUNTY	RAD

RAVINIA
SITE PLAN

HOMES AT RAVINIA, LLC

ST. LUCIE COUNTY, FLORIDA

planning rezoning property analysis market feasibility governmental processing

JBA Julian Bryan & Associates urban design site planning

DRAWN	RAD
CHECKED	JBA
DATE	09-01-04
SCALE	1"=100'
JOB NO.	04134
SHEET	

1 OF 6

FILE: q:/projects/2004/04134/preliminary/04134_spl.dgn DATE: Jul. 12, 2005

NORTH

0 40' 80'

GRAPHIC SCALE

MATCH LINE SEE SHEET 3

10' BUFFER

GRASSED PLAY AREA
0.59 AC.

PASSIVE PARK / NATURAL AREA
1.65 AC.

30' LANDSCAPE BUFFER EASEMENT

N 89° 54'52"E 652.69'

10' U.E.

1' CURB (TYP.)

2' OVERHANG (TYP.)

6' CONC. SIDEWALK (TYP.)

CABANA

POOL

BBQ

RECREATION AREA
1.00 AC.

GAZEBO

TOT-LOT

20.00' L.M.E.

LITTORAL ZONE

LAKE
TRACT = 4.41 AC.
SURFACE = 3.13 AC.

7

8

9

10

11

12

30.00'

120' (TYP.)

ASHLAND CIRCLE

20' PAVEMENT (TYP.)

2' CONC. VALLEY GUTTER (TYP.)

25' CORNER CORD (TYP.)

4' CONC. SIDEWALK (TYP.)

R 25'

MATCH LINE SEE SHEET 6

KEY MAP

2

WEST VIRGINIA DRIVE

S 00° 08'12"E 624.78'

OPEN SPACE

WINTHROP DRIVE

PRESERVE AREA SIGN (TYP.)

WETLAND PRESERVE
0.56 AC.

UPLAND PRESERVE
2.75 AC.
CONSERVATION EASEMENT

10' BUFFER

1

2

3

52' (TYP.)

120' (TYP.)

20' LANDSCAPE BUFFER TRACT

N 89° 54'52"E 330.06'

S 00° 08'12"E 622.07'

BUS SHELTER

PROPOSED SIGNAGE

2' CONC. HEADER CURB (TYP.)

BRICK PAVERS (TYP.)

TYPE 'F' CURB & GUTTER (TYP.)

40' RIGHT-OF-WAY DEDICATED PER PLAT

MIDWAY ROAD

S 89° 35'21"E 312.51'

80' R/W

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED

DATE November 8, 2005
BOARD OF COUNTY COMMISSION

Jeannie Hutchinson
Chairman

FILE:q:/projects/2004/04134/preliminary/04134_sp02.dgn DATE:Jun. 17, 2005

REVISIONS	BY
1/17/05 PER COUNTY	RAD
2/25/05 PER COUNTY	RAD
6/16/05 PER COUNTY	RAD

HOMES AT RAVINIA, LLC

RAVINIA
SITE PLAN

ST. LUCIE COUNTY, FLORIDA

JBA Julian Bryan & Associates urban design site planning rezoning property analysis market feasibility governmental processing

DRAWN	RAD
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DATE	09-01-04
SCALE	1"=40'
JOB NO.	04134
SHEET	

CHRISTENSEN ROAD

50' R/W

5' RIGHT-OF-WAY DEDICATION PER PLAT

S 00° 05'27"E 1441.29'

MATCH LINE SEE SHEET 4

10' U.E.

20' LANDSCAPE BUFFER TRACT

118 | 119 | 120

125' (TYP.)

10' BUFFER

UPLAND PRESERVE
1.57 AC.

LIFT STATION

90.00' CANAL EASEMENT

PRESERVE AREA SIGN (TYP.)

4' CONC. SIDEWALK (TYP.)

SPEED HUMP

WILDLIFE CROSSING SIGN

20' PAVEMENT (TYP.)

WINTHROP DRIVE

2' CONC. VALLEY GUTTER (TYP.)

50' R/W

61 | 60 | 59

52' (TYP.)

120' (TYP.)

40' BUFFER

20.00' L.M.E.

30.00'

LITTORAL ZONE

LAKE
TRACT = 5.06 AC.
SURFACE = 3.48 AC.

MULCHED PEDESTRIAN PATH (TYP.)

UPLAND PRESERVE
10.16 AC.

N.S.L.R.W.C.D. CANAL NO. 103

N 59° 46'22"W 1502.07'

N 59° 46'22"W 1501.94'

44 | 43 | 42 | 41 | 40 | 39 | 38 | 37

MATCH LINE SEE SHEET 6

ASHLAND CIRCLE

RECREATION AREA
1.00 AC.

LAKE
TRACT = 4.41 AC.
SURFACE = 3.13 AC.

S 00° 05'27"E 436.31'

30' LANDSCAPE BUFFER TRACT

25' LANDSCAPE BUFFER TRACT

47 | 48 | 49 | 50 | 51 | 52 | 53 | 46 | 45 | 58 | 57 | 56 | 55 | 54

WINONA WAY

R 30' | R 45' | R 24' | R 55' | R 25'

MATCH LINE SEE SHEET 2

PASSIVE PARK
2.24 AC.

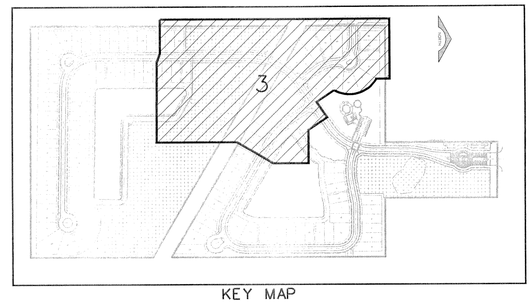
N 89° 54'52"E 652.69'

NORTH

0 40' 80'

GRAPHIC SCALE

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Jeanne Hutchinson
Chairman



KEY MAP

REVISIONS	BY
1/17/05 PER COUNTY	RAD
2/25/05 PER COUNTY	RAD
6/16/05 PER COUNTY	RAD

HOMES AT RAVINIA, LLC

RAVINIA
SITE PLAN

ST. LUCIE COUNTY, FLORIDA

JBA Julian Bryan & Associates urban design site planning rezoning property analysis market feasibility governmental processing

DRAWN	RAD
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DATE	09-01-04
SCALE	1"=40'
JOB NO.	04134
SHEET	3 OF 6

FILE: q:/projects/2004/04134/preliminary/04134_sp03.dgn DATE: Jun. 17, 2005

CHRISTENSEN ROAD

S 00° 05'27"E 1441.29'

5' RIGHT-OF-WAY DEDICATION PER PLAT

50' R/W

10' U.E.

20' LANDSCAPE BUFFER TRACT

45.00'

20.00'

EXISTING DITCH (TO REMAIN)

N 89° 57'36"E 1297.36'

LANDSCAPE BUFFER TRACT (WIDTH VARIES)

107 108 109 110 111 112 113 114 115 116 117

120' (TYP.)

52' (TYP.)

4' CONC. SIDEWALK (TYP.)

20' PAVEMENT (TYP.)

2' CONC. VALLEY GUTTER (TYP.)

106 105 104 103 102 101 100 99 98 97

R 50'

R 18'

R 25'

69 68 67 66 65 64 63 61

12' D.E.

WINTHROP DRIVE

70 71 72 73 74 75 76

20.00' L.M.E.

30.00'

39.14'

50' R/W

MATCH LINE SEE SHEET 3

MATCH LINE SEE SHEET 5

LAKE
TRACT = 5.06 AC.
SURFACE = 3.48 AC.

LITTORAL ZONE

MULCHED PEDESTRIAN PATH (TYP.)

GAZEBO

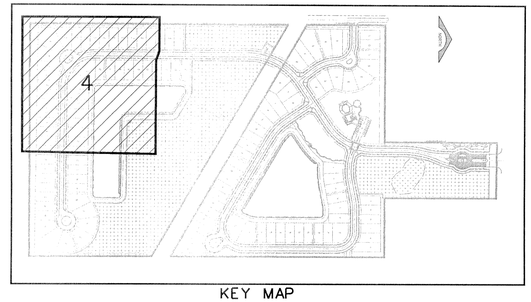
PRESERVE AREA SIGN

UPLAND PRESERVE
10.16 AC.

NORTH

0 40' 80'

GRAPHIC SCALE



KEY MAP

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Tommie Hutchinson
Chairman

REVISIONS	BY
1/17/05 PER COUNTY	RAD
2/25/05 PER COUNTY	RAD
6/10/05 PER COUNTY	RAD

HOMES AT RAVINIA, LLC

RAVINIA
SITE PLAN

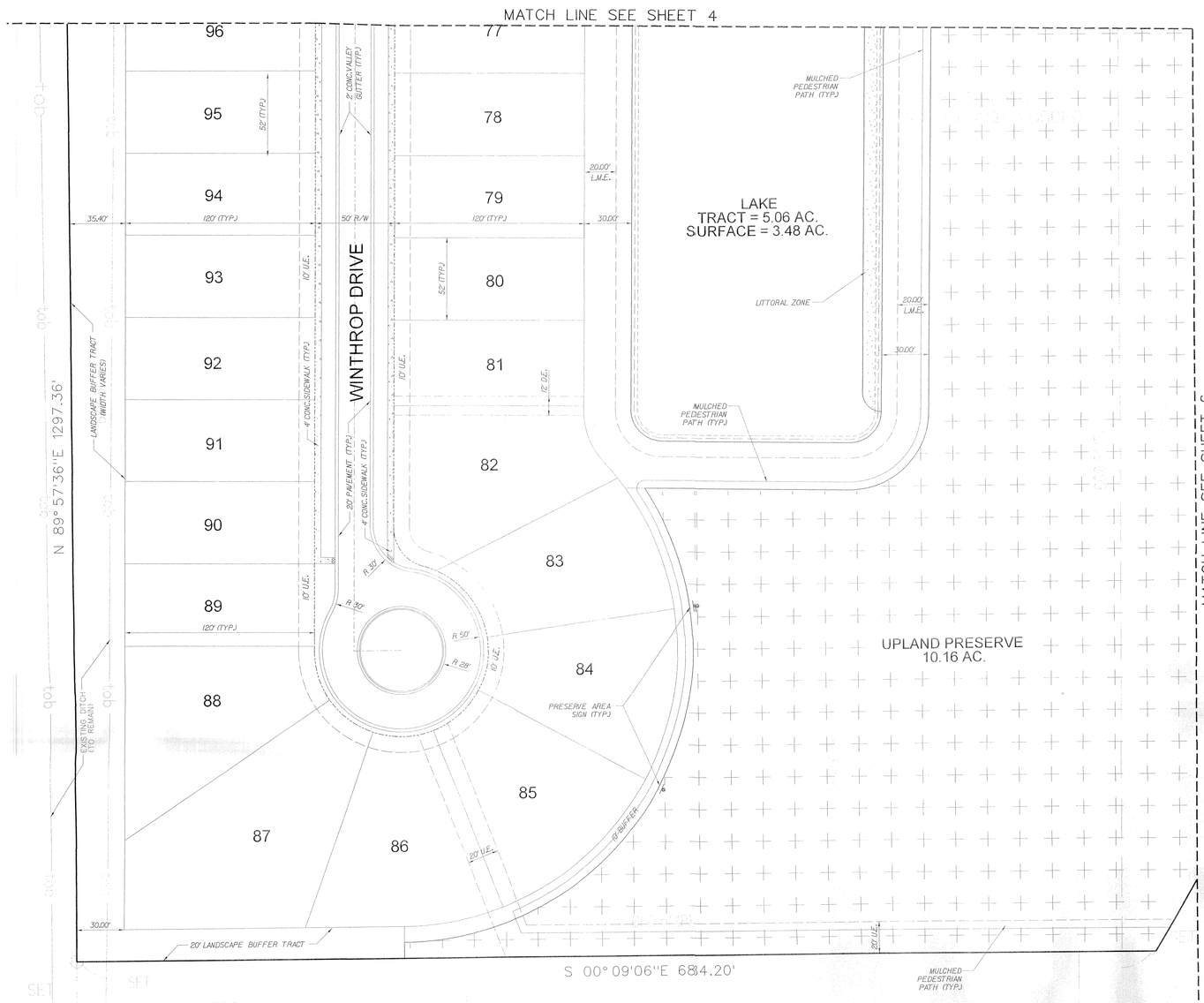
ST. LUCIE COUNTY, FLORIDA

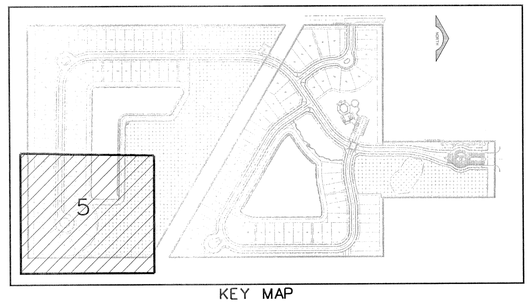
urban design site planning rezoning property analysis market feasibility governmental processing

JBA Julian Bryan & Associates

DRAWN	RAD
CHECKED	JBA
DATE	09-01-04
SCALE	1"=40'
JOB NO.	04134
SHEET	4 OF 6

FILE: g:/projects/2004/04134/preliminary/04134_sp04.dgn DATE: Jun. 17, 2005





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Thomasie Hutchinson
Chairman

REVISIONS	BY
1/17/05 PER COUNTY	RAD
2/25/05 PER COUNTY	RAD
6/16/05 PER COUNTY	RAD

RAVINIA
SITE PLAN
ST. LUCIE COUNTY, FLORIDA

HOMES AT RAVINIA, LLC

JBA Julian Bryan & Associates urban design site planning rezoning property analysis market feasibility governmental processing

DRAWN	RAD
CHECKED	JBA
DATE	09-01-04
SCALE	1"=40'
JOB NO.	04134
SHEET	

5 OF 6

FILE: q:/projects/2004/04134/preliminary/04134_sp05.dgn DATE: Jun. 17, 2005

MATCH LINE SEE SHEET 3

MATCH LINE SEE SHEET 5

UPLAND PRESERVE
10.16 AC.

N 59° 46'22"W 1502.07'

N 59° 46'22"W 1501.94'

N.S.L.R.W.C.D. CANAL NO. 103

90.00' CANAL EASEMENT

ASHLAND CIRCLE

LAKE
TRACT = 4.41 AC.
SURFACE = 3.13 AC.

LITTORAL ZONE

NORTH

0 40' 80'
GRAPHIC SCALE

KEY MAP

MATCH LINE SEE SHEET 2

S 00° 09'06"E 1194.37'

20' LANDSCAPE BUFFER

20' LANDSCAPE BUFFER TRACT

30' LANDSCAPE BUFFER TRACT

4' CONC. SIDEWALK (TYP.)

20' PAVEMENT (TYP.)

2' CONC. VALLEY GUTTER (TYP.)

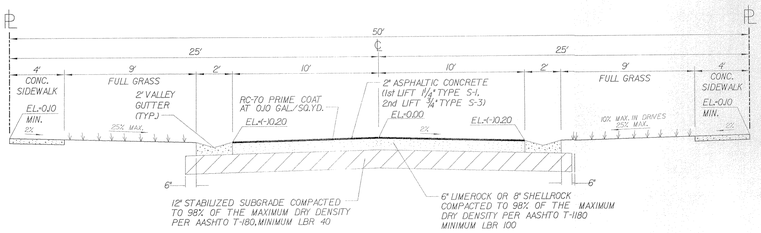
10' U.E.

12' D.E.

50' R/W

120' (TYP.)

52' (TYP.)



TYPICAL 50' ROAD SECTION
50' LOCAL STREET
N.T.S.

PRELIMINARY
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Joanne Hutchinson
Chairman

REVISIONS	BY
1/17/05 PER COUNTY	RAD
2/25/05 PER COUNTY	RAD
6/16/05 PER COUNTY	RAD
9/27/05 PER COUNTY	RAD

JBA Julian Bryan & Associates urban design site planning rezoning property analysis market feasibility governmental processing

RAVINIA
SITE PLAN

HOMES AT RAVINIA, LLC

ST. LUCIE COUNTY, FLORIDA

DRAWN	RAD
CHECKED	JBA
DATE	09-01-04
SCALE	1"=40'
JOB NO.	04134
SHEET	6 OF 6

FILE: g:/projects/2004/04134/preliminary/04134_sp06.dgn DATE: Jun. 17, 2005

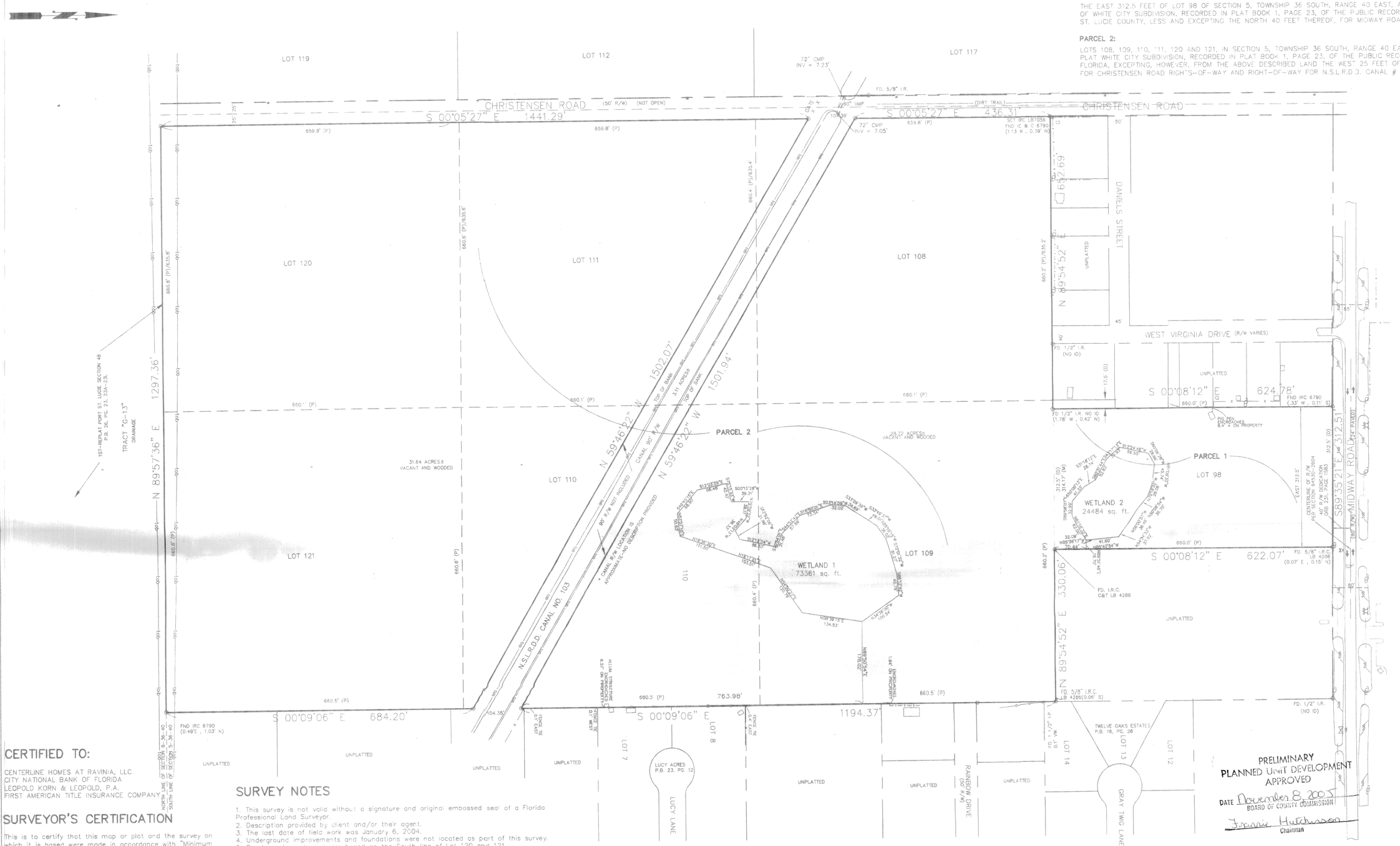
LEGAL DESCRIPTION:

PARCEL 1:

THE EAST 312.5 FEET OF LOT 98 OF SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, ACCORDING TO THE PLAT OF WHITE CITY SUBDIVISION, RECORDED IN PLAT BOOK 1, PAGE 23, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, LESS AND EXCEPTING THE NORTH 40 FEET THEREOF, FOR MIDWAY ROAD RIGHT-OF-WAY

PARCEL 2:

LOTS 108, 109, 110, 111, 120 AND 121, IN SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST ACCORDING TO THE PLAT WHITE CITY SUBDIVISION, RECORDED IN PLAT BOOK 1, PAGE 23, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, EXCEPTING, HOWEVER, FROM THE ABOVE DESCRIBED LAND THE WEST 25 FEET OF LOTS 108, 111, AND 120 FOR CHRISTENSEN ROAD RIGHT-S-OF-WAY AND RIGHT-OF-WAY FOR N.S.L.R.D.D. CANAL # 103.



CERTIFIED TO:

CENTERLINE HOMES AT RAVINIA, LLC.
CITY NATIONAL BANK OF FLORIDA
LEOPOLD KORN & LEOPOLD, P.A.
FIRST AMERICAN TITLE INSURANCE COMPANY

SURVEYOR'S CERTIFICATION

This is to certify that this map or plat and the survey on which it is based were made in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA, ACSM and NSPS in 1999, and includes Items (none specified) of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA, NSPS and ACSM and in effect on the date of this certification, undersigned further certifies that the Positional Uncertainties resulting from the survey measurements made on the survey do not exceed the allowable Positional Tolerance.

Date 7/12/05

Sign Richard C. Lavenure

Richard C. Lavanture
Florida Professional Land Surveyor
No. 5209

C:\LAI\PROJECTS\2004\04.0414\04.0414-4 Certs-04-15-04.doc

SURVEY NOTES

1. This survey is not valid without a signature and original embossed seal of a Florida Professional Land Surveyor.
2. Description provided by client and/or their agent.
3. The last date of field work was January 6, 2004.
4. Underground improvements and foundations were not located as part of this survey.
5. Bearings shown hereon are based on the South line of Lot 120 and 121 bearing N 89°57'36" E, as monumented. All bearings are relative thereto.
6. All boundary information shown is plat and calculated unless otherwise shown.
7. Property lies in flood zone X, per map 12111C0275 F.(Dated 8/19/91)
8. Property is vacant.
9. All elevations are based on the National Geodetic Vertical Datum (NGVD) of 1929, with a source benchmark of Port Saint Lucie benchmark number 6039, with an elevation of 18.09.(16.62 + 1.47' = 18.09')
10. Title Commitment No. L040635, dated October 22, 2004, was reviewed and incorporated into this survey.
11. Wetlands located as flagged by Crossroads Environmental, Inc.

RAVINIA

PRELIMINARY PLANNED UNIT DEVELOPMENT APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Jennie Hutchinson
Chairman

LEGEND

Δ = CENTRAL ANGLE
R = CURVE RADIUS
L = CURVE LENGTH
T.O.B. = TOP OF BANK
FD./F=D= FOUND
SQ. FT. = SQUARE FEET
IRC = #5 IRON ROD & CAP
FP&L = FLORIDA POWER AND LIGHT
OHU = OVERHEAD UTILITIES
N&D = NAIL AND DISK
P.L.S. = PROFESSIONAL LAND SURVEYOR
LB = LICENSED BUSINESS
P.B. = PLAT BOOK
PC = POINT OF CURVATURE
ELEV. = ELEVATION
R/W = RIGHT-OF-WAY
D.E. = DRAINAGE EASEMENT
U.E. = UTILITY EASEMENT
○ = SET #5 IRMC LB7056
● = CABLE BOX
= FIRE HYDRANT
= WATER METER
= BELLSOUTH SERVICE TOWER
= WOOD POWER POLE
= GUY WIRE
CONC = CONCRETE
= LIGHT POST
= GROUND ELEVATION
O.S.T. = OPEN SPACE TRACT
N.S.L.R.D.D. = NORTH ST. LUCIE RIVER DRAINAGE DISTRICT
TYP = TYPICAL
X-X-X = CHAIN LINK FENCE
O-O-O = WOOD FENCE
CMP = CORRUGATED METAL PIPE
ALUM = ALUMINUM

ALTA BOUNDARY SURVEY

(INCLUDING JURISDICTIONAL WETLAND SURVEY)

PREPARED FOR

CENTERLINE ACQUISITIONS, LLC

– REVISIONS –	BY	DATE
MODIFY DESCRIPTION	JPH	2/29/04
OMIT #3 WETLAND	JPH	1/13/05
REVIEW TITLE COMMITMENT	JPH	2/4/05
ADD FENCE TIES (EAST LINE)	JOE M	5/13/05
ADD "RAVINIA"	JOE M	7/12/05

	BY	DATE
FIELD	MH	1/6/04
CALCS.	RCL	1/5/04
DRAWN	ALH	1/8/04
CHECKED	RCL	1/15/04
FILE REF.	FIELD BK/PG	
03.0414-beck	03-78/5	

LAVENTURE & ASSOCIATES, INC.
PROFESSIONAL SURVEYING AND MAPPING
CIVIL ENGINEERING COORDINATION
1840 SE PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FLORIDA 34952
(772) 398-6430 Phone (772) 398-6426 Fax
LB 7056

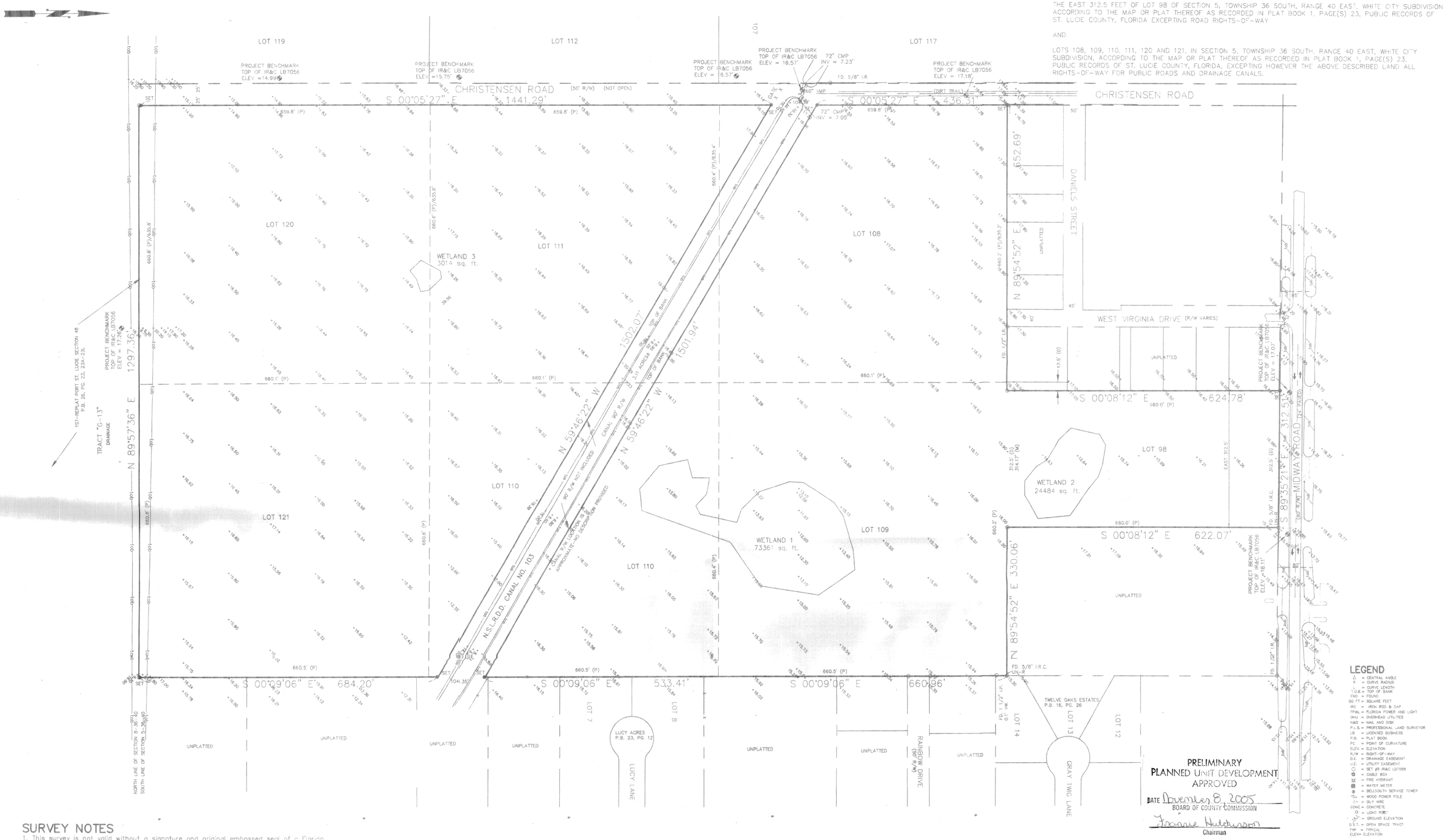
DATE: 1/26/04
HORIZ. SCALE: 1"=100'
VERT. SCALE: N/A
JOB No. 03.0414
SHEET 1 OF 1

LEGAL DESCRIPTION:

THE EAST 312.5 FEET OF LOT 98 OF SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, WHITE CITY SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE(S) 23, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA EXCEPTING ROAD RIGHTS-OF-WAY

AND

LOTS 108, 109, 110, 111, 120 AND 121, IN SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, WHITE CITY SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE(S) 23, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, EXCEPTING HOWEVER THE ABOVE DESCRIBED LAND ALL RIGHTS-OF-WAY FOR PUBLIC ROADS AND DRAINAGE CANALS.



PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Joanne Hutchinson
Chairman

LEGEND

Δ = CENTRAL ANGLE
R = CURVE RADIUS
L = CURVE LENGTH
T.O.B. = TOP OF BANK
FND = FOUND
SQ FT = SQUARE FEET
IRC = IRON ROD & CAP
FP&L = FLORIDA POWER AND LIGHT
OHU = OVERHEAD UTILITIES
N&D = NAIL AND DISK
P.L.S. = PROFESSIONAL LAND SURVEYOR
LB = LICENSED BUSINESS
P.B. = PLAT BOOK
P.C. = POINT OF CURVATURE
ELEV. = ELEVATION
R/W = RIGHT-OF-WAY
D.E. = DRAINAGE EASEMENT
U.E. = UTILITY EASEMENT
○ = SET #8 IR&C LB7056
CB = CABLE BOX
FH = FIRE HYDRANT
WM = WATER METER
BST = BELLSOUTH SERVICE TOWER
PP = WOOD POWER POLE
OHW = OLY WIRE
CONC = CONCRETE
LP = LIGHT POST
GE = GROUND ELEVATION
O.S.T. = OPEN SPACE TRACT
TYP = TYPICAL
ELEV= ELEVATION

SURVEY NOTES

1. This survey is not valid without a signature and original embossed seal of a Florida Professional Land Surveyor.
2. Description provided by client and/or their agent.
3. The last date of field work was January 6, 2004.
4. Underground improvements and foundations were not located as part of this survey.
5. Bearings shown hereon are based on the South line of Lot 120 and 121 bearing N 89°57'36" E, as monumented. All bearings are relative thereto.
6. All boundary information shown is plat and calculated unless otherwise shown.
7. Property lies in flood zone X, per map 12111C0275 F.(Dated 8/19/91)
8. Property is vacant.
9. All elevations are based on the National Geodetic Vertical Datum (NGVD) of 1929, with a source benchmark of Port Saint Lucie benchmark number 6039, with an elevation of 18.09.(16.62 + 1.47 = 18.09)

Richard C. Laventure 7/12/05
RICHARD C. LAVENTURE, P.L.S. #5209

TOPOGRAPHIC SURVEY
PREPARED FOR
RAVINIA

- REVISIONS -	BY	DATE
ADD "RAVINIA"	JOE M.	7/12/05

	BY	DATE
FIELD	MH	1/6/04
CALCS.	RCL	1/5/04
DRAWN	ALH	1/8/04
CHECKED	RCL	1/15/04
FILE REF. 03.0414	FIELD BK/PG 03-78/5	

LAVENTURE & ASSOCIATES, INC.
PROFESSIONAL SURVEYING AND MAPPING
CIVIL ENGINEERING COORDINATION
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(772) 398-6430 Phone (772) 398-6426 Fax
LB 7056

DATE: 1/26/04
HORIZ. SCALE: 1"=100'
VERT. SCALE: N/A
JOB No. 03.0414
SHEET 1 OF 1

NORTH

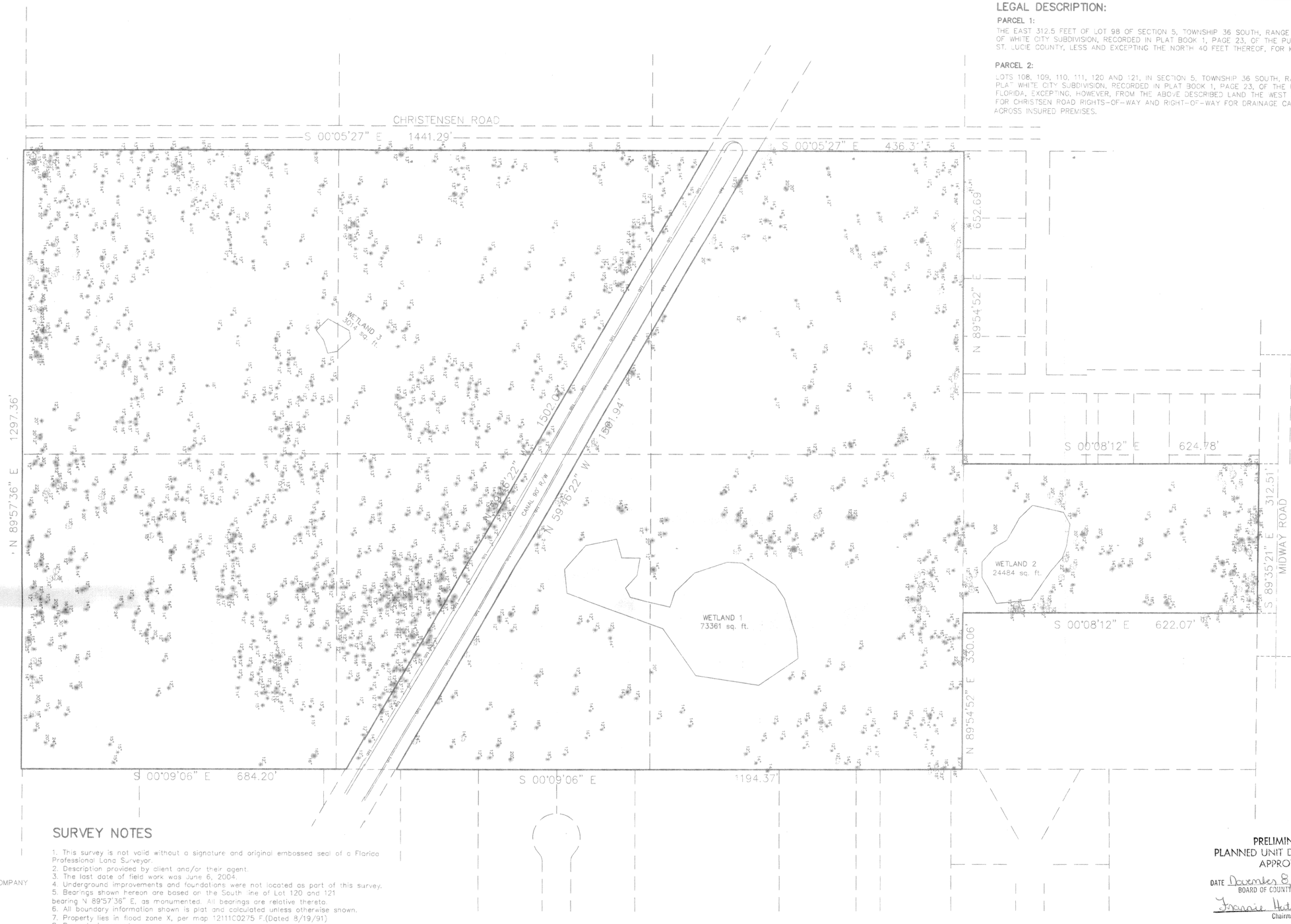
LEGAL DESCRIPTION:

PARCEL 1:

THE EAST 312.5 FEET OF LOT 98 OF SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, ACCORDING TO THE PLAT OF WHITE CITY SUBDIVISION, RECORDED IN PLAT BOOK 1, PAGE 23, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, LESS AND EXCEPTING THE NORTH 40 FEET THEREOF, FOR MIDWAY ROAD RIGHT-OF-WAY

PARCEL 2:

LOTS 108, 109, 110, 111, 120 AND 121, IN SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST ACCORDING TO THE PLAT WHITE CITY SUBDIVISION, RECORDED IN PLAT BOOK 1, PAGE 23, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, EXCEPTING, HOWEVER, FROM THE ABOVE DESCRIBED LAND THE WEST 25 FEET OF LOTS 108, 111, AND 120 FOR CHRISTSEN ROAD RIGHTS-OF-WAY AND RIGHT-OF-WAY FOR DRAINAGE CANALS AS PRESENTLY LOCATED ACROSS INSURED PREMISES.



LEGEND

Δ	= CURVE CENTRAL ANGLE
R	= CURVE RADIUS
L	= CURVE LENGTH
ELEV	= ELEVATION (TYPICAL)
⌀	= 5/8" IRON ROD
CM	= CONCRETE MONUMENT
IP	= IRON PIPE
N&D	= NAIL AND DISK
P.L.S.	= PROFESSIONAL LAND SURVEYOR
P.S.M.	= PROFESSIONAL SURVEYOR & MAPPER
P.B.	= PLAT BOOK
R/W	= RIGHT-OF-WAY
ORB	= OFFICIAL RECORD BOOK
PG.	= PAGE
NO.	= NUMBER
TYP.	= TYPICAL
U.E.	= UTILITY EASEMENT
OHU	= OVERHEAD UTILITY
☼	= LIGHT POST
◑	= CABLE BOX
✻	= SANITARY VALVE
⊕	= BENCHMARK
⊗	= WOOD POWER POLE w/ GUY WIRE
⋈	= WATER VALVE
⊥	= FIRE HYDRANT
POB	= POINT OF BEGINNING
D.B.	= DEED BOOK
ELEV	= ELEVATION
INV	= INVERT
RCP	= REINFORCED CONCRETE PIPE
CMP	= CORRUGATED METAL PIPE
	= ELECTRICAL SERVICE BOX
TOB	= TOP OF BANK
FND	= FOUND
IR&C	= IRON ROD & CAP
±	= PLUS OR MINUS
LB	= LICENSED BUSINESS
○	= SET #5 IR & CAP LB7056
D.E.	= DRAINAGE EASEMENT
-x-	= 6' CHAIN LINK FENCE
-FM-	= FORCE MAIN
-HW-	= 4' HOG WIRE FENCE
-WM-	= WATER MAIN
	= OAK TREE
	= PINE TREE
	= PALM TREE

CERTIFIED TO:

CENTERLINE HOMES AT RAVINIA, LLC.
CITY NATIONAL BANK OF FLORIDA
LEOPOLD KORN & LEOPOLD, P.A.
FIRST AMERICAN TITLE INSURANCE COMPANY

SURVEY NOTES

1. This survey is not valid without a signature and original embossed seal of a Florida Professional Land Surveyor.
2. Description provided by client and/or their agent.
3. The last date of field work was June 6, 2004.
4. Underground improvements and foundations were not located as part of this survey.
5. Bearings shown hereon are based on the South line of Lot 120 and 121 bearing N 89°57'36" E, as monumented. All bearings are relative thereto.
6. All boundary information shown is plat and calculated unless otherwise shown.
7. Property lies in flood zone X, per map 12111C0275 F.(Dated 8/19/91)
8. Property is vacant.
9. All elevations are based on the National Geodetic Vertical Datum (NGVD) of 1929, with a source benchmark of Port Saint Lucie benchmark number 6039, with an elevation of 18.09.(16.62 + 1.47' = 18.09')
10. Title Commitment No. CF-1099422, dated May 22, 2003, was reviewed and incorporated into this survey.
11. Wetlands located as flagged by Crossroads Environmental, Inc.
12. Trees were located per St. Lucie County Land Development regulation criteria. Trees were located using conventional surveying techniques and differential Global Positioning Systems, with sub-meter positions.

PREPARED BY:
Richard C. Laventure
RICHARD C. LAVENTURE
FLORIDA PROFESSIONAL LAND SURVEYOR #5209
7/12/05
DATED

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Francine Hutchinson
Chairman

TREE SURVEY
PREPARED FOR
RAVINIA

- REVISIONS -	BY	DATE
ADD CERTIFICATIONS & MODIFY DESCRIPTIONS	JPH	12/27/04
ADD "RAVINIA"	JOE M.	7/12/05

	BY	DATE
FIELD	AB	6/1/04
CALCS.	RCL	10/31/03
DRAWN	JPH	6/5/04
CHECKED	RCL	6/5/04
FILE REF.	FIELD BK/PG	
03.0414-tree	GPS	

LAVENTURE & ASSOCIATES, INC.
PROFESSIONAL SURVEYING AND MAPPING
CIVIL ENGINEERING COORDINATION
1840 SE PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FLORIDA 34952
(772) 398-6430 Phone (772) 398-6426 Fax
LB 7056

DATE: 11-3-03
HORIZ. SCALE: 1"=100'
VERT. SCALE: N/A
JOB No. 03.0414
SHEET 1 OF 1

PROJECT NO. 04134
September 2004

PRELIMINARY ENGINEERING PLANS
FOR

Ravinia

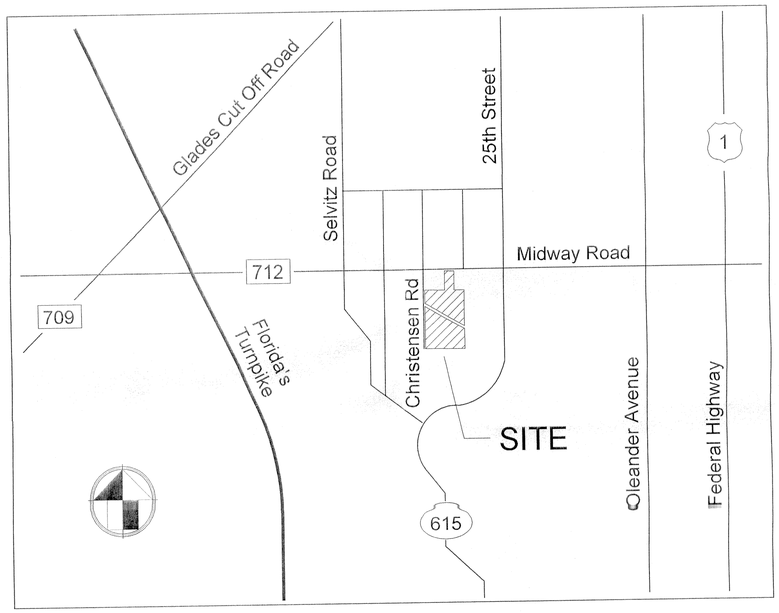
St. Lucie County, Florida

LEGAL DESCRIPTION

THE EAST 312.5 FEET OF LOT 98 OF SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, WHITE CITY SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE(S) 23, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA EXCEPTING ROAD RIGHTS-OF-WAY

AND

LOTS 108, 109, 110, 111, 120 AND 121, IN SECTION 5, TOWNSHIP 36 SOUTH, RANGE 40 EAST, WHITE CITY SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE(S) 23, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, EXCEPTING HOWEVER THE ABOVE DESCRIBED LAND ALL RIGHTS-OF-WAY FOR PUBLIC ROADS AND DRAINAGE CANALS.



LOCATION MAP
S 5, T 36S, R 40E

INDEX OF SHEETS

SHEET DESCRIPTION	SHEET NO.
PRELIMINARY ENGINEERING PLANS	1 - 5

THIS PLAN WAS PREPARED UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THE PUBLIC ROADS SHOWN HEREON COMPLIES WITH THE INTENT OF THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREET AND HIGHWAYS", AS ADOPTED BY THE STATE OF FLORIDA LEGISLATURE, CHAPTER 72-328 F.S.

PRELIMINARY
PLANNED U[illegible] DEVELOPMENT
APPROVED
DATE December 6, 2005
BOARD OF COUNTY COMMISSION
Maurice Hutchinson
Chairman

48 HOURS BEFORE DIGGING
CALL SUNSHINE
TOLL FREE
1-800-432-4770
UNDERGROUND UTILITIES NOTIFICATION CENTER OF FLORIDA
FIRST CALL OF FLORIDA
1-800-227-3385
FOR FLORIDA POWER AND LIGHT CO.

SCHNARS ENGINEERING CORPORATION

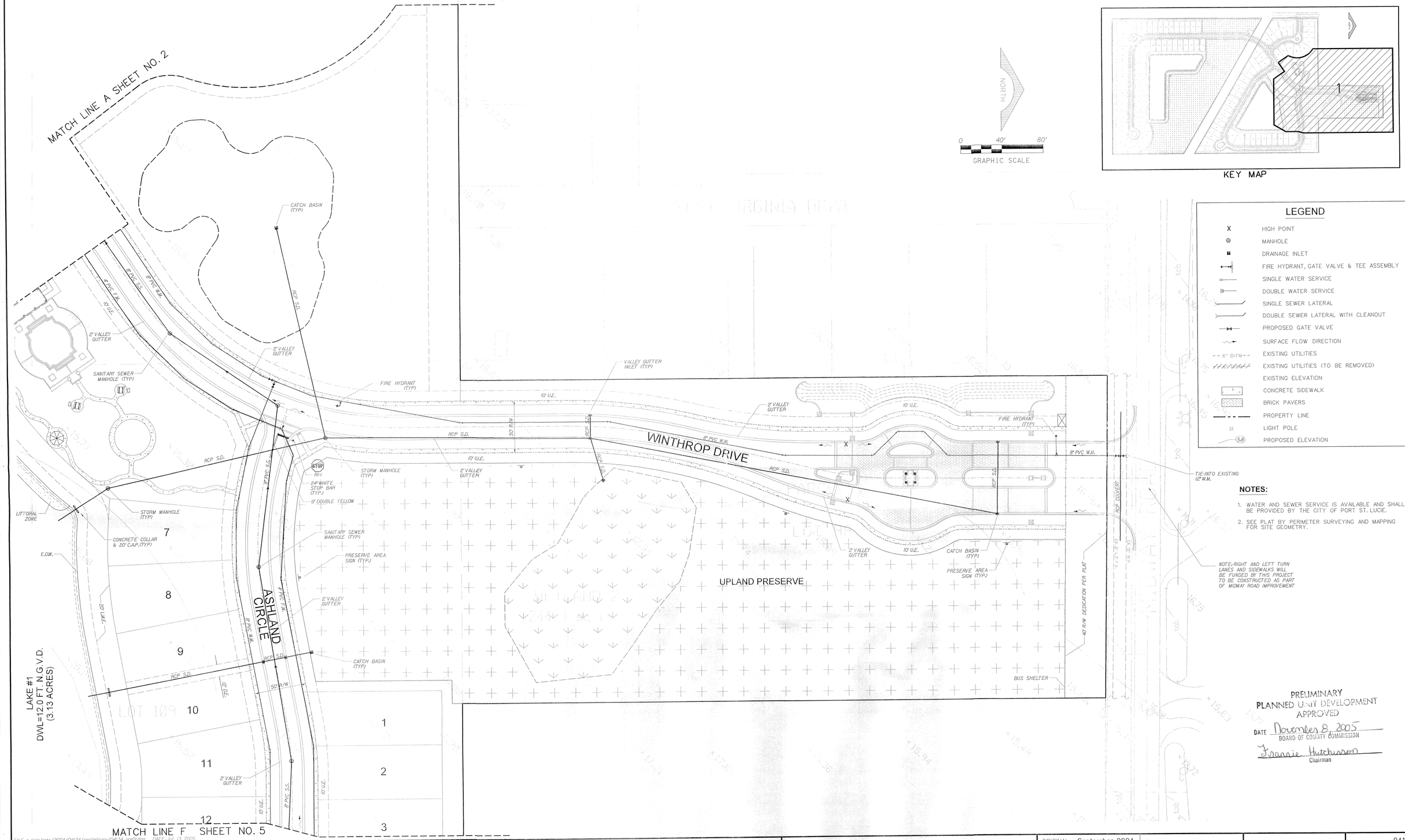
SEP 28 2005
Jeffrey A. Schnars, P.E.
Civil Engineer
Florida Registration No. 46697
NOT THE FIRM

OWNER:

Homes at Ravinia, LLC
825 Coral Ridge Drive
Coral Springs, Florida 33071

SCHNARS ENGINEERING CORPORATION
951 BROKEN SOUND PARKWAY, SUITE 320 • BOCA RATON, FLORIDA 33487
TEL: (561) 241-6455 FAX: (561) 241-5182
Certificate of Authorization No. 6640

FILE: q:/projects/2004/04134/preliminary/04134_precov.dgn DATE: Jun. 16, 2005



NOTES:

1. WATER AND SEWER SERVICE IS AVAILABLE AND SHALL BE PROVIDED BY THE CITY OF PORT ST. LUCIE.
2. SEE PLAT BY PERIMETER SURVEYING AND MAPPING FOR SITE GEOMETRY.

NOTE: RIGHT AND LEFT TURN LANES AND SIDEWALKS WILL BE FUNDED BY THIS PROJECT TO BE CONSTRUCTED AS PART OF MIDWAY ROAD IMPROVEMENT

PRELIMINARY
PLANNED U.N.IT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Frannie Hutchinson
Chairman

FILE: g:/projects/2004/04134/preliminary/04134_prelim.dgn DATE: Jul. 13, 2005

SCHNARS
ENGINEERING CORPORATION
951 Broken Sound Parkway, Suite 320
Boca Raton, Florida 33487
Certificate of Authorization No. 6640
Tel: (561) 241-6455
Fax: (561) 241-5182

OWNER: CENTERLINE HOMES AT RAVINIA, LLC
825 CORAL RIDGE DRIVE
CORAL SPRINGS, FLORIDA 33071
(954) 344-8040

PROJECT: RAVINIA
ST. LUCIE COUNTY FLORIDA

TASK: PRELIMINARY ENGINEERING PLAN

ORIGINAL: September 2004
REVISIONS:
1 1/14/05 Per County & City Comments
2 2/25/05 Per County Comments
3 4/29/05 Per County Comments
4 6/16/05 Per County Comments
5
6
7
8
9
10
11
12

SEP 28 2005
Jeffrey T. Schnars, P.E.
Civil Engineer
Florida Registration No. 46097
(FOR THE FIRM)

JOB NO. 04134
DRAWN GJT
DESIGNED GRD
CHECKED JWM
Q.C. JTS
SHEET 1 OF 5

CHRISTENSEN ROAD

MATCH LINE B SHEET NO. 3

UPLAND PRESERVE

WINTHROP DRIVE

WINONA WAY

ASHLAND CIRCLE

UPLAND PRESERVE

LAKE #2
DWL=12.0 FT. N.G.V.D.
(3.48 ACRES)

LAKE #1
DWL=12.0 FT. N.G.V.D.
(3.13 ACRES)

MATCH LINE C SHEET NO. 5

MATCH LINE A SHEET NO. 1

NORTH

0 40' 80'
GRAPHIC SCALE

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE: November 8, 2005
BOARD OF COUNTY COMMISSION
Doris Hutchinson
Chairman

LEGEND

- HIGH POINT
- MANHOLE
- DRAINAGE INLET
- FIRE HYDRANT, GATE VALVE & TEE ASSEMBLY
- SINGLE WATER SERVICE
- DOUBLE WATER SERVICE
- SINGLE SEWER LATERAL
- DOUBLE SEWER LATERAL WITH CLEANOUT
- PROPOSED GATE VALVE
- SURFACE FLOW DIRECTION
- EXISTING UTILITIES
- EXISTING UTILITIES (TO BE REMOVED)
- EXISTING ELEVATION
- CONCRETE SIDEWALK
- BRICK PAVERS
- PROPERTY LINE
- LIGHT POLE
- PROPOSED ELEVATION

KEY MAP

NOTES:

1. WATER AND SEWER SERVICE IS AVAILABLE AND SHALL BE PROVIDED BY THE CITY OF PORT ST. LUCIE.
2. SEE PLAT BY PERIMETER SURVEYING AND MAPPING FOR SITE GEOMETRY.

FILE: e:/projects/2004/04134/preliminary/04134_pre02.dgn DATE: Jul. 12, 2005

SCHNARS
ENGINEERING CORPORATION
951 Broken Sound Parkway, Suite 320
Boca Raton, Florida 33487
Certificate of Authorization No. 6640
Tel: (561) 241-6455
Fax: (561) 241-5182

OWNER: CENTERLINE HOMES AT RAVINIA, LLC
825 CORAL RIDGE DRIVE
CORAL SPRINGS, FLORIDA 33071
(954) 344-8040

PROJECT: RAVINIA
ST. LUCIE COUNTY FLORIDA

TASK: PRELIMINARY ENGINEERING PLAN

ORIGINAL: September 2004

REVISIONS:
1 1/14/05 Per County & City Comments
2 2/25/05 Per County Comments
3 4/29/05 Per County Comments
4 6/16/05 Per County Comments
5
6
7
8
9
10
11
12

SEP 28 2005
Jeffrey J. Schnars, P.E.
Civil Engineer
Florida Registration No. 46697
(FOR THE FIRM)

JOB NO. 04134
DRAWN GJT
DESIGNED GRD
CHECKED JWM
Q.C. JTS
SHEET 2 OF 5

CHRISTENSEN ROAD

5' R/W DEDICATION PER PLAT

10' U.E.

WINTHROP DRIVE

50' R/W

8" PVC W.M.

8" PVC S.S.

SANITARY SEWER MANHOLE (TYP)

FIRE HYDRANT (TYP)

CATCH BASIN (TYP)

2' VALLEY GUTTER

50'R

25'R

18'R

12' D.E.

RCP S.D.

EXISTING DITCH TO REMAIN

MATCH LINE B SHEET NO. 2

MATCH LINE D SHEET NO. 4

LAKE #2
DWL=12.0 FT. N.G.V.D.
(3.48 ACRES)

CONCRETE COLLAR & 120° CAP (TYP)

LITTORAL ZONE

5' MULCHED PEDESTRIAN PATHWAY (TYP.)

GAZEBO

20' L.M.E.

PRESERVE AREA SIGN (TYP.)

UPLAND PRESERVE

I.E.D.W.

20' L.M.E.

Lots: 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

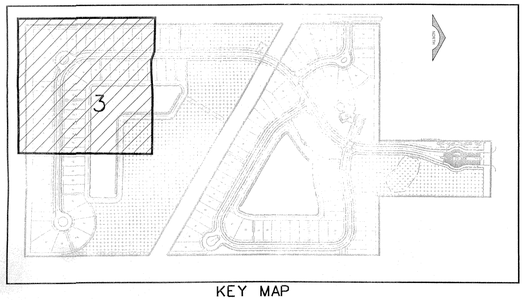
NORTH

0 40' 80'

GRAPHIC SCALE

LEGEND

- HIGH POINT
- MANHOLE
- DRAINAGE INLET
- FIRE HYDRANT, GATE VALVE & TEE ASSEMBLY
- SINGLE WATER SERVICE
- DOUBLE WATER SERVICE
- SINGLE SEWER LATERAL
- DOUBLE SEWER LATERAL WITH CLEANOUT
- PROPOSED GATE VALVE
- SURFACE FLOW DIRECTION
- 6" DIPM — EXISTING UTILITIES
- EXISTING UTILITIES (TO BE REMOVED)
- EXISTING ELEVATION
- CONCRETE SIDEWALK
- BRICK PAVERS
- PROPERTY LINE
- LIGHT POLE
- 5.8 PROPOSED ELEVATION



KEY MAP

NOTES:

1. WATER AND SEWER SERVICE IS AVAILABLE AND SHALL BE PROVIDED BY THE CITY OF PORT ST. LUCIE.
2. SEE PLAT BY PERIMETER SURVEYING AND MAPPING FOR SITE GEOMETRY.

PRELIMINARY
PLANNED U.NIT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Thomas Hutchinson
Chairman

FILE:q:\projects\2004\04134\04134 pre03.dgn DATE: May. 09, 2005

SCHNARS
ENGINEERING CORPORATION
951 Broken Sound Parkway, Suite 320
Boca Raton, Florida 33487
Certificate of Authorization No. 6640
Tel: (561) 241-6455
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CORAL SPRINGS, FLORIDA 33071
(954) 344-8040

PROJECT: RAVINIA
ST. LUCIE COUNTY FLORIDA

TASK: PRELIMINARY ENGINEERING PLAN

ORIGINAL: September 2004

REVISIONS:
1 1/14/05 Per County & City Comments
2 2/25/05 Per County Comments
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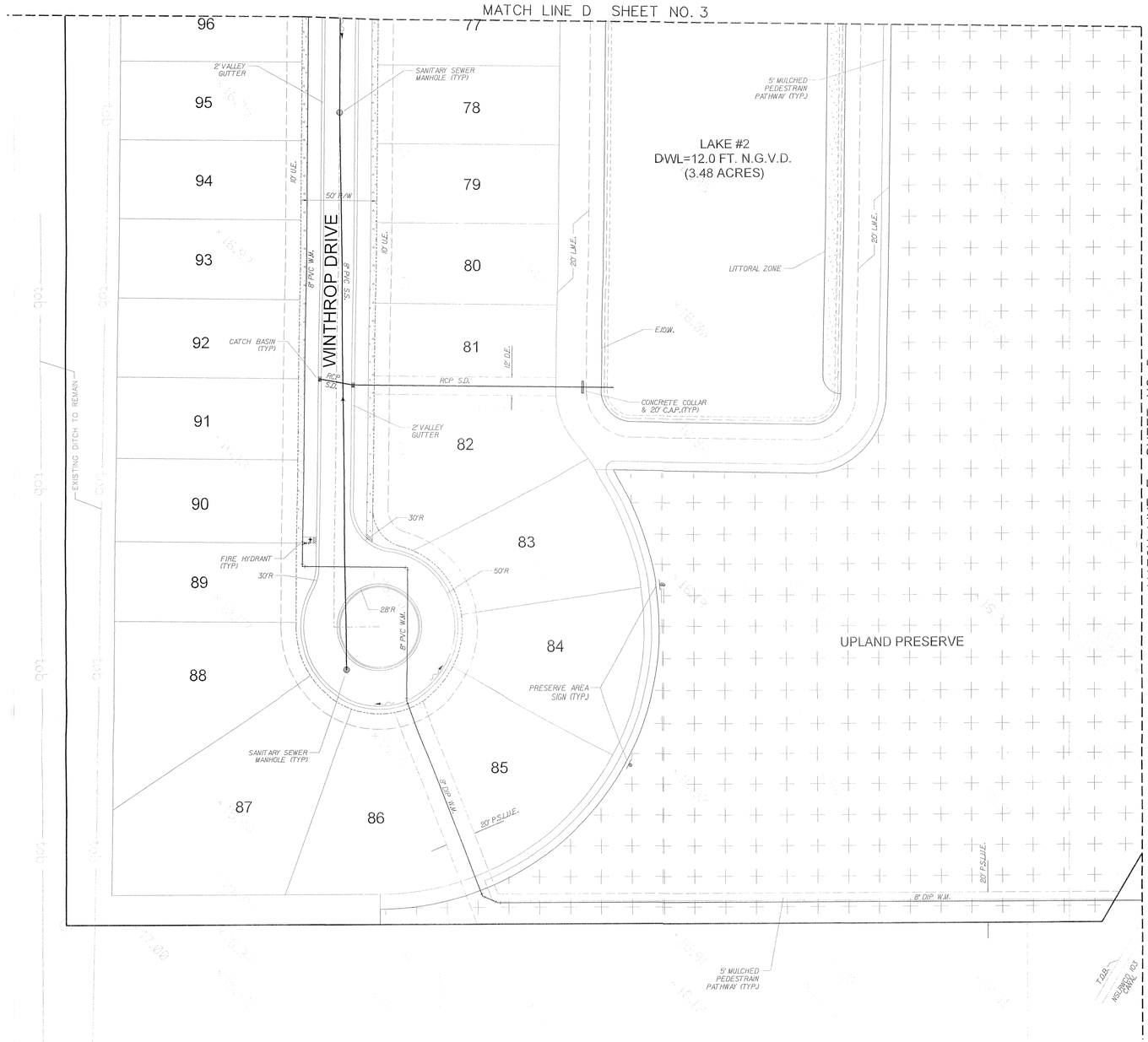
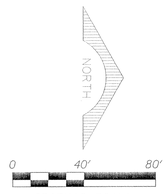
11
12

SEP 28 2005

Jeffrey T. Schnars, P.E.
Civil Engineer
Florida Registration No. 46097
(FOR) THE FIRM)

JOB NO. 04134
DRAWN GJT
DESIGNED GRD
CHECKED JWM
Q.C. JTS
SHEET 3 OF 5



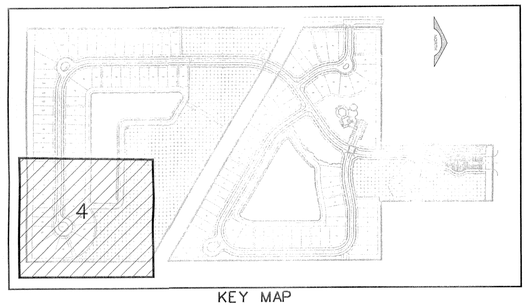


LEGEND

- X — HIGH POINT
- MANHOLE
- DRAINAGE INLET
- FIRE HYDRANT, GATE VALVE & TEE ASSEMBLY
- SINGLE WATER SERVICE
- DOUBLE WATER SERVICE
- SINGLE SEWER LATERAL
- DOUBLE SEWER LATERAL WITH CLEANOUT
- PROPOSED GATE VALVE
- SURFACE FLOW DIRECTION
- -- 6" DIFM -- EXISTING UTILITIES
- EXISTING UTILITIES (TO BE REMOVED)
- EXISTING ELEVATION
- CONCRETE SIDEWALK
- BRICK PAVERS
- PROPERTY LINE
- LIGHT POLE
- (5.8) PROPOSED ELEVATION

NOTES:

1. WATER AND SEWER SERVICE IS AVAILABLE AND SHALL BE PROVIDED BY THE CITY OF PORT ST. LUCIE.
2. SEE PLAT BY PERIMETER SURVEYING AND MAPPING FOR SITE GEOMETRY.



KEY MAP

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Doris Hutchinson
Chairman

FILE: q:/projects/2004/04134/04134 pre04.dgn DATE: May, 09, 2005

SCHNARS
ENGINEERING CORPORATION
951 Broken Sound Parkway, Suite 320
Boca Raton, Florida 33487
Certificate of Authorization No. 6640
Tel: (561) 241-6455
Fax: (561) 241-5182

OWNER: CENTERLINE HOMES AT RAVINIA, LLC
825 CORAL RIDGE DRIVE
CORAL SPRINGS, FLORIDA 33071
(954) 344-8040

PROJECT: RAVINIA
ST. LUCIE COUNTY FLORIDA

TASK: PRELIMINARY ENGINEERING PLAN

ORIGINAL: September 2004
REVISIONS:
1 1/14/05 Per County & City Comments
2 2/25/05 Per County Comments
3 4/29/05 Per County Comments
4 6/16/05 Per County Comments
5
6
7
8
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12

SEP 2 8 2005
Jeffrey T. Schnars, P.E.
Civil Engineer
Florida Registration No. 46697
(FOR THE FIRM)

JOB NO. 04134
DRAWN GJT
DESIGNED GRD
CHECKED JWM
Q.C. JTS
SHEET 4 OF 5

MATCH LINE C SHEET NO. 2

MATCH LINE E SHEET NO. 4

MATCH LINE F SHEET NO. 1

UPLAND PRESERVE

N.S.L.R.I.D. CANAL NO. 103

ASHLAND CIRCLE

LUCY LANE

RAINBOW DRIVE

NORTH

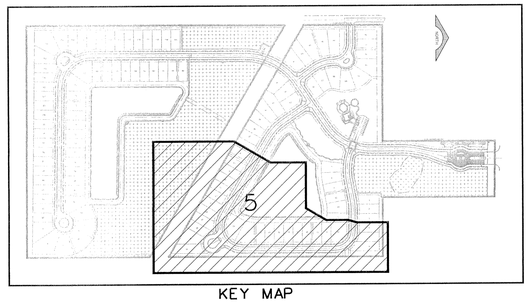
0 40' 80'

GRAPHIC SCALE

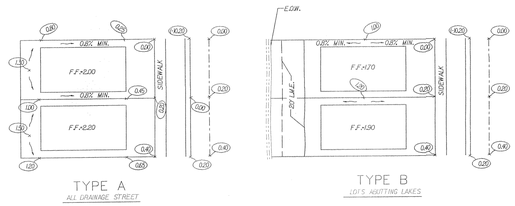
LAKE #1
DWL=12.0 FT. N.G.V.D.
(3.13 ACRES)

LEGEND

- X — HIGH POINT
- MANHOLE
- DRAINAGE INLET
- FIRE HYDRANT, GATE VALVE & TEE ASSEMBLY
- SINGLE WATER SERVICE
- DOUBLE WATER SERVICE
- SINGLE SEWER LATERAL
- DOUBLE SEWER LATERAL WITH CLEANOUT
- PROPOSED GATE VALVE
- SURFACE FLOW DIRECTION
- 6" D.I.P.M. — EXISTING UTILITIES
- EXISTING UTILITIES (TO BE REMOVED)
- EXISTING ELEVATION
- CONCRETE SIDEWALK
- BRICK PAVERS
- PROPERTY LINE
- LIGHT POLE
- 5.8 — PROPOSED ELEVATION

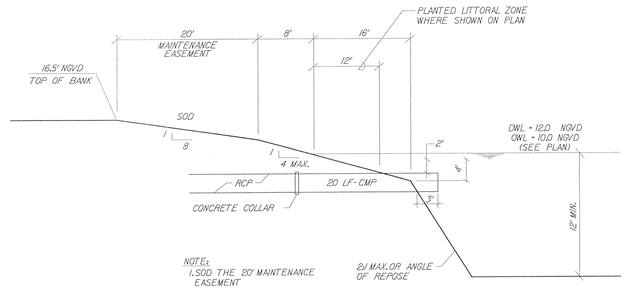


KEY MAP



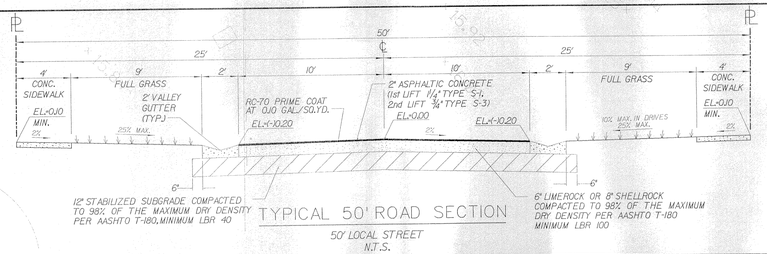
TYPICAL LOT GRADING FOR STANDARD LOTS
N.T.S.

LOT GRADING LEGEND
- 5.15 — RELATIVE ELEVATION
- 8.00 — N.G.V.D. ELEVATION



TYPICAL LAKE SECTION
N.T.S.

NOTES:
1. SOD THE 20' MAINTENANCE EASEMENT
2. 2:1 MAX. OR ANGLE OF REPOSE



TYPICAL 50' ROAD SECTION
50' LOCAL STREET
N.T.S.

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Frannie Hutchinson
Chairman

NOTES:
1. WATER AND SEWER SERVICE IS AVAILABLE AND SHALL BE PROVIDED BY THE CITY OF PORT ST. LUCIE.
2. SEE PLAT BY PERIMETER SURVEYING AND MAPPING FOR SITE GEOMETRY.

FILE: q:/projects/2004/04134/04134 pre05.dgn DATE: May. 09, 2005

SCHNARS
ENGINEERING CORPORATION
951 Broken Sound Parkway, Suite 320
Boca Raton, Florida 33487
Certificate of Authorization No. 6640
Tel: (561) 241-6455
Fax: (561) 241-5182

OWNER: CENTERLINE HOMES AT RAVINIA, LLC
825 CORAL RIDGE DRIVE
CORAL SPRINGS, FLORIDA 33071
(954) 344-8040

PROJECT: RAVINIA
ST. LUCIE COUNTY FLORIDA

TASK: PRELIMINARY ENGINEERING PLAN

ORIGINAL: September 2004

REVISIONS:
1. 1/14/05 Per County & City Comments
2. 2/25/05 Per County Comments
3. 4/29/05 Per County Comments
4. 6/16/05 Per County Comments
5. 9/27/05 Per County Comments
6. 7. 8. 9. 10. 11. 12.

SEP 28 2005

Jeffrey T. Schnars, P.E.
Florida Registration No. 46097
(FOR THE FIRM)

JOB NO. 04134
DRAWN GJT
DESIGNED GRD
CHECKED JWM
Q.C. JTS

SHEET 5 OF 5

Ravinia

St. Lucie County, Florida

Overall Common Area Landscape Planting Plans

(Including: Main Entrance Area/ Recreation Area/
Overall Common Areas and Perimeter Landscape Buffers)

Centerline Homes At Ravinia, LLC.
825 Coral Ridge Drive - Coral Springs, Florida - (954) 344-8040

Legend of Drawings:

P-1 Cover Sheet/ Legend of Drawings
P-2 Master Sheet Key Location Map
9-3 Main Entrance Area - Northside - Landscape Planting Plan (1 of 3)
P-4 Main Entrance Area - Southside - Landscape Planting Plan (2 of 3)
P-5 Mian Entrance Area - Roadway - Landscape Planting Plan (3 of 3)
P-6 Community Recreation Area - Landscape Planting Plan
P-7 Overall Common Area Landscape Planting Plan (1 of 5)
P-8 Overall Common Area Landscape Planting Plan (2 of 5)
P-9 Overall Common Area Landscape Planting Plan (3 of 5)
P-10 Overall Common Area Landscape Planting Plan (4 of 5)
P-11 Overall Common Area Landscape Planting Plan (5 of 5)
P-12 Sections 'A' and 'B' - Perimeter Landscape Buffer - Planting Plans (1 of 6)
P-13 Sections 'C' , '1' and '2' - Perimeter Landscape Buffer - Planting Plans (2 of 6)
P-14 Sections 'D' and 'E' - Perimeter Landscape Buffer and Cul-de-sac - Planting Plans (3 of 6)
P-15 Sections 'F', '3' and '4' - Perimeter Landscape Buffer and Cul-de-sac - Planting Plans (4 of 6)
P-16 Sections 'G' and 'H' - Perimeter Landscape Buffer - Planting Plans (5 of 6)
P-17 Sections 'I' and 'J' - Perimeter Landscape Buffer - Planting Plans (6 of 6)
P-18 "Main Entrance and Recreation Area" Composite Plant List / General Notes
P-19 "Overall Common Area" - Composite Plant Lists and General Notes
P-20 Typical Landscape Planting Details and Specifications
P-21 Main Entrance Area - Typical Cross-Sections and Details

PRELIMINARY
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BOARD OF COUNTY COMMISSION
Jeannie Hutchinson
Chairman

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
Landscape Architect
and Associates, P.A.

Landscape
Architecture/
Land Planning and Consulting/
Site Plan Graphics

Sanctuary Centre
4800 North Federal Highway
Suite 105B
Boca Raton, Florida 33431
(561) 417 5470
mschale@mtschale.com

Cover Sheet/ Legend of Drawings

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

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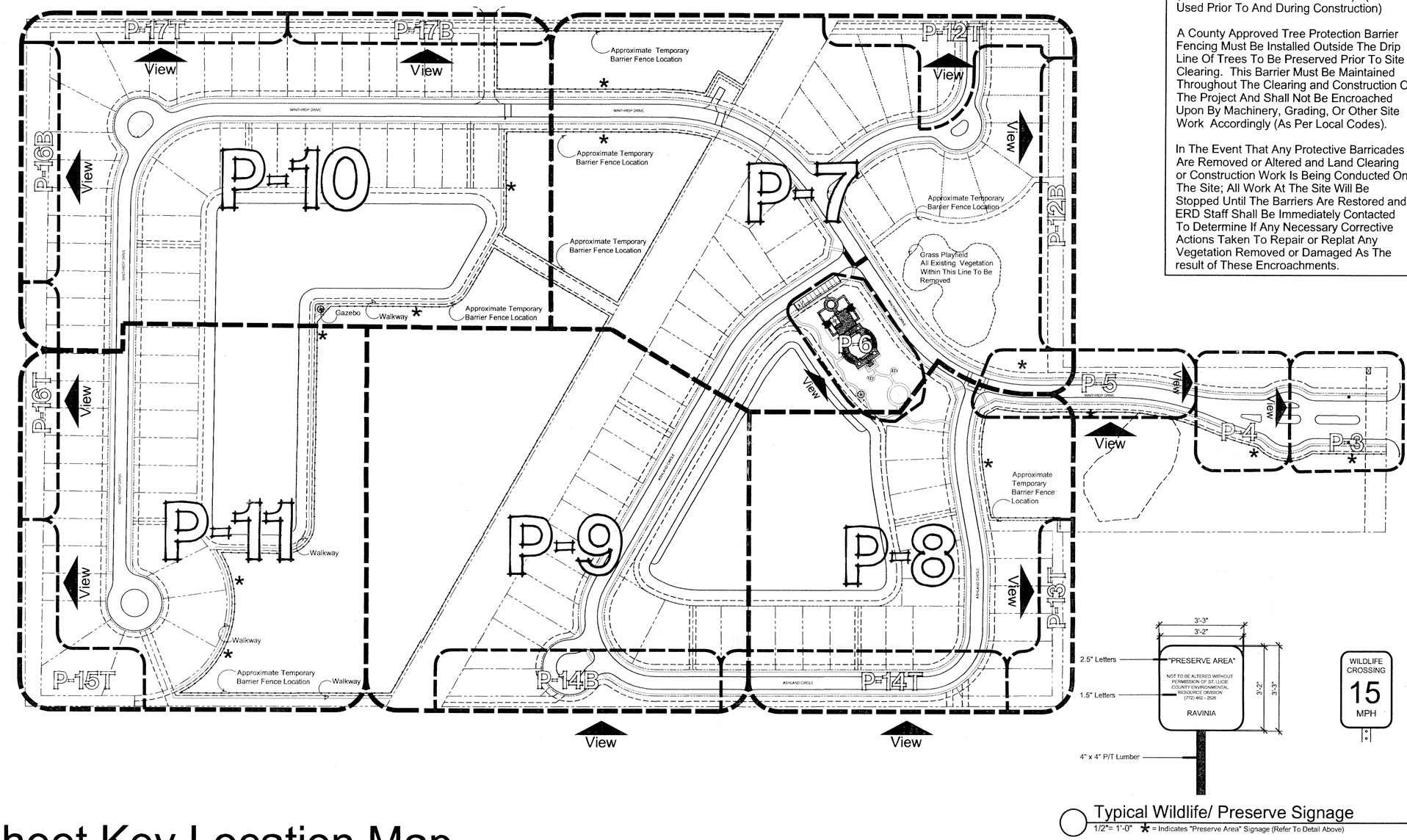
Sheet:
P-1
Of: 21



Temporary Tree Protection Barriers Note:
(Refer To 'Sheet P-19' For Details) - (To Be Used Prior To And During Construction)

A County Approved Tree Protection Barrier Fencing Must Be Installed Outside The Drip Line Of Trees To Be Preserved Prior To Site Clearing. This Barrier Must Be Maintained Throughout The Clearing and Construction Of The Project And Shall Not Be Encroached Upon By Machinery, Grading, Or Other Site Work Accordingly (As Per Local Codes).

In The Event That Any Protective Barricades Are Removed or Altered and Land Clearing or Construction Work Is Being Conducted On The Site; All Work At The Site Will Be Stopped Until The Barriers Are Restored and ERD Staff Shall Be Immediately Contacted To Determine If Any Necessary Corrective Actions Taken To Repair or Replat Any Vegetation Removed or Damaged As The result of These Encroachments.

Typical Wildlife/ Preserve Signage
1/2"= 1'-0" * = Indicates "Preserve Area" Signage (Refer To Detail Above)

Sheet Key Location Map

(Main Entrance - Sheets 'P-3' thru 'P-5'; Recreaction Area - Sheet 'P-6'; Overall Common Areas - Sheets 'P-7' thru 'P-11'; and Perimeter Buffers - Sheets 'P-12' thru 'P-17')

(This "Sheet Key Location Map" Is Intended Solely To Provide The Locations Of Each Individual Sheet Included Within The 'Limits Of Contract Area' As Indexed On The "Cover Sheet / Legend Of Drawings" Sheet Accordingly. This Serves Only As A Guide.)

PRELIMINARY
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APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Joanne Hutchinson
Chairman

NORTH
Scale 1"=100'

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
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Landscape Architecture/
Land Planning and Consulting/
Site Plan Graphics

Sanctuary Centre
4800 North Federal Highway
Suite 105B
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(561) 417 5470
mschale@mtschale.com

Master Sheet Key Location Map

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
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28 February 2005
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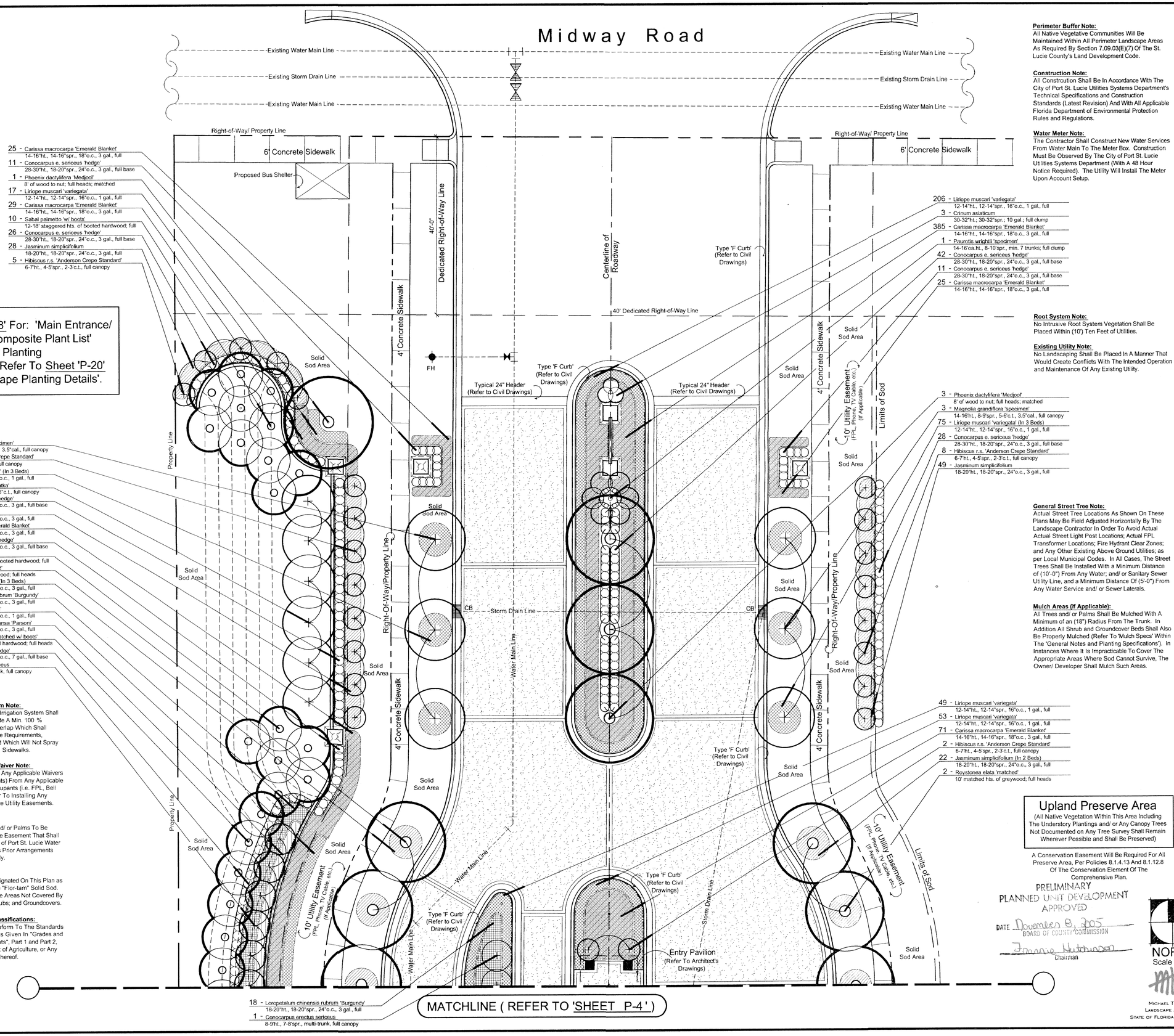
Sheet:
P-2
Of: 21



Refer To Sheet 'P-18' For: 'Main Entrance/ Roadway Areas - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

25 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
11 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
1 - Phoenix dactylifera 'Medjool'
8' of wood to nut; full heads; matched
17 - Liriope muscari 'variegata'
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
29 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
10 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
26 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
28 - Jasminum simplicifolium
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
5 - Hibiscus r.s. 'Anderson Crepe Standard'
6-7'ht., 4-5'spr., 2-3'c.t., full canopy

206 - Liriope muscari 'variegata'
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
3 - Crinum asiaticum
30-32"ht.; 30-32"spr.; 10 gal.; full clump
385 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
1 - Paurotis wrightii 'specimen'
14-16'oa.ht., 8-10'spr., min. 7 trunks; full clump
42 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
11 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
25 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full

3 - Phoenix dactylifera 'Medjool'
8' of wood to nut; full heads; matched
3 - Magnolia grandiflora 'specimen'
14-16'ht., 8-9'spr., 5-6'c.t., 3.5"cal., full canopy
75 - Liriope muscari 'variegata' (In 3 Beds)
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
28 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
8 - Hibiscus r.s. 'Anderson Crepe Standard'
6-7'ht., 4-5'spr., 2-3'c.t., full canopy
49 - Jasminum simplicifolium
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full

3 - Magnolia grandiflora 'specimen'
14-16'ht., 8-9'spr., 5-6'c.t., 3.5"cal., full canopy
8 - Hibiscus r.s. 'Anderson Crepe Standard'
6-7'ht., 4-5'spr., 2-3'c.t., full canopy
75 - Liriope muscari 'variegata' (In 3 Beds)
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
6 - Ilex x attenuata 'East Palatka'
12'ht., 7-8'spr., 6-7'c.t., 5-6'c.t., full canopy
28 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
49 - Jasminum simplicifolium
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
91 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
9 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
6 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
2 - Roystonea elata 'matched'
10' matched hts. of greywood; full heads
33 - Jasminum simplicifolium (In 3 Beds)
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
34 - Loropetalum chinensis rubrum 'Burgundy'
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
45 - Liriope muscari 'variegata'
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
34 - Juniperus squamata expansa 'Parsoni'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
6 - Washingtonia robusta 'matched w/ boots'
14' matched hts.of booted hardwood; full heads
26 - Viburnum suspensum 'hedge'
36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
6 - Conocarpus erectus sericeus
8-9'ht., 7-8'spr., multi-trunk, full canopy

49 - Liriope muscari 'variegata'
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
53 - Liriope muscari 'variegata'
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
71 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
2 - Hibiscus r.s. 'Anderson Crepe Standard'
6-7'ht., 4-5'spr., 2-3'c.t., full canopy
22 - Jasminum simplicifolium (In 2 Beds)
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
2 - Roystonea elata 'matched'
10' matched hts. of greywood; full heads

18 - Loropetalum chinensis rubrum 'Burgundy'
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
1 - Conocarpus erectus sericeus
8-9'ht., 7-8'spr., multi-trunk, full canopy

Automatic Irrigation System Note:
An Automatic Underground Irrigation System Shall Be Installed and Shall Provide A Min. 100 % Coverage and With 50 % Overlap Which Shall Conform To All Current Code Requirements, Including a Main Switch, and Which Will Not Spray On Any Pavement Including Sidewalks.

Private Utility Easement Waiver Note:
The Developer Shall Obtain Any Applicable Waivers (Liability Release Agreements) From Any Applicable Private Utility Easement Occupants (i.e. FPL, Bell South, TV Cable, etc...) Prior To Installing Any Vegetation Within The Private Utility Easements.

Drainage Easement Note:
There Shall Be No Trees and/ or Palms To Be Planted Within Any Drainage Easement That Shall Be Maintained By The "City of Port St. Lucie Water Utilities Department" Unless Prior Arrangements Have Been Made Accordingly.

Solid Sod Note:
All Solid Sod Areas, as Designated On This Plan as "Sod", Shall Be St.Augustine "Flor-tam" Solid Sod. Solid Sod Shall Cover Those Areas Not Covered By Trees; Palms; Accents; Shrubs; and Groundcovers.

Grades and Standards Classifications:
All Plant Materials Shall Conform To The Standards For Florida No.1 or Better As Given In "Grades and Standards For Nursery Plants", Part 1 and Part 2, State of Florida Department of Agriculture, or Any Subsequent Amendments Thereof.

Perimeter Buffer Note:
All Native Vegetative Communities Will Be Maintained Within All Perimeter Landscape Areas As Required By Section 7.09.03(E)(7) Of The St. Lucie County's Land Development Code.

Construction Note:
All Constrcution Shall Be In Accordance With The City of Port St. Lucie Utilities Systems Department's Technical Specifications and Construction Standards (Latest Revision) And With All Applicable Florida Department of Environmental Protection Rules and Regulations.

Water Meter Note:
The Contractor Shall Construct New Water Services From Water Main To The Meter Box. Construction Must Be Observed By The City of Port St. Lucie Utilities Systems Department (With A 48 Hour Notice Required). The Utility Will Install The Meter Upon Account Setup.

Root System Note:
No Intrusive Root System Vegetation Shall Be Placed Within (10') Ten Feet of Utilities.

Existing Utility Note:
No Landscaping Shall Be Placed In A Manner That Would Create Conflicts With The Intended Operation and Maintenance Of Any Existing Utility.

General Street Tree Note:
Actual Street Tree Locations As Shown On These Plans May Be Field Adjusted Horizontally By The Landscape Contractor In Order To Avoid Actual Actual Street Light Post Locations; Actual FPL Transformer Locations; Fire Hydrant Clear Zones; and Any Other Existing Above Ground Utilities; as per Local Municipal Codes. In All Cases, The Street Trees Shall Be Installed With a Minimum Distance of (10'-0") From Any Water; and/ or Sanitary Sewer Utility Line, and a Minimum Distance Of (5'-0") From Any Water Service and/ or Sewer Laterals.

Mulch Areas (If Applicable):
All Trees and/ or Palms Shall Be Mulched With A Minimum of an (18") Radius From The Trunk. In Addition All Shrub and Groundcover Beds Shall Also Be Properly Mulched (Refer To 'Mulch Specs' Within The 'General Notes and Planting Specifications'). In Instances Where It Is Impracticable To Cover The Appropriate Areas Where Sod Cannot Survive, The Owner/ Developer Shall Mulch Such Areas.

Upland Preserve Area
(All Native Vegetation Within This Area Including The Understory Plantings and/ or Any Canopy Trees Not Documented on Any Tree Survey Shall Remain Wherever Possible and Shall Be Preserved)

A Conservation Easement Will Be Required For All Preserve Area, Per Policies 8.1.4.13 And 8.1.12.8 Of The Conservation Element Of The Comprehensive Plan.

PRELIMINARY
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APPROVED
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BOARD OF COUNTY COMMISSION
Jeannie Hutchinson
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NORTH
Scale 1"=10'

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mschale@mtschale.com

Main Entrance Area - Northside - Landscape Planting Plan (1 of 3)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
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Sheet:
P-3
Of: 21

Private Utility Easement Waiver Note:
The Developer Shall Obtain Any Applicable Waivers (Liability Release Agreements) From Any Applicable Private Utility Easement Occupants (i.e. FPL, Bell South, TV Cable, etc...) Prior To Installing Any Vegetation Within The Private Utility Easements.

Drainage Easement Note:
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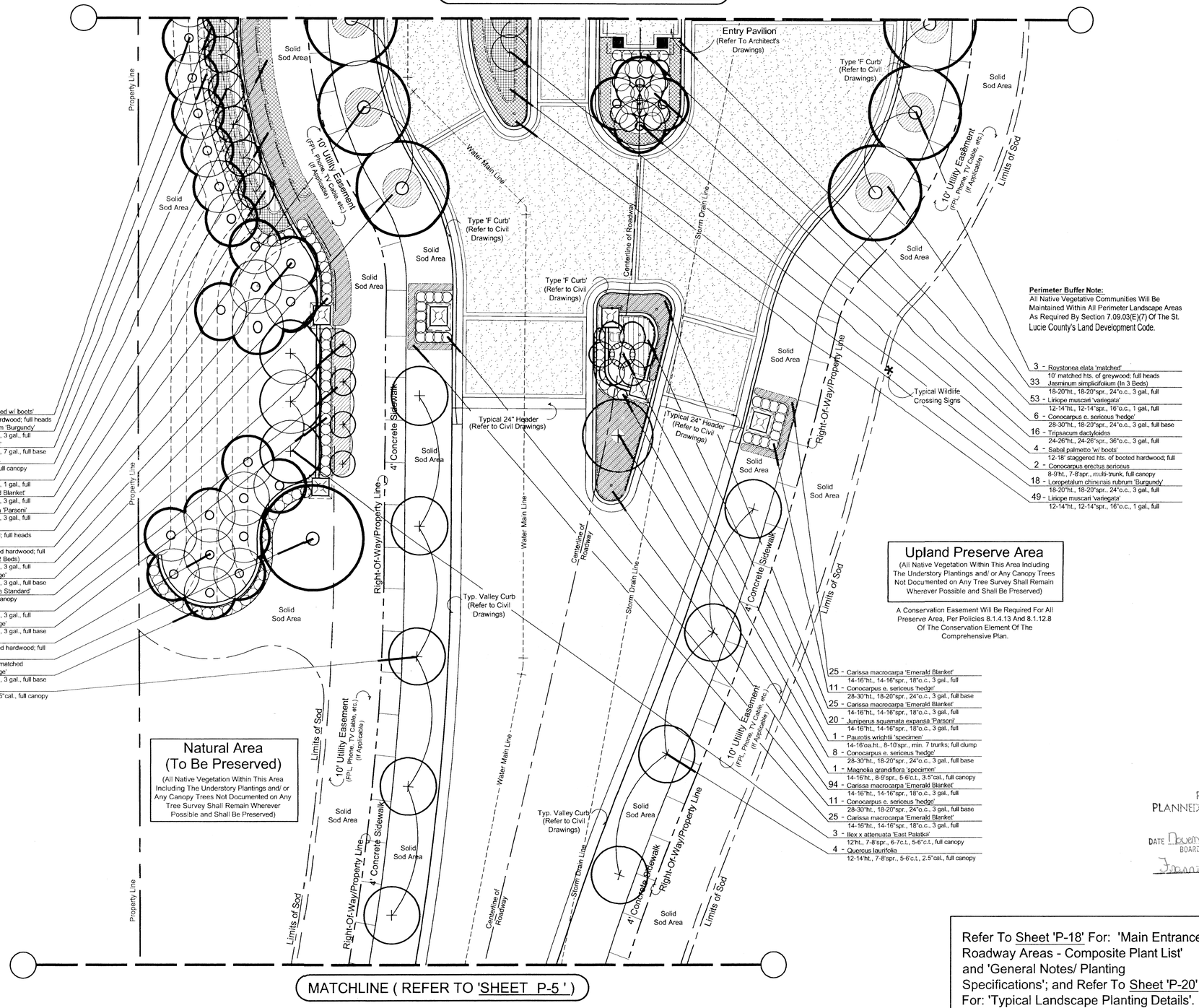
Mulch Areas (If Applicable):
All Trees and/ or Palms Shall Be Mulched With A Minimum of an (18") Radius From The Trunk. In Addition All Shrub and Groundcover Beds Shall Also Be Properly Mulched (Refer To 'Mulch Specs' Within The 'General Notes and Planting Specifications'). In Instances Where It Is Impracticable To Cover The Appropriate Areas Where Sod Cannot Survive, The Owner/ Developer Shall Mulch Such Areas.

MATCHLINE (REFER TO 'SHEET P-3 ')



6 - Washingtonia robusta 'matched w/ boots'
14' matched hts.of booted hardwood; full heads
34 - Loropetalum chinensis rubrum 'Burgundy'
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
26 - Viburnum suspensum 'hedge'
36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
6 - Conocarpus erectus sericeus
8-9'ht., 7-8'spr., multi-trunk, full canopy
45 - Liriope muscari 'variegata'
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
91 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
52 - Juniperus squamata expansa 'Parsoni'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
3 - Roystonea elata 'matched'
10' matched hts. of greywood; full heads
6 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
22 - Jasminum simplicifolium (In 2 Beds)
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
9 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
4 - Hibiscus r.s. 'Anderson Crepe Standard'
6-7'ht., 4-5'spr., 2-3'c.t., full canopy
23 - Jasminum simplicifolium
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
14 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
10 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
1 - Phoenix dactylifera 'Medjool'
8' of wood to nut; full heads; matched
26 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
5 - Quercus laurifolia
12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy

3 - Roystonea elata 'matched'
10' matched hts. of greywood; full heads
33 - Jasminum simplicifolium (In 3 Beds)
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
53 - Liriope muscari 'variegata'
12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
6 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
16 - Tripsacum dactyloides
24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
4 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
2 - Conocarpus erectus sericeus
8-9'ht., 7-8'spr., multi-trunk, full canopy
18 - Loropetalum chinensis rubrum 'Burgundy'
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
49 - Liriope muscari 'variegata'
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25 - Carissa macrocarpa 'Emerald Blanket'
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14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
20 - Juniperus squamata expansa 'Parsoni'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
1 - Paurotis wrightii 'specimen'
14-16'oa.ht., 8-10'spr., min. 7 trunks; full clump
8 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
1 - Magnolia grandiflora 'specimen'
14-16'ht., 8-9'spr., 5-6'c.t., 3.5"cal., full canopy
94 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
11 - Conocarpus e. sericeus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
25 - Carissa macrocarpa 'Emerald Blanket'
14-16"ht., 14-16"spr., 18"o.c., 3 gal., full
3 - Ilex x attenuata 'East Palatka'
12'ht., 7-8'spr., 6-7'c.t., 5-6"c.t., full canopy
4 - Quercus laurifolia
12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy

Perimeter Buffer Note:
All Native Vegetative Communities Will Be Maintained Within All Perimeter Landscape Areas As Required By Section 7.09.03(E)(7) Of The St. Lucie County's Land Development Code.

Automatic Irrigation System Note:
An Automatic Underground Irrigation System Shall Be Installed and Shall Provide A Min. 100 % Coverage and With 50 % Overlap Which Shall Conform To All Current Code Requirements, Including a Main Switch, and Which Will Not Spray On Any Pavement Including Sidewalks.

Root System Note:
No Intrusive Root System Vegetation Shall Be Placed Within (10') Ten Feet of Utilities.

Existing Utility Note:
No Landscaping Shall Be Placed In A Manner That Would Create Conflicts With The Intended Operation and Maintenance Of Any Existing Utility.

Construction Note:
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Water Meter Note:
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MATCHLINE (REFER TO 'SHEET P-5 ')

Refer To Sheet 'P-18' For: 'Main Entrance/ Roadway Areas - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

PRELIMINARY
PLANNED U.N.I.T DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Jeannie Hutchinson
Chairman

NORTH
Scale 1"=10'

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
Landscape Architect
and Associates, P.A.

Landscape Architecture/ Land Planning and Consulting/ Site Plan Graphics

Sanctuary Centre
4800 North Federal Highway
Suite 105B
Boca Raton, Florida 33431
(561) 417 5470
mschale@mtschale.com

Main Entrance Area - Southside - Landscape Planting Plan (2 of 3)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

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Sheet:
P-4
Of: 21

Private Utility Easement Waiver Note:
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Drainage Easement Note:
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Solid Sod Note:
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Grades and Standards Classifications:
All Plant Materials Shall Conform To The Standards For Florida No.1 or Better. As Given In "Grades and Standards For Nursery Plants", Part 1 and Part 2, State of Florida Department of Agriculture, or Any Subsequent Amendments Thereof.

General Street Tree Note:
Actual Street Tree Locations As Shown On These Plans May Be Field Adjusted Horizontally By The Landscape Contractor In Order To Avoid Actual Actual Street Light Post Locations; Actual FPL Transformer Locations; Fire Hydrant Clear Zones; and Any Other Existing Above Ground Utilities; as per Local Municipal Codes. In All Cases, The Street Trees Shall Be Installed With a Minimum Distance of (10'-0") From Any Water; and/ or Sanitary Sewer Utility Line, and a Minimum Distance Of (5'-0") From Any Water Service and/ or Sewer Laterals.

Mulch Areas (If Applicable):
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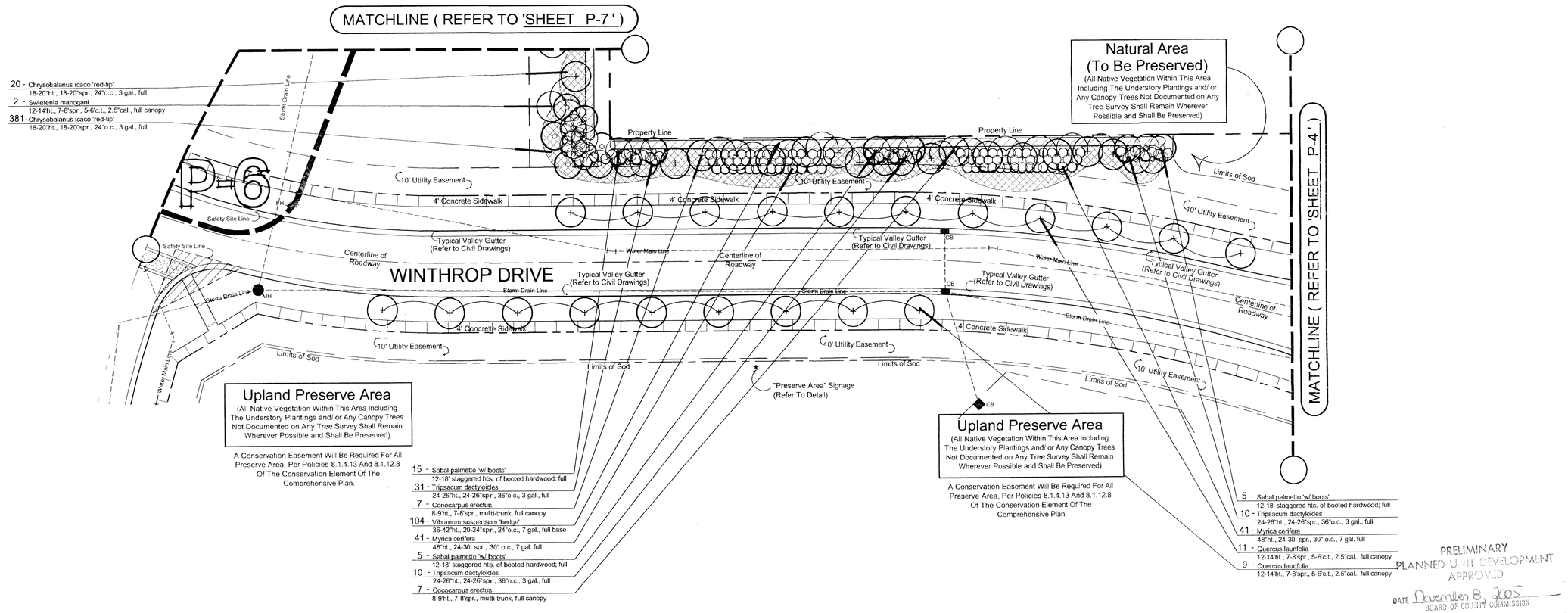

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Jeanne Nuthmann
Chairman

Refer To Sheet 'P-18' For: 'Main Entrance/ Roadway Areas - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

NORTH
Scale 1"=20'

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

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and Associates, P.A.

Landscape Architecture/
Land Planning and Consulting/
Site Plan Graphics

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4800 North Federal Highway
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Boca Raton, Florida 33431
(561) 417 5470
mschale@mtschale.com

Main Entrance Area - Roadway Landscape Planting Plan (3 of 3)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
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Sheet:
P-5
Of: 21

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Existing Utility Note:
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- 3 - Quercus laurifolia
  12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy
- 25 - Philodendron 'xanadu'
  20-24"ht., 20-24"spr., 30"o.c., 3 gal., full
- 1 - Paurotis wrightii
  12-14'o.a., 6-7'spr., 7 stems min, full clump
- 29 - Philodendron 'xanadu'
  20-24"ht., 20-24"spr., 30"o.c., 3 gal., full
- 1 - Paurotis wrightii
  12-14'o.a., 6-7'spr., 7 stems min, full clump
- 2 - Strelitzia nicolae
  6-7'ht., 4-5'spr., 15 gal., full
- 2 - Cupressus sempervirens
  10' hts., 24" sprd.; spiral clipped column
- 27 - Philodendron selloum
  26-28"ht., 26-28"spr.; 36"o.c.; 3 gal.; full
- 4 - Roystonea elata 'staggered'
  4-6' staggered hts. of greywood; full heads
- 124 - Chrysobalanus icaco 'red-tip' (2 Beds)
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 94 - Liriope muscari 'variegata' (2 Beds)
  12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
- 2 - Magnolia grandiflora 'specimen'
  14-16'ht., 8-9'spr., 5-6'c.t., 3.5"cal., full canopy

- 22 - Jasminum simplicifolium
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 15 - Viburnum suspensum 'hedge'
  36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
- 20 - Nephrolepis falcata 'furcans' (2 Beds)
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 1 - Lagerstroemia indica
  8-9'ht., 8-9'spr., multi-trunk, full canopy
- 3 - Hibiscus r.s. 'Seminole Pink'
  6-7'ht., 5-6'spr., 3c.t., B&B, full canopy

- 16 - Ixora taiwaniensis
  16-18"ht., 12-14"spr., 18"o.c., 3 gal., full
- 3 - Roystonea elata 'staggered'
  4-6' staggered hts. of greywood; full heads
- 23 - Liriope m. 'evergreen giant'
  10-12"ht., 10-12"spr., 16"o.c., 1 gal., full
- 5 - Viburnum suspensum 'hedge'
  36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
- 25 - Philodendron selloum
  26-28"ht.; 26-28"spr.; 36"o.c.; 3 gal.; full
- 4 - Roystonea elata 'matched'
  10'hts. of greywood, matched full heads
- 3 - Quercus laurifolia
  12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy
- 32 - Nephrolepis falcata 'furcans' (4 Beds)
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full

- 13 - Quercus laurifolia
  12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy
- 170 - Jasminum simplicifolium
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 6 - Roystonea elata 'staggered'
  4-6' staggered hts. of greywood; full heads
- 27 - Philodendron selloum
  26-28"ht.; 26-28"spr.; 36"o.c.; 3 gal.; full
- 52 - Ixora taiwaniensis
  16-18"ht., 12-14"spr., 18"o.c., 3 gal., full
- 9 - Viburnum suspensum 'hedge'
  36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
- 22 - Philodendron selloum
  26-28"ht.; 26-28"spr.; 36"o.c.; 3 gal.; full

- 26 - Chrysobalanus icaco 'red-tip'
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 8 - Sabal palmetto 'w/ boots'
  12-18' staggered hts. of booted hardwood; full
- 16 - Tripsacum dactyloides
  24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
- 14 - Tripsacum dactyloides
  24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
- 8 - Sabal palmetto 'w/ boots'
  12-18' staggered hts. of booted hardwood; full
- 20 - Quercus laurifolia
  12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy

- 2 - Lagerstroemia indica
  8-9'ht., 8-9'spr., multi-trunk, full canopy
- 10 - Viburnum suspensum 'hedge'
  36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
- 1 - Strelitzia nicolae
  6-7'ht., 4-5'spr., 15 gal., full
- 6 - Liriope muscari 'variegata' (2 Beds)
  12-14"ht., 12-14"spr., 16"o.c., 1 gal., full
- 55 - Chrysobalanus icaco 'red-tip' (2 Beds)
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 9 - Viburnum suspensum 'hedge'
  36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
- 50 - Philodendron selloum
  26-28"ht.; 26-28"spr.; 36"o.c.; 3 gal.; full

- 4 - Roystonea elata 'staggered'
  4-6' staggered hts. of greywood; full heads
- 22 - Philodendron selloum
  26-28"ht.; 26-28"spr.; 36"o.c.; 3 gal.; full
- 22 - SF Seasonal color - qty.to fill area (2 Beds)
  color and type to be selected by owner
- 2 - Roystonea elata 'matched'
  10'hts. of greywood, matched full heads
- 54 - Philodendron 'xanadu'
  20-24"ht., 20-24"spr., 30"o.c., 3 gal., full
- 2 - Paurotis wrightii
  12-14-o.a., 6-7'spr., 7 stems min, full clump
- 22 - Jasminum simplicifolium
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 15 - Viburnum suspensum 'hedge'
  36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base

- 5 - Viburnum suspensum 'hedge'
  36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
- 23 - Liriope m. 'evergreen giant'
  10-12"ht., 10-12"spr., 16"o.c., 1 gal., full
- 16 - Ixora taiwaniensis
  16-18"ht., 12-14"spr., 18"o.c., 3 gal., full
- 1 - Lagerstroemia indica
  8-9'ht., 8-9'spr., multi-trunk, full canopy
- 20 - Nephrolepis falcata 'furcans' (4 Beds)
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 3 - Hibiscus r.s. 'Seminole Pink'
  6-7'ht., 5-6'spr., 3c.t., B&B, full canopy

- 6 - Roystonea elata 'staggered'
  4-6' staggered hts. of greywood; full heads
- 13 - Tripsacum dactyloides
  24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
- 8 - Sabal palmetto 'w/ boots'
  12-18' staggered hts. of booted hardwood; full
- 44 - Chrysobalanus icaco 'red-tip' (2 Beds)
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 13 - Tripsacum dactyloides
  24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
- 8 - Sabal palmetto 'w/ boots'
  12-18' staggered hts. of booted hardwood; full
- 173 - Jasminum simplicifolium
  18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
- 36 - Viburnum suspensum 'hedge'
  36-42"ht., 20-24"spr., 24"o.c., 7 gal., full base
- 24 - Philodendron selloum
  26-28"ht.; 26-28"spr.; 36"o.c.; 3 gal.; full
- 3 - Roystonea elata 'staggered'
  4-6' staggered hts. of greywood; full heads

- 8 - Sabal palmetto 'w/ boots'
  12-18' staggered hts. of booted hardwood; full
- 13 - Tripsacum dactyloides
  24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
- 13 - Tripsacum dactyloides
  24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
- 8 - Sabal palmetto 'w/ boots'
  12-18' staggered hts. of booted hardwood; full

Refer To Sheet 'P-18' For: 'Main Entrance/ Roadway Areas - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

PRELIMINARY
PLANNED U[illegible] DEVELOPMENT
APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Jennie Hutchinson
Chairman

NORTH
Scale 1"=10'

Michael T. Schale
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4800 North Federal Highway
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Reacreation Area - Landscape Planting Plan (1 of 1)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

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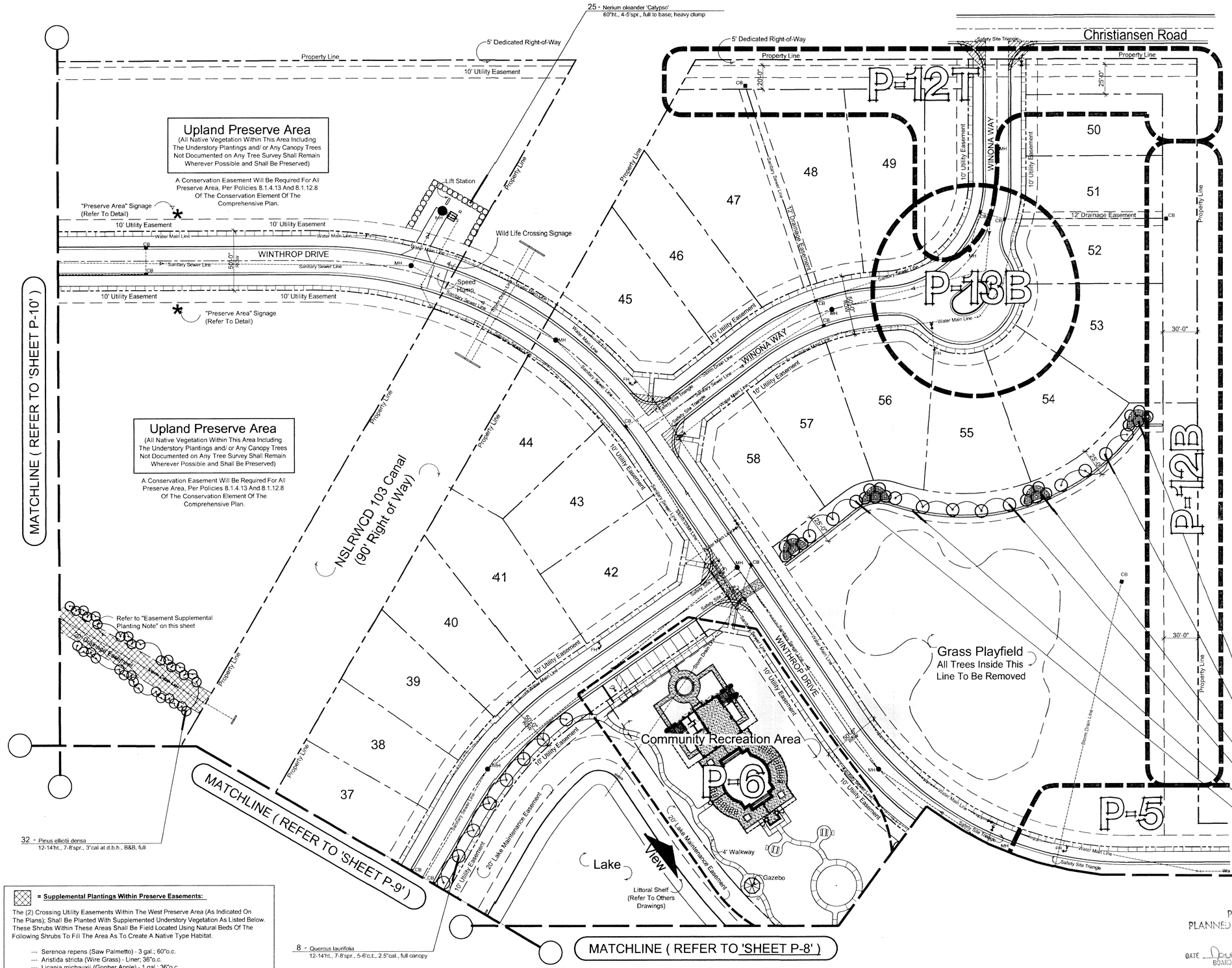
Sheet:
P-6
Of: 21



= **Supplemental Plantings Within Preserve Easements:**

The (2) Crossing Utility Easements Within The West Preserve Area (As Indicated On The Plans); Shall Be Planted With Supplemented Understory Vegetation As Listed Below. These Shrubs Within These Areas Shall Be Field Located Using Natural Beds Of The Following Shrubs To Fill The Area As To Create A Native Type Habitat.

--- Serenoa repens (Saw Palmetto) - 3 gal.; 60"o.c.
--- Aristida stricta (Wire Grass) - Liner; 36"o.c.
--- Licania michauxii (Gopher Apple) - 1 gal.; 36"o.c.
--- Opuntia humifusa (Prickly Pear) - 1 gal; 60"o.c.

Since There Are No Trees Allowed To Be Planted Within The Utility Easements Due To Pipe Placements and Restrictions; The Landscape Plan Also Depicts Florida Slash Pines To Be Planted Along The Edges As Shown.

Refer To Sheet 'P-19' For: 'Common Area/ Perimeter Buffer - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

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Joanne Hutchinson
Chairman

NORTH
Scale 1"=40'

Michael T. Schale
Landscape Architect
and Associates, P.A.

Landscape Architecture/
Land Planning and Consulting/
Site Plan Graphics

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(561) 417 5470
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Overall Common Area Landscape Planting Plan (1 of 5)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
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Sheet:
P-7
Of: 21

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

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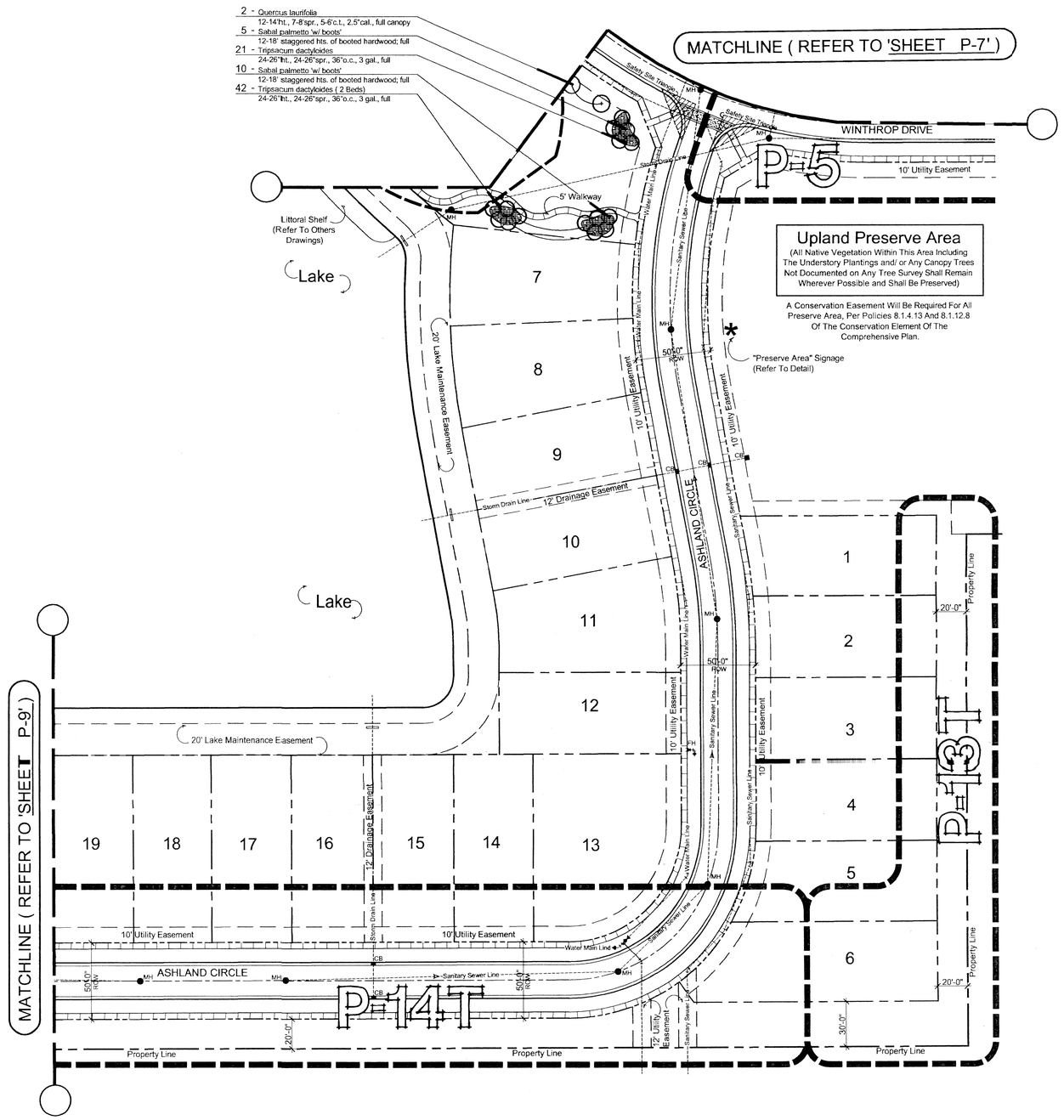

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Jeanne Hutchinson
Chairman

Refer To Sheet 'P-19' For: 'Common Area/ Perimeter Buffer - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

NORTH
Scale 1"=40'

MICHAEL T. SCHALE
LANDSCAPE ARCHITECT
STATE OF FLORIDA - LA 0001433

MICHAEL T. SCHALE
LANDSCAPE ARCHITECT
AND ASSOCIATES, P.A.

LANDSCAPE ARCHITECTURE/
LAND PLANNING AND CONSULTING/
SITE PLAN GRAPHICS

SANCTUARY CENTRE
4800 NORTH FEDERAL HIGHWAY
SUITE 105B
BOCA RATON, FLORIDA 33431
(561) 417 5470
MSCHALE@MTSCHALE.COM

Overall Common Area Landscape Planting Plan (2 of 5)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 SEPTEMBER 2005
12 JULY 2005
02 MAY 2005
28 FEBRUARY 2005
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REVISED DATES
8 OCTOBER 2004
ORIGINAL DATE
JA/ DC/ MTS
DRAWN BY

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Sheet:
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Of: 21

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MATCHLINE (REFER TO 'SHEET P-7')

MATCHLINE (REFER TO 'SHEET 11')

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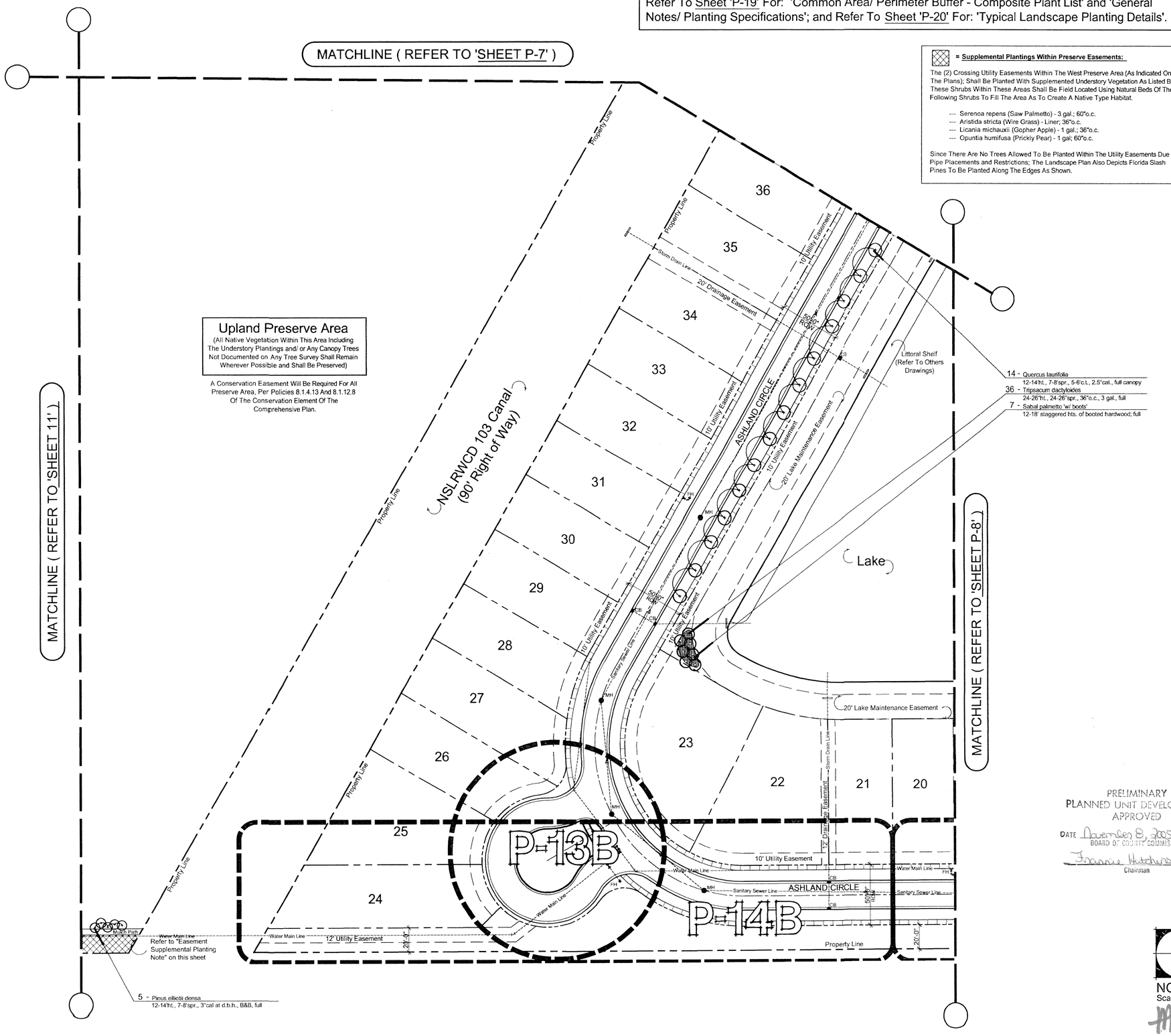

14 - Quercus laurifolia
12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy

36 - Tripsacum dactyloides
24-26"ht., 24-26"spr., 36"o.c., 3 gal., full

7 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full

5 - Pinus elliottii densa
12-14'ht., 7-8'spr., 3"cal at d.b.h., B&B, full

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NORTH
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Overall Common Area Landscape Planting Plan (3 of 5)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

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Sheet:
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Of: 21

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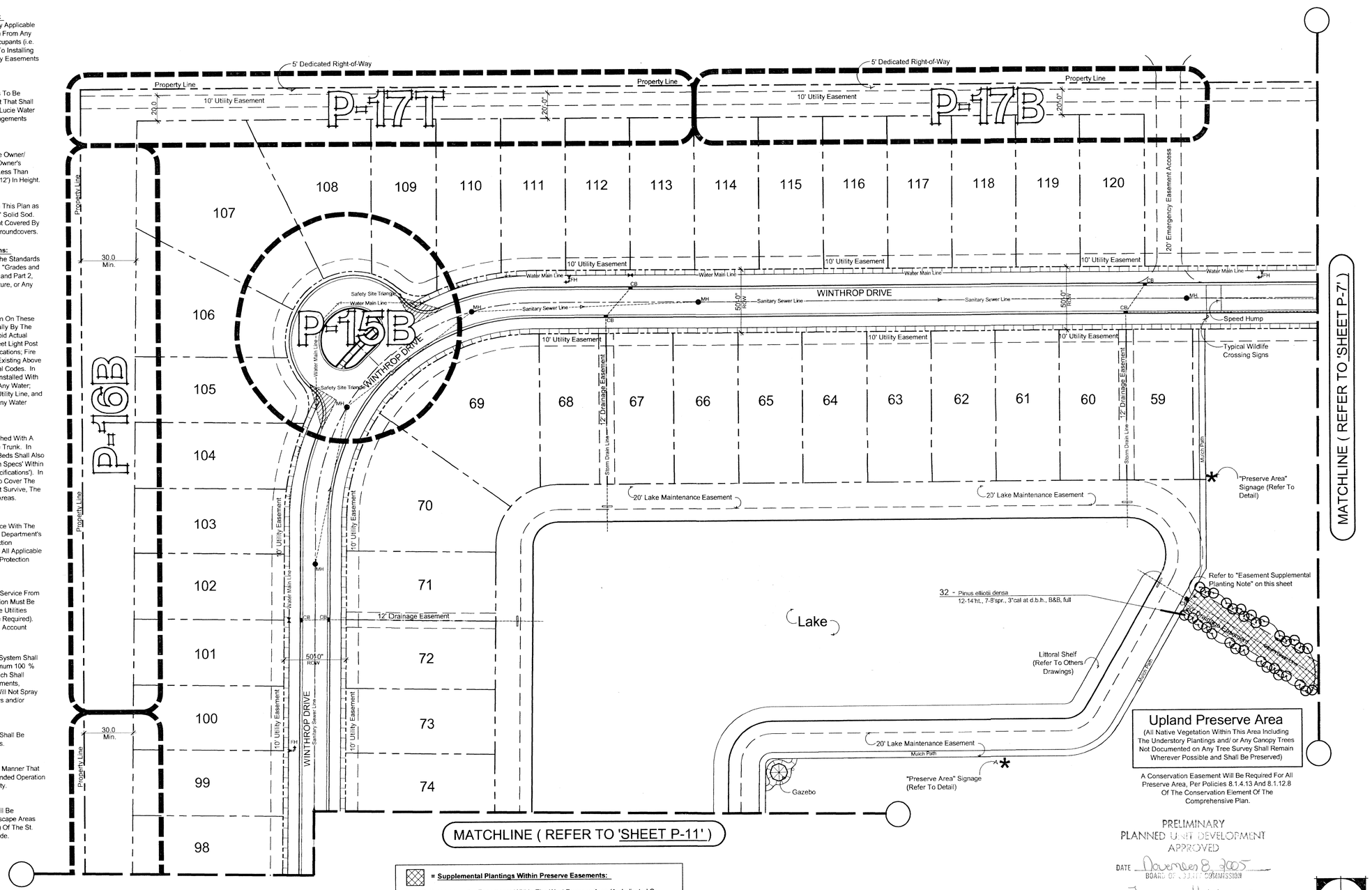

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NORTH
Scale 1"=40'

Michael T. Schale
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State of Florida - LA 0001433

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Overall Common Area Landscape Planting Plan (4 of 5)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
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Revised Dates
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Original Date
JA/ DC/ MTS
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Sheet:
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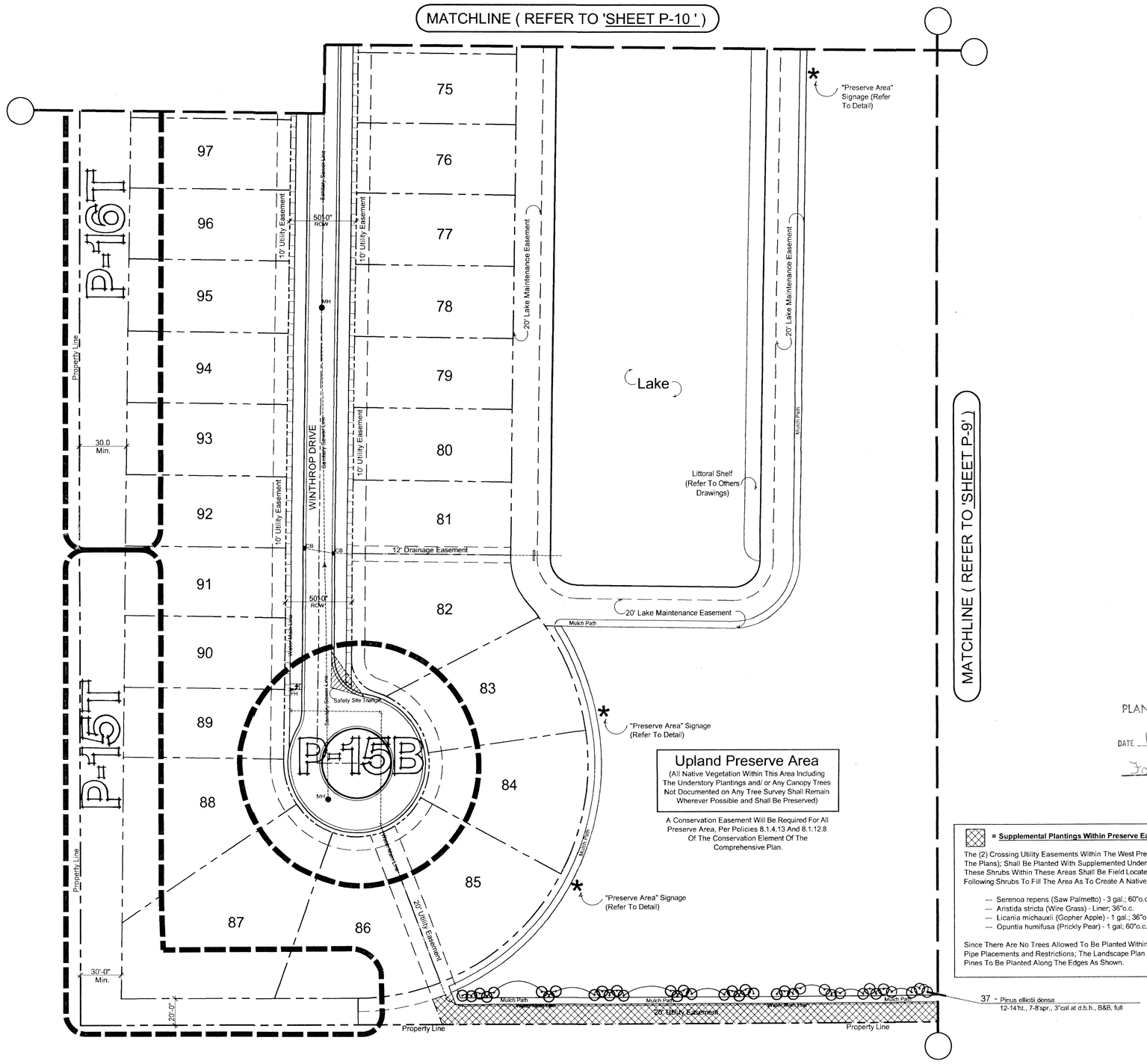

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Michael T. Schale
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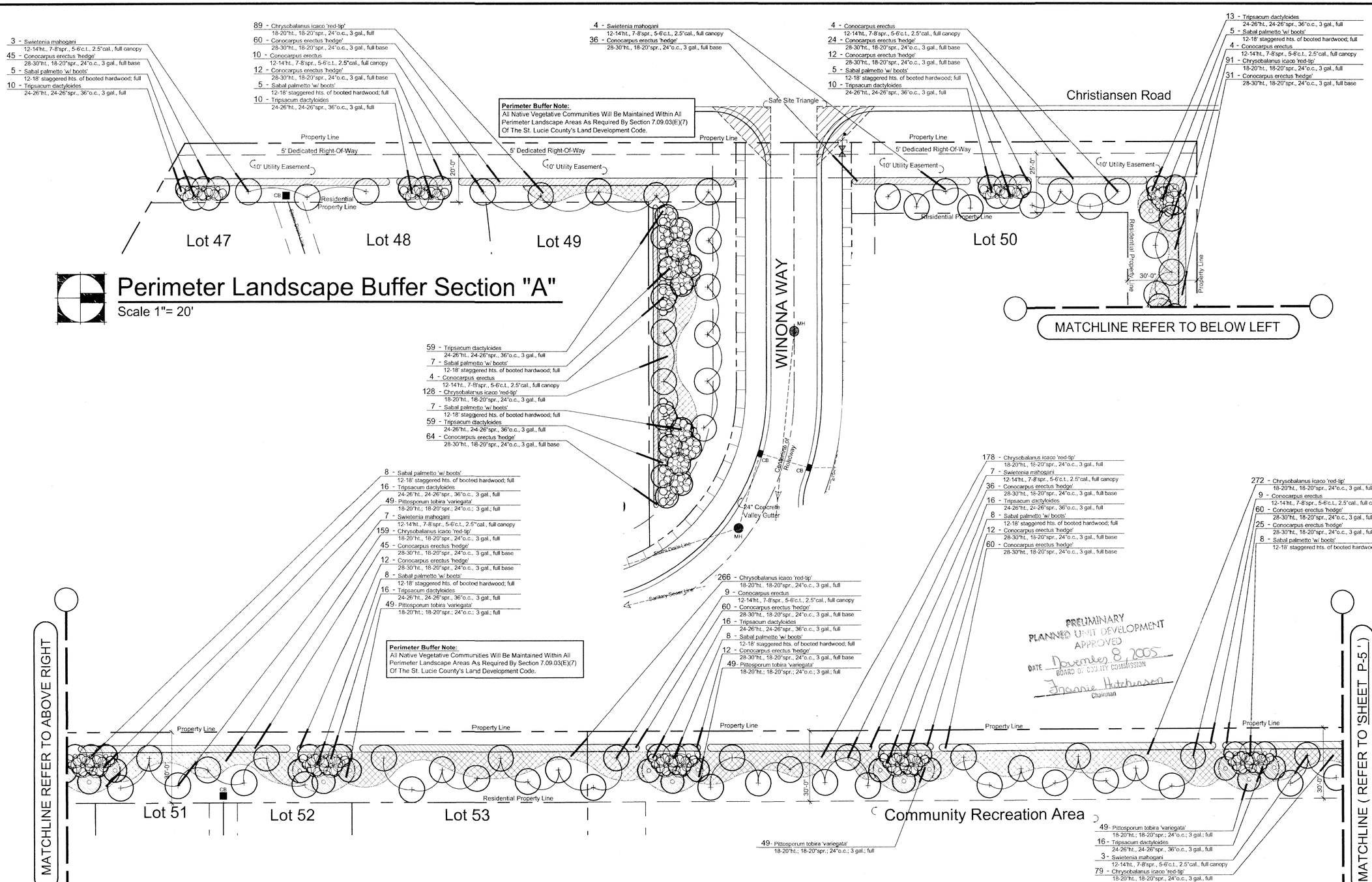

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Perimeter Landscape Buffer - Planting Plans (1 of 6)

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Perimeter Buffer Note:
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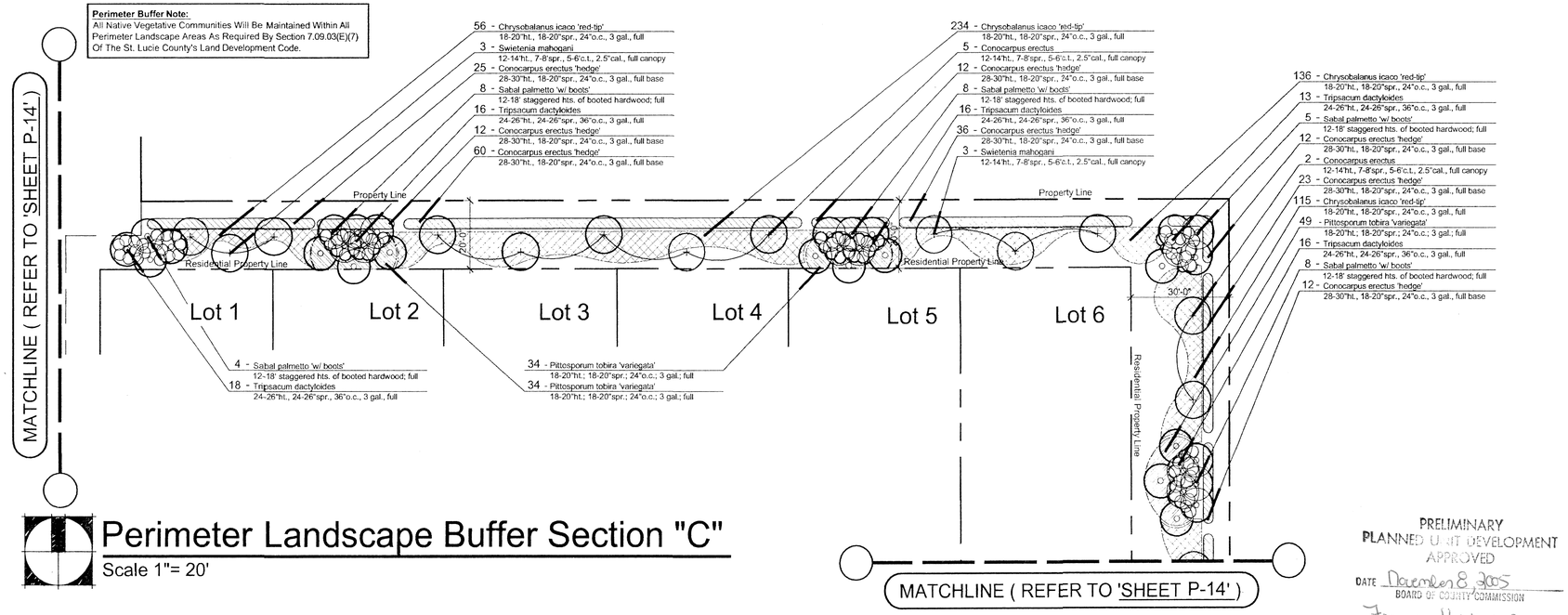
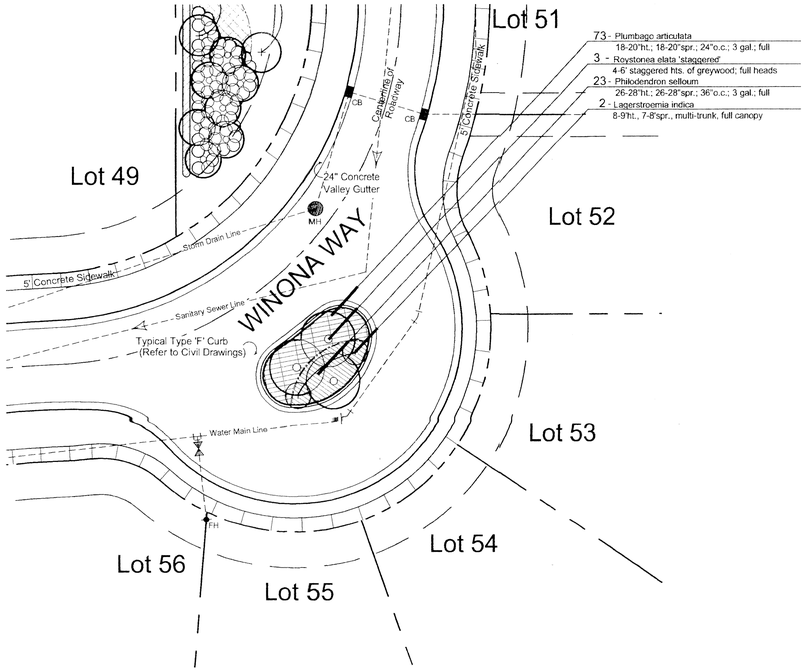
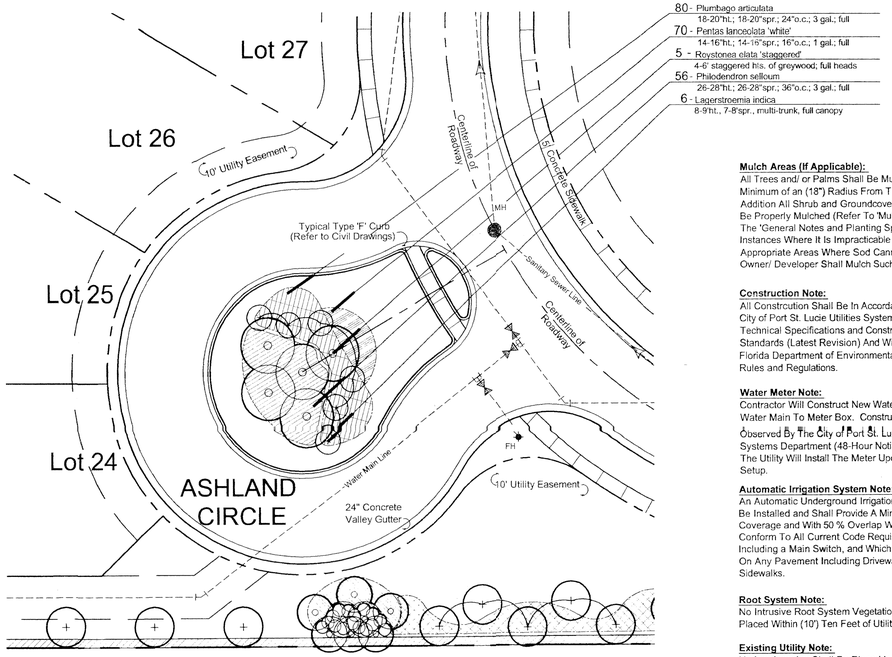


Perimeter Landscape Buffer Section "C"
Scale 1"= 20'

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE December 8 2005
BOARD OF COUNTY COMMISSION
Maurice Hutchinson
Chairman



Cul-De-Sac "1"
Scale 1"= 20'



Cul-De-Sac "2"
Scale 1"= 20'

Mulch Areas (If Applicable):
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Automatic Irrigation System Note:
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Root System Note:
No Intrusive Root System Vegetation Shall Be Placed Within (10') Ten Feet of Utilities.

Existing Utility Note:
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Refer To Sheet 'P-19' For: 'Common Area/ Perimeter Buffer - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
Landscape Architect
and Associates, P.A.

Landscape Architecture/
Land Planning and Consulting/
Site Plan Graphics

Sanctuary Centre
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(561) 417 5470
mschale@mtschale.com

Perimeter Landscape Buffer and Cul-de-sac - Planting Plans (2 of 6)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

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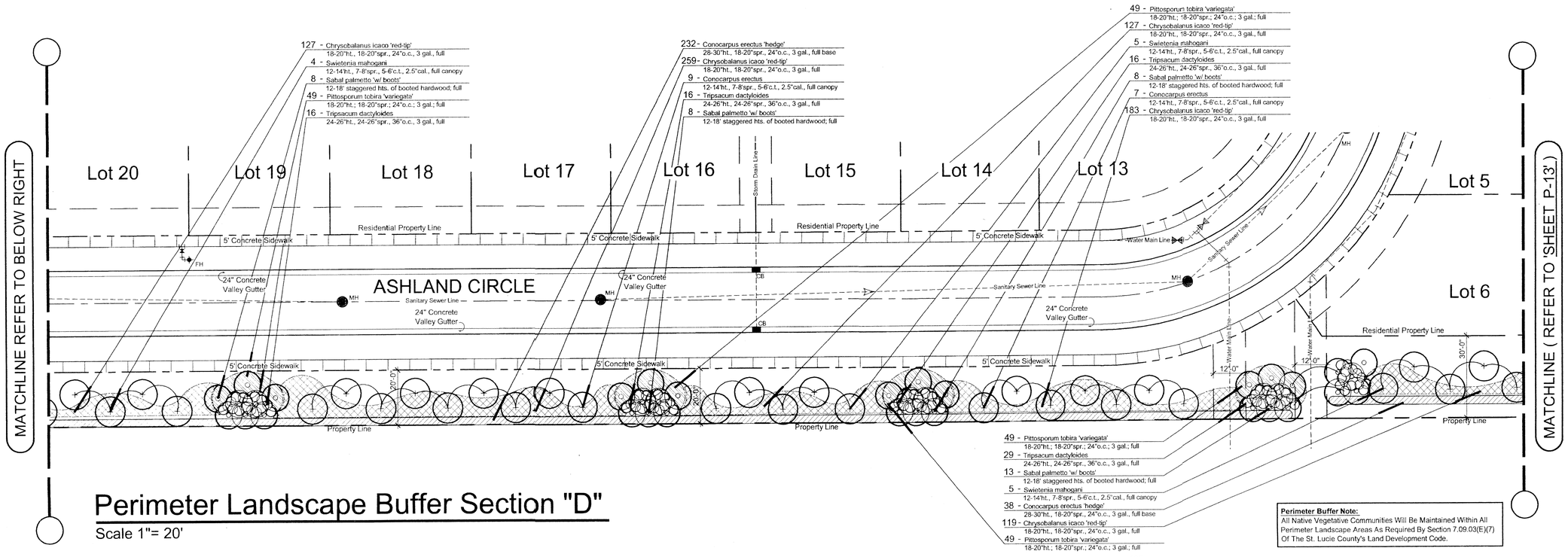
Sheet:
P-13
Of: 21



Perimeter Landscape Buffer Section "D"

Scale 1"= 20'

Perimeter Buffer Note:
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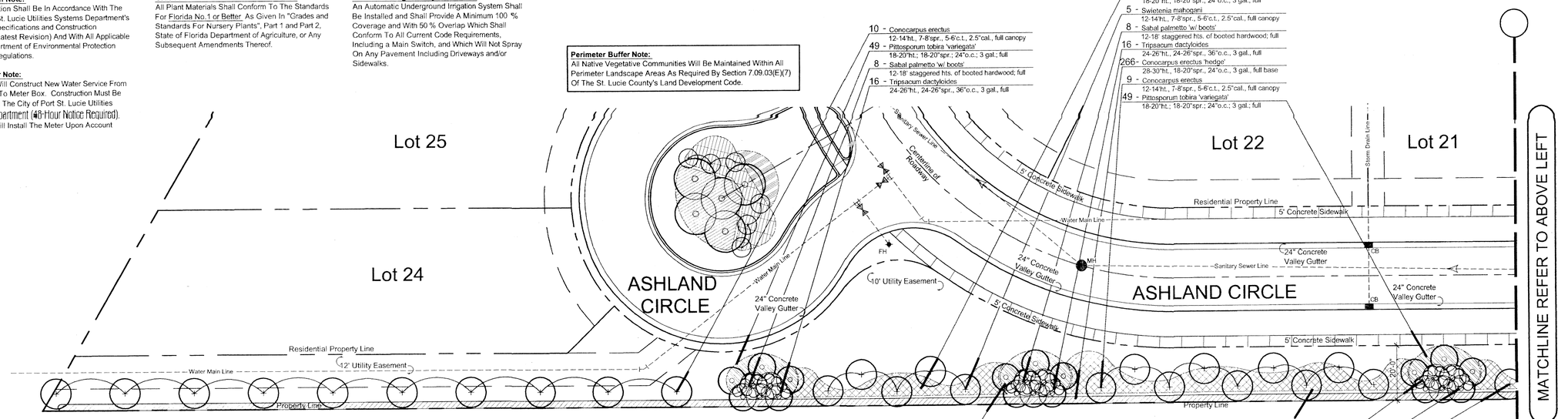

Perimeter Landscape Buffer Section "E"

Scale 1"= 20'

Private Utility Easement Waiver Note:
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Refer To Sheet 'P-19' For: 'Common Area/ Perimeter Buffer - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Frannie Hutchinson
Chairman

NORTH

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
Landscape Architect
and Associates, P.A.

Landscape Architecture/
Land Planning and Consulting/
Site Plan Graphics

Sanctuary Centre
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(561) 417 5470
mschale@mtschale.com

Perimeter Landscape Buffer - Planting Plans (3 of 6)

Ravinia

Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
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Revised Dates
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Sheet:
P-14
Of: 21

Perimeter Buffer Note:
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12 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
13 - Tripsacum dactyloides
24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
5 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
24 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
2 - Conocarpus erectus
12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy
12 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
5 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
16 - Tripsacum dactyloides
24-26"ht., 24-26"spr., 36"o.c., 3 gal., full

36 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
3 - Swietenia mahogani
12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy
12 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
5 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
16 - Tripsacum dactyloides
24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
60 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
5 - Conocarpus erectus
12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy

89 - Chrysobalanus icaco 'red-tip'
18-20"ht., 18-20"spr., 24"o.c., 3 gal., full
12 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
5 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
16 - Tripsacum dactyloides
24-26"ht., 24-26"spr., 36"o.c., 3 gal., full

Property Line
Residential Property Line
30.0' Min.
MATCHLINE (REFER TO 'SHEET P-16')
Lot 87
Lot 88
Lot 89
Lot 90
Lot 91

Perimeter Landscape Buffer Section "F"
Scale 1"= 20'

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2 - Conocarpus erectus
12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy
24 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
16 - Tripsacum dactyloides
24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
5 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
12 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base
3 - Swietenia mahogani
12-14'ht., 7-8'spr., 5-6'c.t., 2.5"cal., full canopy
36 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base

Property Line
Residential Property Line
20'-0"
Lot 86

16 - Tripsacum dactyloides
24-26"ht., 24-26"spr., 36"o.c., 3 gal., full
5 - Sabal palmetto 'w/ boots'
12-18' staggered hts. of booted hardwood; full
12 - Conocarpus erectus 'hedge'
28-30"ht., 18-20"spr., 24"o.c., 3 gal., full base

70 - Pentas lanceolata 'white'
14-16"ht.; 14-16"spr.; 16"o.c.; 1 gal.; full
5 - Roystonea elata 'staggered'
4-6' staggered hts. of greywood; full heads
56 - Philodendron selloum
26-28"ht.; 26-28"spr.; 36"o.c.; 3 gal.; full
80 - Plumbago articulata
18-20"ht.; 18-20"spr.; 24"o.c.; 3 gal.; full
6 - Lagerstroemia indica
8-9'ht., 7-8'spr., multi-trunk, full canopy

Lot 82
Lot 83
Lot 84
Lot 85
Lot 86
Lot 87
Lot 88
Lot 89
WINTHROP DRIVE
Centerline of Roadway
5' Concrete Sidewalk
Sanitary Sewer Line
Safety Site Triangle
Typical Type 'F' Curb (Refer to Civil Drawings)
FH
MH
Water Main Line

Cul-De-Sac "3"
Scale 1"= 20'

80 - Plumbago articulata
18-20"ht.; 18-20"spr.; 24"o.c.; 3 gal.; full
5 - Roystonea elata 'staggered'
4-6' staggered hts. of greywood; full heads
56 - Philodendron selloum
26-28"ht.; 26-28"spr.; 36"o.c.; 3 gal.; full
6 - Lagerstroemia indica
8-9'ht., 7-8'spr., multi-trunk, full canopy

Lot 108
Lot 109
Lot 107
Lot 106
Lot 105
WINTHROP DRIVE
Centerline of Roadway
5' Concrete Sidewalk
Sanitary Sewer Line
Water Main Line
Safety Site Triangle
Typical Type 'F' Curb (Refer to Civil Drawings)
MH

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Bonnie Hutchinson
Chairman

Cul-De-Sac "4"
Scale 1"= 20'

Refer To Sheet 'P-19' For: 'Common Area/ Perimeter Buffer - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
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and Associates, P.A.

Landscape Architecture/
Land Planning and Consulting/
Site Plan Graphics

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(561) 417 5470
mschale@mtschale.com

Perimeter Landscape Buffer and Cul-de-sac - Planting Plans (4 of 6)

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

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Sheet:
P-15
Of: 21

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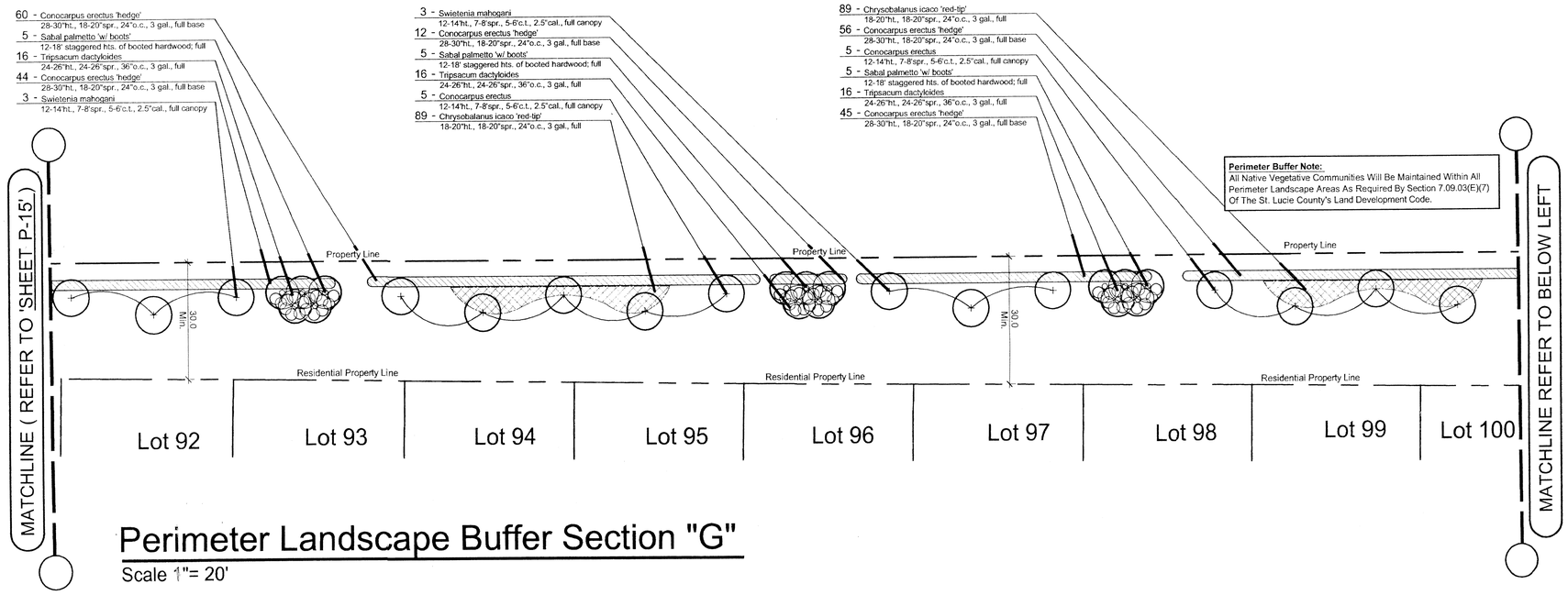
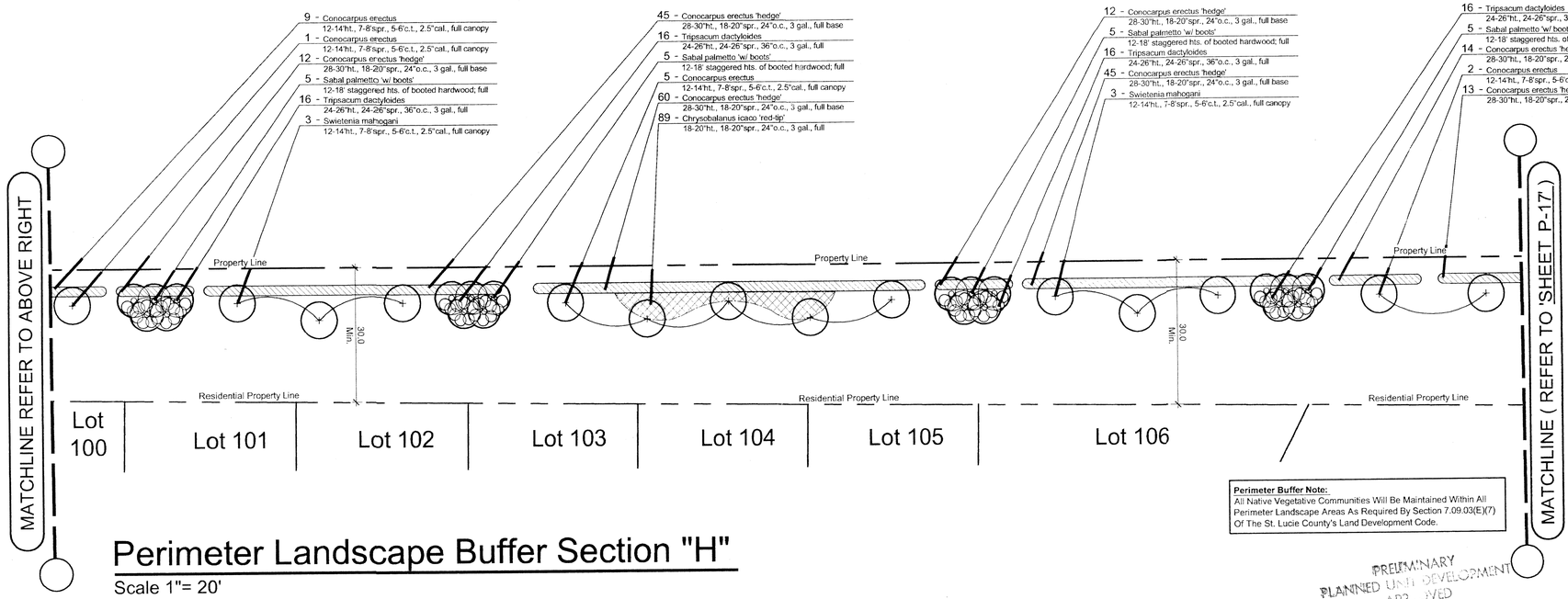


Perimeter Landscape Buffer Section "G"

Scale 1"= 20'



Perimeter Landscape Buffer Section "H"

Scale 1"= 20'

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE December 8 2005
BOARD OF COUNTY COMMISSION
Joanne Hutcheson
Chairman

Refer To Sheet 'P-19' For: 'Common Area/ Perimeter Buffer - Composite Plant List' and 'General Notes/ Planting Specifications'; and Refer To Sheet 'P-20' For: 'Typical Landscape Planting Details'.

NORTH

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
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Landscape Architecture/
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Perimeter Landscape Buffer - Planting Plans (5 of 6)

Ravinia

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Sheet:
P-16
Of: 21

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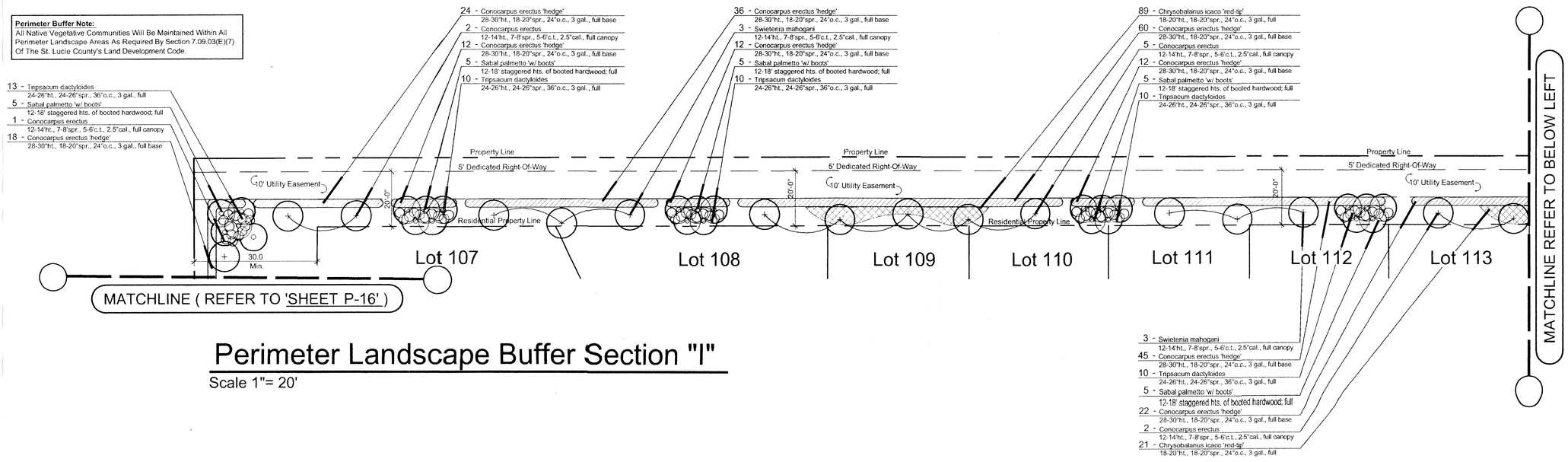
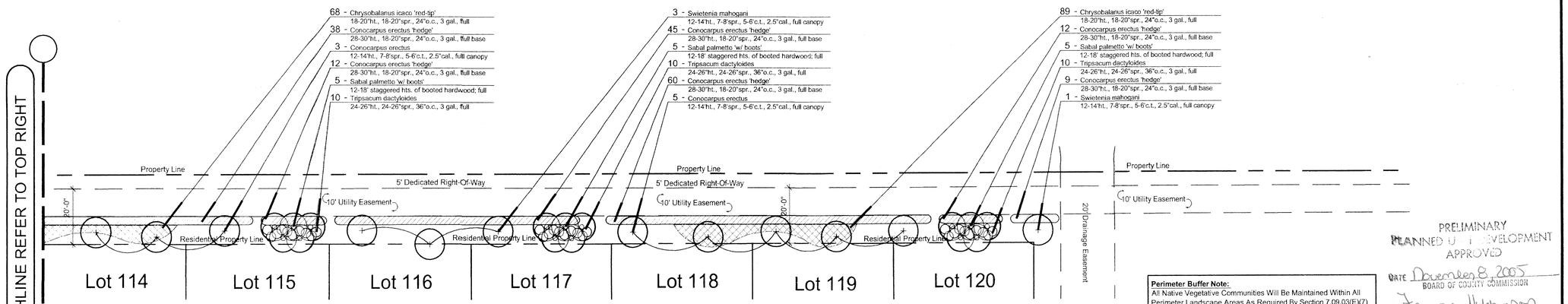


Perimeter Landscape Buffer Section "I"

Scale 1"= 20'



Perimeter Landscape Buffer Section "J"

Scale 1"= 20'

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PRELIMINARY PLANNED UNIT DEVELOPMENT APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Joanne Hutchinson
Chairman

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All Trees and/ or Palms Shall Be Mulched With A Minimum of an (18") Radius From The Trunk. In Addition All Shrub and Groundcover Beds Shall Also Be Properly Mulched (Refer To 'Mulch Specs' Within The 'General Notes and Planting Specifications'). In Instances Where It Is Impracticable To Cover The Appropriate Areas Where Sod Cannot Survive, The Owner/ Developer Shall Mulch Such Areas.

Construction Note:
All Constrcution Shall Be In Accordance With The City of Port St. Lucie Utilities Systems Department's Technical Specifications and Construction Standards (Latest Revision) And With All Applicable Florida Department of Environmental Protection Rules and Regulations.

Water Meter Note:
Contractor Will Construct New Water Service From Water Main To Meter Box. Construction Must Be Observed By The City of Port St. Lucie Utilities Systems Department (48-Hour Notice Required). The Utility Will Install The Meter Upon Account Setup.

Automatic Irrigation System Note:
An Automatic Underground Irrigation System Shall Be Installed and Shall Provide A Minimum 100 % Coverage and With 50 % Overlap Which Shall Conform To All Current Code Requirements, Including a Main Switch, and Which Will Not Spray On Any Pavement Including Driveways and/or Sidewalks.

Root System Note:
No Intrusive Root System Vegetation Shall Be Placed Within (10') Ten Feet of Utilities.

Existing Utility Note:
No Landscaping Shall Be Placed In A Manner That Would Create Conflicts With The Intended Operation and Maintenance Of Any Existing Utility.

NORTH

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
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and Associates, P.A.

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Perimeter Landscape Buffer - Planting Plans (6 of 6)

Ravinia

Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

This Drawing Is The Property Of Michael T. Schale - Landscape Arch. And Associates, P.A.' and Is An Instrument of Service Not To Be Reproduced In Whole or In Part Without The Express Written Consent of The Same.

Sheet:
P-17
Of: 21

General Notes and Planting Specifications:

Grades and Standards/ Xeriscape Classifications:
All plant materials shall conform to the standards for Florida No.1 or better as given in "Grades and Standards for Nursery Plants", Part 1 and Part 2, State of Florida Department of Agriculture, Tallahasee, or any subsequent ammendments. All xeriscape classifications, if applicable, are listed and categorized as per the "South Florida Water Management District's Xeriscape Plant Guide II", or any subsequent ammendments.

Automatic Irrigation System:
All common area landscape areas, within the limits of contract development area as depicted on the planting plans, shall be provided with an 100 % automatic (an automatic time clock must be used to regulate time intervals), 100% coverage (with a minimum 50% overlap) irrigation system, with an automatic 'rain shut-off sensor switch'. There shall be no overspray on vehicular and/ or prdestrian pathways or sidewalks. The source of irrigation shall be from the lakes and the water shall be rust free and treated, if applicable. All common areas shall be irrigated as part of (1) one 'Master Association' system.

Contractor Workmanship:
All landscaping and irrigation shall be installed in a sound workmanlike manner and according to accepted and proper planting procedures as in accordance with the 'Standards of National Arborist Association'. Landscape Contractor shall ensure that new plant material to be properly irrigated at the time of installation. All plantings shall be properly fertilized at the time of installation with at least a minimum of 25% organic 6-6-6 or better fertilizer. Landscape Contractor and Irrigation Contractor shall both "Warranty" all plant material and/ or irrigation systems for a minimum of (1) one year, after installation, with time being measured from issuance of a 'Certificate of Occupancy', as required by owner.

General Planting Specifications:
Specifications of plant materials are as follows: 'Height' (ht.) - indicates overall height from top of ball to midpoint of current season's growth; 'Spread' (spr.) - indicates average spread to midpoint; 'Clear Trunk' (c.t.) - indicates measurement from top of root ball to first branching; ' Ft. of Greywood' - indicates the portion of the palm trunk which is mature, hardwood measured from the top of the rootball to the base of the new, green, soft, terminal growth or fronds; 'Ft. of Wood' - indicates measurement on palms from top of ball to top of solid trunk before start of fronds; 'Spacing' (spa.) - indicates proper spacings of shrubs and groundcovers from center of one rootball to center of another rootball.

Quotations noted on the planting plans and within the plant list and/ or specifications include (but not limited to): ' specimen' - indicates plant materials that shall be 'Florida Fancy' or better and may be subject to hand selection by the Landscape Architect; ' collected' - indicates material generally not available for normal nursery stock and therefore needed to be collected from other field sources; 'matched' - indicates materials that shall be matched in every character and specification accordingly from the same nursery or source.

Planting Stabilization:
All trees 1-1/2 inches in caliper and greater shall be properly guyed and staked at the time of planting to ensure proper establishment (refer to ' Typical Tree Planting Detail'). All palms (ie. sabals, chinese fan palms, washingtonias, royals, etc.) shall be braced as per the 'Typical Palm Planting Detail'. All stabilization systems shall be clearly marked (ie. flagging, painted, etc.) to prevent potenial hazards. Trees and/ or Palms shall be re-staked in the event of blow over and/ or other failures of the staking and guying. The use of nails, wire, rope, or any other methods which damage the tree or palm, is prohibited. All plants shall be installed so that the top of the root ball remains even with the soil grade. All guys and staking material should be removed when the tree is stable and established, but in no case more than one (1) year after initial planting. Stabilization practices shall be in accordance with the 'Standards of National Arborist Association'.

Topsoil Requirements:
The topsoil for all planting areas shall be composed of minimum of 30 % muck or other horticulturally acceptable organic material that is clean and free of any foriegn nonorganic debris. The source of the soil shall be known by the landscape contractor and shall be acceptable to the municipality. The minimum topsoil depth shall be: (12") twelve inches minimum depth for trees and beneath the rootball; (6") six inches minimum depth for shrubs, hedges and groundcover areas; (4") four inches for seeded grass areas (where applicable); and (2") two inches minimum depth for solid sod areas.

Mulch Requirement:
A minimum of (3") three inches of properly treated Class 'A' non-cypress mulch (or equal material) shall be installed around each tree and palm plantings (min.18" radius from trunk), and throughout all shrub, hedge, and groundcover areas, immediately after planting. Prevent wind displacement of mulch by thouroughly wetting down. The use of dyed; waterproofed; and/ or color-treated mulch (ie.'Red' Mulch) shall not be accepted by the Landscape Architect. All organic mulch materials, other than specified, shall be approved by the Landscape Architect or municipality prior to installation. Mulch shall be free of all arsenic by-products.

Existing and/ or Proposed Utilities Varification:
The landscape contractor shall be responsible to varify all existing and proposed utilities (through U.N.C.L.E. or other similar professional utility locator service) prior to any plant material or irrigation installation. No plant material shall be planted within a drainage easement, unless otherwise noted on the planting plan. The Landscape Contractor shall notify the Landscape Architect if there is a field conflict not shown on the plans. Actual tree locations may be field adjusted by the landscape contractor to avoid actual driveway locations; street light pole locations; FPL transformers and fire hydrant clear zones, and as per local codes.

Liability Release Agreements:
If applicable; the owner/ developer shall obtain from the private utility easement occupants (ie. FPL, BellSouth, TV Cable, etc...) any necessary and/ or applicable hold-harmless agreements or waivers prior to installing any vegetation within the private utility easements, if applicable. If planting occurs in any drainage easements, the owner shall obtain written permission from the appropriate drainage easement management district prior to any installations.

Plant Material Alternates and/ or Substitutions:
Any plant material selection changes, suggested by the landscape contractor, either due to availabilities and/ or budgetary reasons, must be approved by the Landscape Architect and the municipality prior to installation. During the bidding process, where applicable, the landscape contractor shall not offer any substitutions for any plant material as specified and/ or noted on the plans, unless alternates are specifically requested. Any potential substitutions shall be considered, if necessary, after the award of a contract to a landscape contractor.

Composite Plant List Verifications:
The 'Plant Materials List' included within this set of 'Overall Common Area Landscape Planting Plans' is solely issued as a "guide" to the contractor and/ or owner only, and therefore shall not be used as the sole basis for preparation of a qualified bid package accordingly. Any discrepancies between the 'Plant Materials List' and the drawings, shall be considered correct on the drawings.

Plant List/ Landscape Contractor Verifications:
It shall be the landscape contractor's sole responsibity to: varify the planting plan(s) contents; varify any applicable notations within; varify any individual specifications; provide a unit-cost breakdown of all specified materials; and to notify the Landscape Architect of any potential clarifications and/ or discrepancies with proper notification. The Landscape Architect reserves the right to make necessary corrections and/ or clarifications.

Solid Sod Specifications:
All sod areas shall be Stenotaphrum secundatum 'flor-tam' (St. Augustine) solid sod to cover all pervious areas except those covered by trees, palms, shrubs, hedges and groundcovers. In cases where a quantity of solid sod is not shown, the landscape contractor shall figure out their own quantities for those areas requiring solid sod.

Landscape Contractor Note:
The landscape contractor shall be responsible for supplying quantities with individual unit costs to the owner/ developer regarding the total required solid sod area (St. Augustine 'floratam') within the limit of contract area; the plant materials (as specified above and within the plans); any applicable planting soil, planting sand and/ or shredded mulch as per the 'General Notes and Planting Specifications'; as well as a detailed fertilization schedule depicting the type, amount and frequency of fertilizer to be used.

Prohibitive Species Note:
As per municipal requirements for all developed sites; the owner and/ or developer shall eradicate; remove from the site; and prevent re-establishment of all "Prohibitive Plant Species", accordingly.

Plant Material List:
Main Entrance and Recreation Area Only - (Sheets "P-3" thru "P-6")

Canopy Trees and Palms

Totals	P-3	P-4	P-5	P-6	Botanical/Common Name	Ht.	Spr.	Ct.	Remarks
15	7	8	---	---	Conocarpus erectus sericeus Silver Buttonwood	8-9'	7-8'	---	multi-trunk; full canopy
14	---	---	14	---	Conocarpus erectus Green Buttonwood	8-9'	7-8'	---	multi-trunk; full canopy
9	6	3	---	---	Ilex x attenuata 'East Palatka' East Palatka Holly	12'	6-7'	5-6'	full canopy
4	---	---	---	4	Lagerstroemia indica Crape Myrtle	8-9'	8-9	---	multi-trunk; full canopy
9	6	1	---	2	Magnolia grandiflora 'specimen' Southern Magnolia	14-16'	8-9'	5-6'	3.5"cal., full canopy
6	1	1	---	4	Paurotis wrightii 'specimen' Saw Thatch Palm	14-16'	8-10'	---	min. 7 trunks; full clump
5	4	1	---	---	Phoenix dactylifera 'Medjool' Medjool Date Palm	---	---	8'	8' of wood to nut; full heads; matched
68	---	9	20	39	Quercus laurifolia Laurel Oak	12-14'	7-8'	5-6'	2.5"cal; full canopy
16	4	6	---	6	Roystonea elata 'matched' Florida Royal Palm	---	---	10'	10' ht. of matched greywood; full heads
26	---	---	---	26	Roystonea elata 'staggered' Florida Royal Palm	---	---	4-6'	staggered hts. of greywood; full heads
79	16	20	25	18	Sabal palmetto 'w/ boots' Cabbage Palm	---	---	12-18'	staggered hts. of booted hardwood; full
2	---	---	2	---	Swietenia mahogani West Indies Mahogany	12-14'	7-8'	5-6'	2.5"cal; full canopy
12	6	6	---	---	Washingtonia robusta 'w/ boots' Washington Palm	---	---	---	14'staggered hts. of booted hardwood; full heads

Shrubs/ Accents/ Hedges and Groundcovers

Totals	P-3	P-4	P-5	P-6	Botanical/Common Name	Ht.	Spr.	Spa.	Remarks
886	626	260	---	---	Carissa macrocarpa 'Emerald Blanket' Boxwood Beauty	14-16'	14-16'	18"	3 gal., full
650	---	---	401	249	Chrysobalanus icaco 'red-tip' Red-Tipped Cocoplum	18-20"	18-20"	24"	3 gal.; full
240	155	85	---	---	Conocarpus e. sericeus 'hedge' Silver Buttonwood	28-30"	18-20"	24"	3 gal., full base
3	3	---	---	---	Crinum asiaticum Crinum Lily	30-32"	30-32"	---	10 gal.; full clump
2	---	---	---	2	Cupressus sempervirens Italian Cypress	10'	24"	---	Spiral clipped column
27	23	4	---	---	Hibiscus r.s. 'Anderson Crepe Standard' Anderson Crepe Hibiscus	6-7'	4-5'	---	2-3'c.t.; full canopy
6	---	---	---	6	Hibiscus r-s 'Seminole Pink' Pink Hibiscus Standard	6-7'	5-6'	---	3'c.t., B&B,fullcanopy
84	---	---	---	84	Ixora mac. 'Taiwanese' Taiwanese Dwarf Ixora	16-18"	12-14"	18" o.c.	3 gal., full
646	181	78	---	387	Jasminum simplicifolium Southern Wax Jasmine	18-20"	18-20"	24"	3 gal.; full
104	34	70	---	---	Juniperus squamata expansa 'Parsoni' Parson's Juniper	14-16'	14-16'	18"	3 gal., full
46	---	---	---	46	Liriope m. 'evergreen giant' Giant Lily Turf	10-12"	10-12"	16" o.c.	1 gal., full
761	520	147	---	94	Liriope muscari 'variegata' Aztec Grass	12-14"	12-14"	16	1 gal., full
68	34	34	---	---	Loropetalum chinensis rubrum 'Burgundy' Loropetalum	18-20"	18-20"	24"	3 gal., full
82	---	---	82	---	Myrica cerifera Wax Myrtle	48"	24-30"	30" o.c.	7 gal., full
72	---	---	---	72	Nephrolepis falcata 'furcans' Fishtail Fern	18-20"	18-20"	24" o.c.	3 gal., full
197	---	---	---	197	Philodendron selloum Split-Leaf Philodendron	26-28"	26-28"	36"	3 gal.; full clump
108	---	---	---	108	Philodendron xanadu Dwarf Philodendron	20-24"	20-24"	30" o.c.	3 gal., full
3	---	---	---	3	Strelitzia nicolae White Bird-of-Paradise	6-7'	4-5'		15 gal., full
149	---	16	51	82	Tripsacum dactyloides Fakehatchee Grass	24-26"	24-26"	36"	3 gal. ; full
260	26	26	104	104	Viburnum suspensum 'hedge' Sandankwa Viburnum	36-42"	20-24"	24"	7 gal.; full to base
22	---	---	---	22	SF - Seasonal color - quantity to fill area color and type to be selected	---	---	---	---

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Donnie Hutchinson
Chairman

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
Landscape Architect
and Associates, P.A.

Landscape Architecture/
Land Planning and Consulting/
Site Plan Graphics

Sanctuary Centre
4800 North Federal Highway
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mschale@mtschale.com

"Main "Entrance and Recreation Area" Composite Plant List / General Notes

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
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Sheet:
P-18
Of: 21

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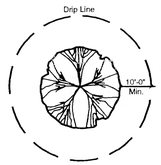
Prohibitive Species Note:
As per municipal requirements for all developed sites; the owner and/ or developer shall eradicate; remove from the site; and prevent re-establishment of all "Prohibitive Plant Species", accordingly.

Plant Material List:

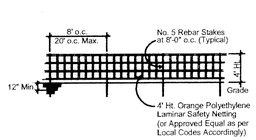
Overall Common Areas and Perimeter Buffers Only - (Sheets "P-7" thru "P-17")

	Totals	P-7	P-8	P-9	P-10	P-11	P-12	P-13	P-14	P-15	P-16	P-17	Botanical/Common Name	Ht.	Spr.	Ct.	Remarks
Canopy Trees and Palms	123	---	---	---	---	---	36	7	35	9	18	18	Conocarpus erectus Green Buttonwood	12-14'	7-8'	5-6'	2.5"cal; full canopy
	20	---	---	---	---	---	---	8	---	12	---	---	Lagerstroemia indica Crape Myrte	8-9'	7-8'	---	multi-trunk; full canopy
	36	20	2	14	---	---	---	---	---	---	---	---	Quercus laurifolia Laurel Oak	12-14'	7-8'	5-6'	2.5"cal; full canopy
	106	32	---	5	32	37	---	---	---	---	---	---	Pinus elliotii Florida Slash Pine	12-14'	---	---	3"cal; B&B; full
	18	---	---	---	---	---	---	8	---	10	---	---	Roystonea elata 'staggered' Florida Royal Palm	---	---	4-6'	staggered hts. of greywood; full heads
	315	20	15	7	---	---	74	33	61	30	35	40	Sabal palmetto 'w/ boots' Cabbage Palm	---	---	12-18'	staggered hts. of booted hardwood; full
	78	---	---	---	---	---	24	6	20	6	12	10	Swietenia mahogani West Indies Mahogany	12-14'	7-8'	5-6'	2.5"cal; full canopy

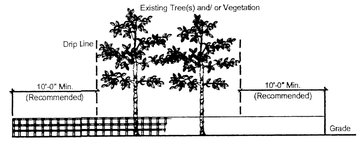
	Totals	P-7	P-8	P-9	P-10	P-11	P-12	P-13	P-14	P-15	P-16	P-17	Botanical/Common Name	Ht.	Spr.	Spa.	Remarks
Shrubs/ Accents/ Hedges & Groundcovers	3627	---	---	---	---	---	1262	541	1201	89	267	267	Chrysobalanus icaco 'red-tip' Red-Tipped Cocoplum	18-20"	18-20"	24"	3 gal.; full
	2616	186	---	---	---	---	606	192	536	252	427	417	Conocarpus erectus 'hedge' Green Buttonwood	28-30"	18-20"	24"	3 gal.; full to base
	25	25	---	---	---	---	---	---	---	---	---	---	Nerium oleander 'Calypso' Red oleancer	60"	4-5'	---	full to base; heavy clump
	140	---	---	---	---	---	---	70	---	70	---	---	Pentas lanceolata 'White' White Pentas	14-16"	14-16"	16"	1 gal.; full
	191	---	---	---	---	---	---	79	---	112	---	---	Philodendron selloum Split-Leaf Philodendron	24-26"	24-26"	36"	3 gal.; full clump
	705	---	---	---	---	---	245	117	343	---	---	---	Pittosporum tobira 'variegata' Variegated Pittosporum	18-20"	18-20"	18"	3 gal.; full
	313	---	---	---	---	---	---	153	---	160	---	---	Plumbago articulata Royal Blue Plumbago	18-20"	18-20"	24"	3 gal. ; full
	928	96	63	36	---	---	241	79	125	93	112	83	Tripsacum dactyloides Fakehatchee Grass	24-26"	24-26"	36"	3 gal. ; full



Typical Plan Detail



Typical Elevation Detail



Typical Elevation Detail

Tree Protection Barriers Note:
A County Approved Tree Protection Barrier Fencing Must Be Installed Outside The Drip Line Of Trees To Be Preserved Prior To Site Clearing. This Barrier Must Be Maintained Throughout The Clearing and Construction Of The Project And Shall Not Be Encroached Upon By Machinery, Grading, Or Other Site Work Accordingly (As Per Local Codes). In The Event That Any Protective Barricades Are Removed or Altered and Land Clearing or Construction Work Is Being Conducted On The Site; All Work At The Site Will Be Stopped Until The Barriers Are Restored and ERD Staff Shall Be Immediately Contacted To Determine If Any Necessary Corrective Actions Taken To Repair or Replat Any Vegetation Removed or Damaged As The result of These Enchroahments.

Tree Protection Barrier Details

Not-To-Scale

PRELIMINARY
PLANNED UNIT DEVELOPMENT
APPROVED
DATE November 8, 2005
BOARD OF COUNTY COMMISSION
Joanne Hutchinson
Chairman

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
Landscape Architect
and Associates, P.A.

Landscape
Architecture/
Land Planning and Consulting/
Site Plan Graphics

Sanctuary Centre
4800 North Federal Highway
Suite 105B
Boca Raton, Florida 33431
(561) 417 5470
mschale@mtschale.com

"Overall Common Area" - Composite Plant Lists and General Notes

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

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Sheet:
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Of: 21

Notes:

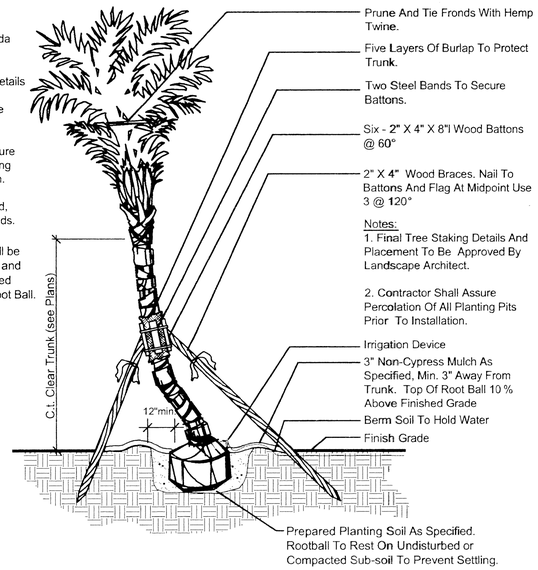
1. All Trees To Be Florida Grade No.1 Or Better.

2. Final Tree Staking Details And Placement To Be Approved By Landscape Architect.

3. Contractor Shall Assure Percolation Of All Planting Pits Prior To Installation.

4. Prune Only Damaged, Dead Or Yellowing Fronds.

5. All wire baskets shall be removed (if Applicable) and Burlap Shall be Removed From Top Portion of Root Ball.



1 Coconut Palm Planting Detail
Section — Not To Scale

All wire baskets shall be removed (if Applicable) and Burlap Shall be Removed From Top Portion of Root Ball.

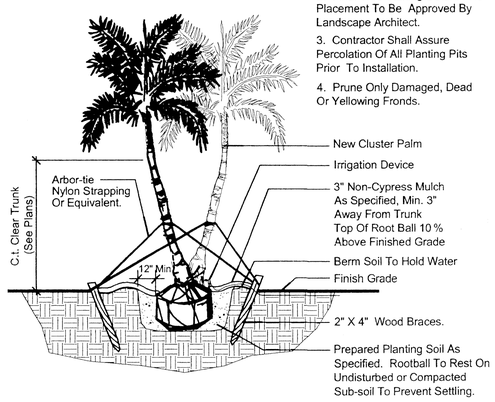
Notes:

1. All Trees To Be Florida Grade No.1 Or Better.

2. Final Tree Staking Details And Placement To Be Approved By Landscape Architect.

3. Contractor Shall Assure Percolation Of All Planting Pits Prior To Installation.

4. Prune Only Damaged, Dead Or Yellowing Fronds.



3 Cluster Palm Planting Detail
Section — Not To Scale

Notes:

1. All Trees To Be Florida Grade No. 1 or Better.

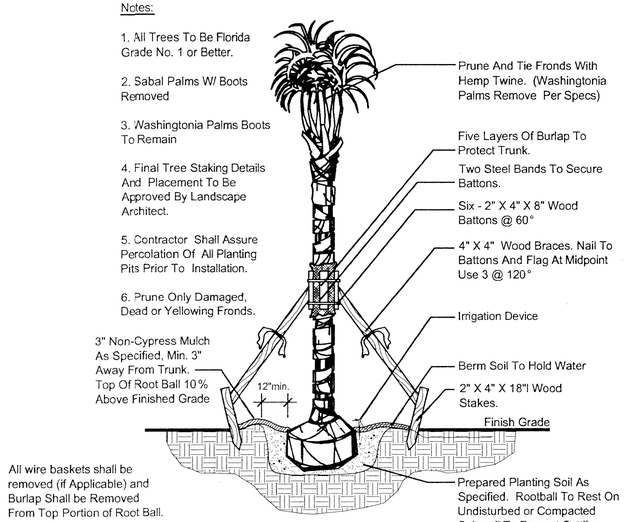
2. Sabal Palms W/ Boots Removed

3. Washingtonia Palms Boots To Remain

4. Final Tree Staking Details And Placement To Be Approved By Landscape Architect.

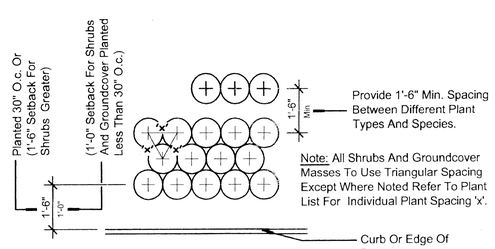
5. Contractor Shall Assure Percolation Of All Planting Pits Prior To Installation.

6. Prune Only Damaged, Dead or Yellowing Fronds.

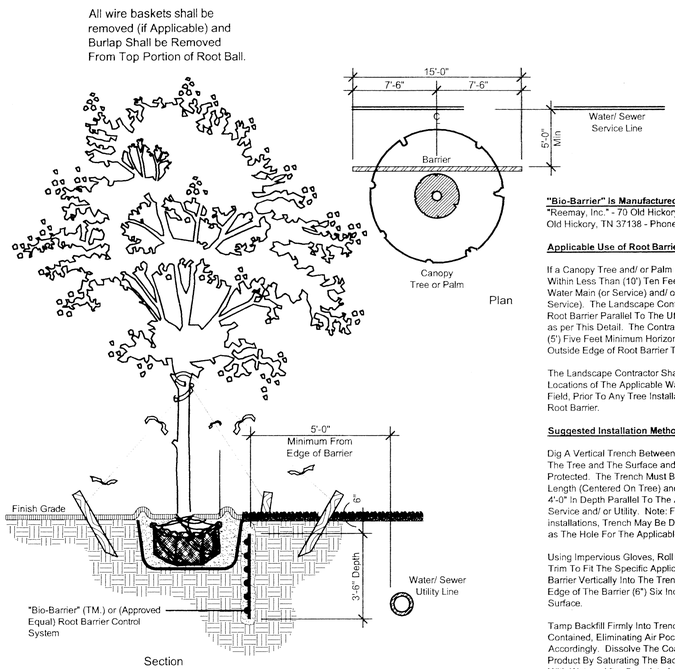


All wire baskets shall be removed (if Applicable) and Burlap Shall be Removed From Top Portion of Root Ball.

6 Fan Palm Planting Detail
Section — Not To Scale



4 Typical Plant Spacing Detail
Plan — Not To Scale



"Bio-Barrier" Is Manufactured By:
"Reemay, Inc." - 70 Old Hickory Blvd. - P.O.Box 511 Old Hickory, TN 37138 - Phone: 1-800-215-ROOTS

Applicable Use of Root Barriers:

If a Canopy Tree and/ or Palm Is To Be Installed Within Less Than (10') Ten Feet Separation From A Water Main (or Service) and/ or Sewer Main (or Service). The Landscape Contractor Shall Install a Root Barrier Parallel To The Utility As Required and as per This Detail. The Contractor Shalll Maintain A (5') Five Feet Minimum Horizontal Distance From Outside Edge of Root Barrier To The Utility.

The Landscape Contractor Shall Verify The Existing Locations of The Applicable Water Utilities, In The Field, Prior To Any Tree Installations Requiring A Root Barrier.

Suggested Installation Method:

Dig A Vertical Trench Between The Root Source of The Tree and The Surface and/ or Utility Line To Be Protected. The Trench Must Be At Least 6'-0" In Length (Centered On Tree) and Must Be at Least 4'-0" In Depth Parallel To The Applicable Surface, Service and/ or Utility. Note: For New Tree installations, Trench May Be Dug At The Same Time as The Hole For The Applicable Tree and/ or Palm.

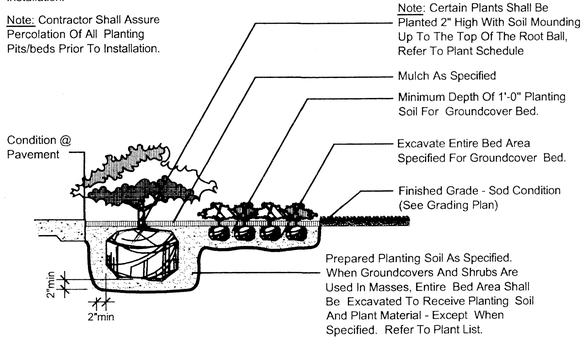
Using Impervious Gloves, Roll Out "Bio-Barrier" and Trim To Fit The Specific Application. Insert The Barrier Vertically Into The Trench, With The Top Edge of The Barrier (6") Six Inches Below The Soil Surface.

Tamp Backfill Firmly Into Trench With "Bio-Barrier" Contained, Eliminating Air Pockets or Soil Voids Accordingly. Dissolve The Coating and Activate The Product By Saturating The Backfill and "Bio-Barrier" With Water. After Completed, Smooth The Soil Surface To Finish Grade, Allowing Excess Material For Soil Setting.

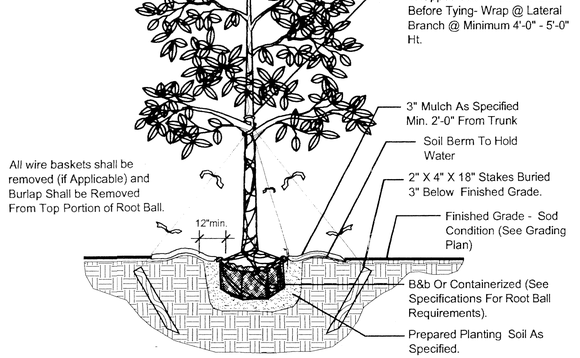
2 Typical Root Barrier Application Detail
Section / Plan — Not To Scale

Note: Groundcover Shall Obtain a 75% Coverage at Time of Planting and 100 % Coverage within 3 Months of installation.

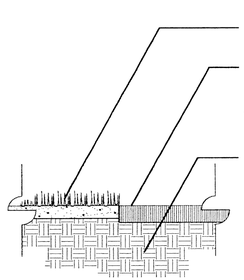
Note: Contractor Shall Assure Percolation Of All Planting Pits/beds Prior To Installation.



5 Shrub And Groundcover Detail
Section — Not To Scale



7 Large Tree Planting Detail
Section — Not To Scale



8 Mulch Detail
Section — Not To Scale

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DATE December 8, 2005
BOARD OF COUNTY COMMISSION
Chairman

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
Landscape Architect and Associates, P.A.

Landscape Architecture/ Land Planning and Consulting/ Site Plan Graphics

Sanctuary Centre
4800 North Federal Highway
Suite 105B
Boca Raton, Florida 33431
(561) 417 5470
mschale@mtschale.com

Landscape Planting Details and Specifications

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
28 February 2005
24 January 2005
Revised Dates
8 October 2004
Original Date
JA/ DC/ MTS
Drawn By

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Sheet:
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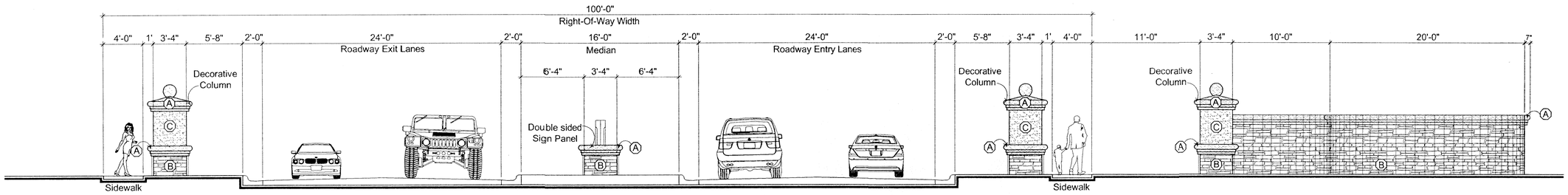
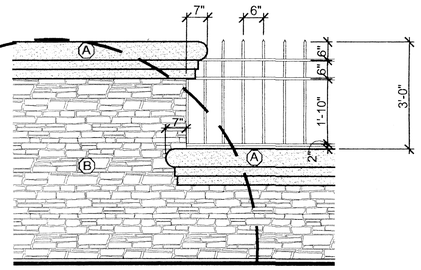


A / P-21 Main Entrance Feature Elevation

Scale 3/16" = 1'-0" (Front View From Midway Road Looking Inward Towards Property)



B / P-21 Typical Wall Railing Detail

Scale 1/2" = 1'-0"

CONSTRUCTION MATERIALS SELECTIONS:

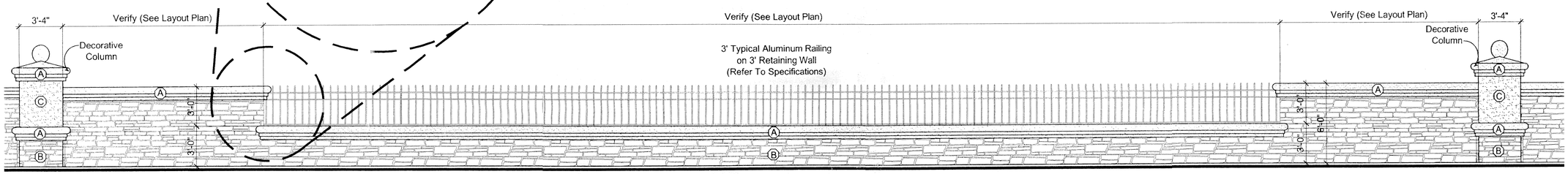
Contractor Shall Submit Any Applicable Shop Drawings and/ or Actual Samples To The Owner/ Developer and/ or Landscape Architect For Approval, Prior To Installation.

(A) **SIMULATED KEYSTONE STUCCO BANDS:**
Specification: Compressed Styrofoam (or Similar) w/ 'Simulated 'Keystone' Textured Stucco Finish (To Meet Minimum ASTM and/ or Code Thickness Requirements Where Aplicable); **Paint Manufacturer :** ' MAB Paints, Inc.'; **Suggested Color:** 'Mushroom Cream' (MAB 5047P) To Match The 'Sandstone Pavers'; Contractor Shall 'Prime' All Applicable Areas (As Denoted On The 'Cross-Sections'; 'Elevations'; and/ or 'Details'). Note: Top of Column Decorative Bandings Shall Occur On All (4) Sides Of Applicable Columns; Middle of Column Decorative Bandings and Wall Bandings Shall Only Occur On The Right-of-Way/ Street Facing Side of The Applicable Columns and/ or Walls. All Bandings and Caps Shall Match In Texture and Color Accordingly.

(B) **CULTURED STONE WALL/ COULUMN FASCIA:**
Manufacturer/ Supplier: 'Stone Products Corporation.' (1-800-255-1727); **Specification:** Cultured Stone 'Fox Valley Weather Edge Ledgestone ' (Catalog No.CSV-2022); 2" to 2-1/2" Thick Textured Stone Fascia To Be Cladded To Columns and/ or Walls Where Shown Within The Details; All Cultured Stone Shall Be Individually Applied w/ Type N Mortar Directly To Untreated, Unpainted Masonry or Concrete; Mortar Joints w/ Lightest Color Within The Legestone Mix; All Cultured Stone Shall Be Installed as per The Manufacturer's Specifications and/ or Construction Details. Note: Textured Stone Fascia Shall Occur Only On The Columns (3 Sides - Excluding Rear Portions, Unless Columns Area In Clear View); and The Right-of-Way/ Street Facing Side of The Applicable Walls, As Shown.

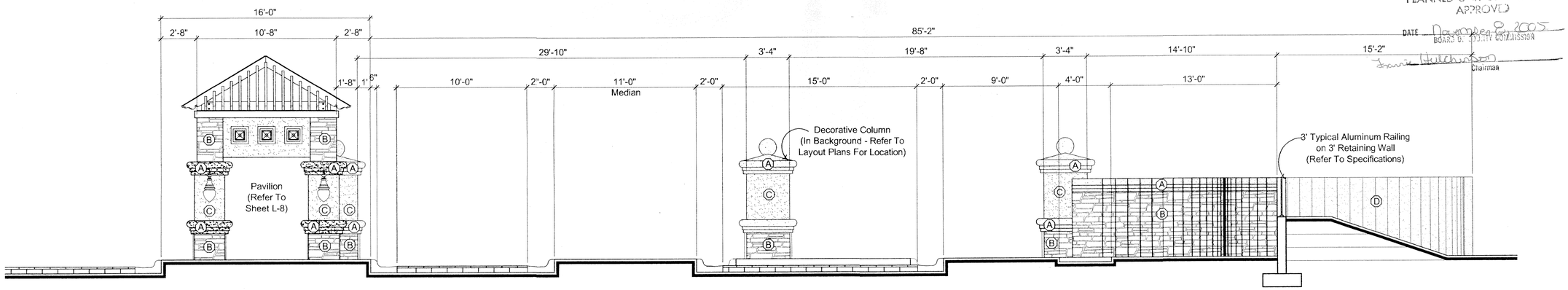
(C) **SMOOTH TEXTURED STUCCO FINISH:**
Smooth Textured Stucco On All Applicable Columns and/ or Walls as Shown To Match Architectural Product; **Paint Manufacturer:** 'MAB Paints, Inc.'; **Suggested Color:** 'Dove's Wing' (MAB 5077P); Contractor Shall 'Prime' All Applicable Areas (As Denoted On The 'Cross-Sections'; 'Elevations'; and/ or 'Details') and Shall Paint The Depicted Areas w/ Two Coats of The Specified Color Above.

(D) **ROUGH TEXTURED STUCCO FINISH:**
Rough Textured Stucco On All Applicable Columns and/ or Walls as Shown To Match Architectural Product; **Paint Manufacturer:** 'MAB Paints, Inc.'; **Suggested Color:** 'Eagle Rock' (MAB 5081M); Contractor Shall 'Prime' All Applicable Areas (As Denoted On The 'Cross-Sections'; 'Elevations'; and/ or 'Details') and Shall Paint The Depicted Areas w/ Two Coats of The Specified Color.



C / P-21 Main Entrance Feature Elevation

Scale 1/4" = 1'-0" (Westside Wall/ Railing Feature - View From Centerline West)



PRELIMINARY
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APPROVED
DATE December 8, 2005
BOARD OF CITY COMMISSION
Chairman

D / P-21 Main Entrance Feature Cross-Section/ Elevation

Scale 1/4" = 1'-0" (Cross-Section Cut Through At Sheet P-3/ P-4 Matchline)

Michael T. Schale
Landscape Architect
State of Florida - LA 0001433

Michael T. Schale
Landscape Architect
and Associates, P.A.

Landscape Architecture/
Land Planning and Consulting/
Site Plan Graphics

Sanctuary Centre
4800 North Federal Highway
Suite 105B
Boca Raton, Florida 33431
(561) 417 5470
mschale@mtschale.com

Main Entrance Area - Typical Cross-Sections and Details

Ravinia
Centerline @ Ravinia, LLC.- St. Lucie County, FL

28 September 2005
12 July 2005
02 May 2005
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Sheet:
P-21
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