ATTENDANCE & SPEAKERS' ROSTER

4-8-14 COMMUNITY ZONING APPEALS BOARD C-12
(DATE) (CZAB #)

AGENDA ITEM(S)	PRINT NAME	SIGN NAME
	JORGE FERRER	[signature]
	Sebastian Silvera	[signature]
	JUDY FERIS	[signature]
	Enrique Jordana	[signature]
	Rafal Ros	[signature]
	Randy Padilla	[signature]
	NELSON GOMES	[signature]
	PIERRE REMY	[signature]
	Cesar Saavedra	[signature]
Serial	LAWRENCE PERCIVAL	[signature]
	Ananh Thaneathith	[signature]
	Martha Bucher	[signature]

CONTINUE ON OTHER SIDE IF MORE SPACE IS NEEDED

EXHIBIT LIST

COMMUNITY ZONING APPEALS BOARD 11

April 8, 2014

RESOLUTION #: CZAB11-3-14

ITEM#	HEARING#	APPLICANT'S NAME	SS-TT-RR
A	13-104	ARIES INVESTMENTS & FINANCIAL SERVICES, INC	22-55-39

EX. #	EXHIBIT DESCRIPTION	IN FILE
A-1	Binder: PH 3-13-104, Aries Development	X
A-2	Site Plan: Proposed Kitchen for Soccer Club @ Tamiami Florida	X
A-3		
A-4		
A-5		
A-6		
A-7		
A-8		
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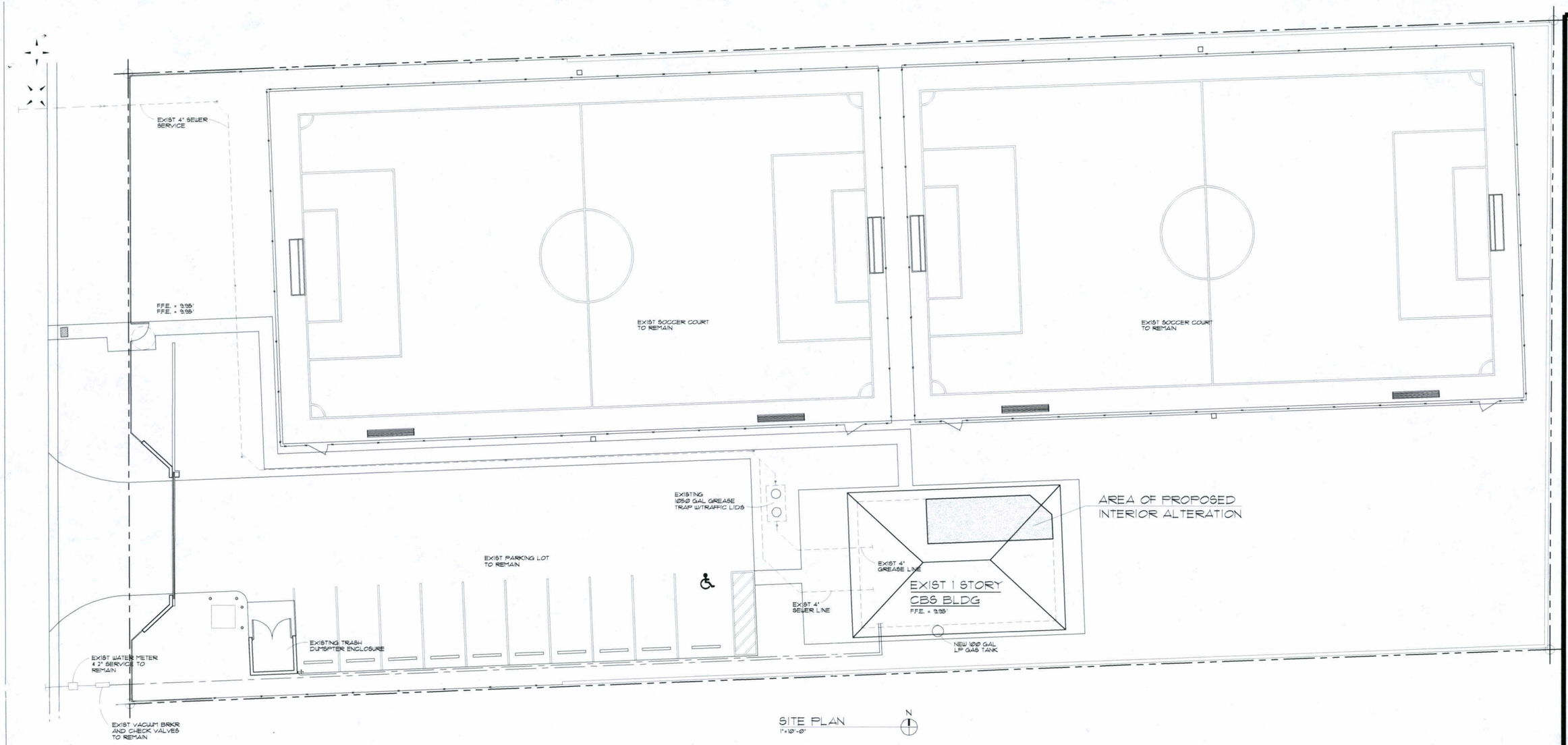
A-18		



SITE PLAN
1" = 10'-0"

RECEIVED
Item # 13-104
CZAB # 11 Exhibit A-2
APR 8
CLERK OF THE

WILLIAM PLASENCIA, R.A.
Architect

7100 N KENDALL DR. #506
Miami, Florida 33156
Tel: (305) 235-9211
wparchitect@bellsouth.net
Fla Reg • AR 0008693

Date: 11/25/13

PROPOSED KITCHEN FOR:
SOCCER CLUB @ TAMIAMI FLORIDA
@ 14275 SW 139 CT
MIAMI, FLORIDA

DRAWN BY:
WILLIAM PLASENCIA

SHEET NUMBER
A-1

ATTENDANCE & SPEAKERS' ROSTER

3-11-14 COMMUNITY ZONING APPEALS BOARD C-11
(DATE) (CZAB #)

AGENDA ITEM(S)	PRINT NAME	SIGN NAME
	JORGE FERRER	
#1	LAWRENCE PERCIVAL	
#1	ALAN SAAVEDRA	

CONTINUE ON OTHER SIDE IF MORE SPACE IS NEEDED

MIAMI-DADE COUNTY
COMMUNITY ZONING APPEALS BOARD - AREA 11
MOTION SLIP

#1

APPLICANT'S NAME: **ARIES INVESTMENTS & FINANCIAL SERVICES, INC.**

REPRESENTATIVE: Guillermo Olmedillo

HEARING NUMBER	HEARING DATE	RESOLUTION NUMBER		
14-3-CZ11-1 (13-104)	March 11, 2014	CZAB11	1	14

REC: Denial without prejudice.

☐ WITHDRAW: ☐ APPLICATION ☐ ITEM(S):_____

■ DEFER: ☐ INDEFINITELY ■ TO: April 8, 2014 ■ W/LEAVE TO AMEND

☐ DENY: ☐ WITH PREJUDICE ☐ WITHOUT PREJUDICE

☐ ACCEPT PROFFERED COVENANT ☐ ACCEPT REVISED PLANS

☐ APPROVE: ☐ PER REQUEST ☐ PER DEPARTMENT ☐ PER D.I.C.

☐ WITH CONDITIONS

■ The application was deferred to April 8, 2014 with leave to amend and no re-advertisement.

TITLE	M/S	NAME	YES	NO	ABSENT
COUNCILWOMAN	S	Carolina **BLANCO**	X		
COUNCILMAN		Socrates **DE JESUS**			X
VICE CHAIR		Miguel **DIAZ**			X
COUNCILMAN		Jay **REICHBAUM**	X		
COUNCILWOMAN	M	Beatriz **SUAREZ**	X		
CHAIR WOMAN		Patricia **DAVIS**	X		
		VOTE:	4	0	

EXHIBITS: ■ YES ☐ NO COUNTY ATTORNEY: Abbie S. Raurell

EXHIBIT LIST

COMMUNITY ZONING APPEALS BOARD 11

March 11, 2014

RESOLUTION #: CZAB11-1-14

ITEM#	HEARING#	APPLICANT'S NAME	SS-TT-RR
1	14-3-CZ11-1 (13-104)	**ARIES INVESTMENTS & FINANCIAL SERVICES, INC.**	22—55-39

EX. #	EXHIBIT DESCRIPTION	IN FILE
1-1	Aerial Map	X
1-2	Picture of Adjacent Property to the South	X
1-3	Zoning Map of Area	X
1-4		
1-5		
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COMMUNITY ZONING APPEALS BOARD 11

Hearing Date: Mach 11, 2014

II Items listed below have been withdrawn or deferred to a later date:

14-3-CZ11-1	ARIES INVESTMENTS & FINANCIAL SERVICES, INC **Deferred To Date Certain** **Deferred to date certain with leave to amend and no re-advertisement.**	13-104	22-55-39

****

COUNTY STAFF ATTENDEES:

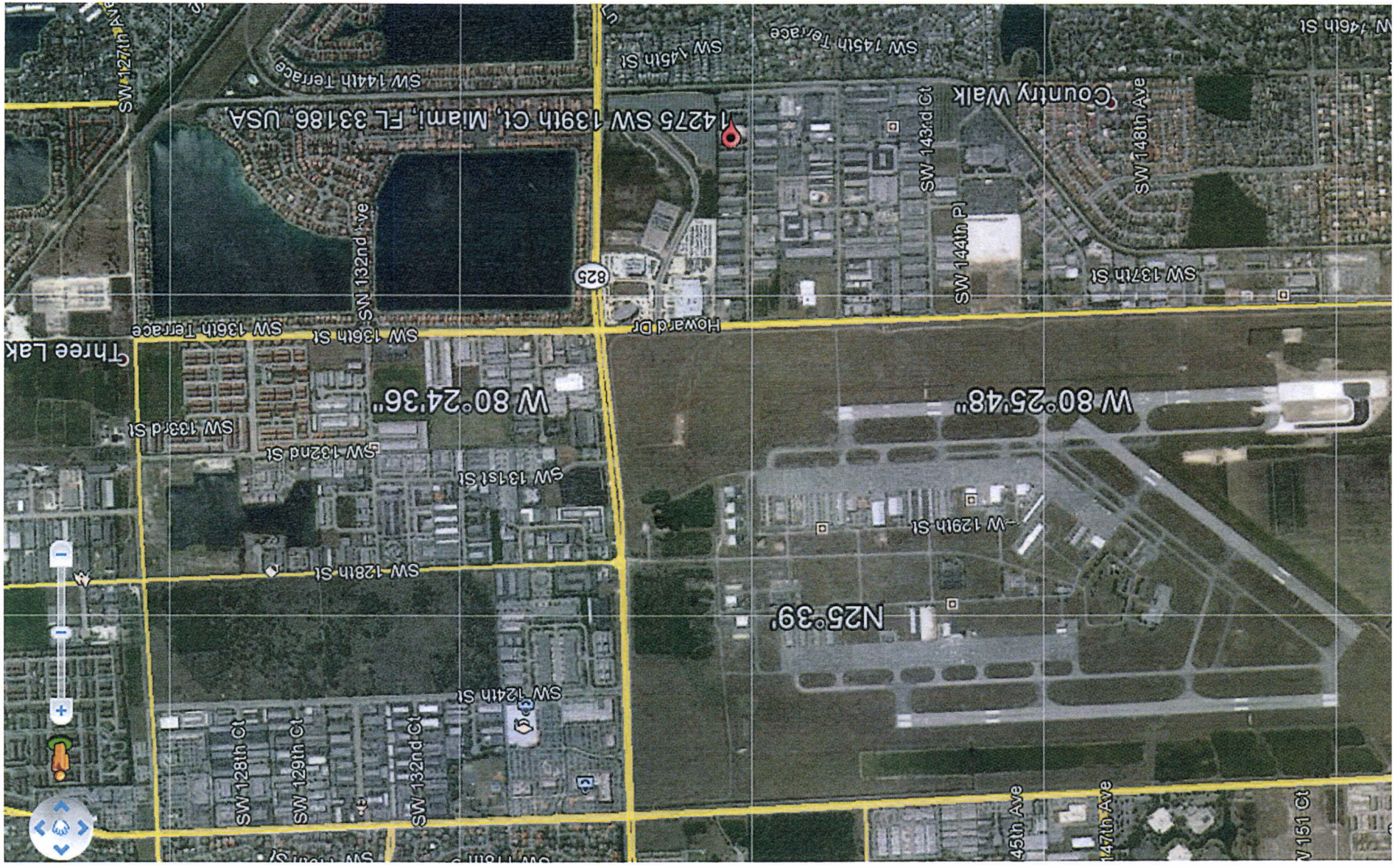
ABBIE S. RAURELL, COUNTY ATTORNEY'S OFFICE
jORGE VITAL, DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
ROSA DAVIS, RER
FRANKLIN GUTIERREZ, RER
FELIX ACOSTA, RER
MICHELLE MAPP, RER

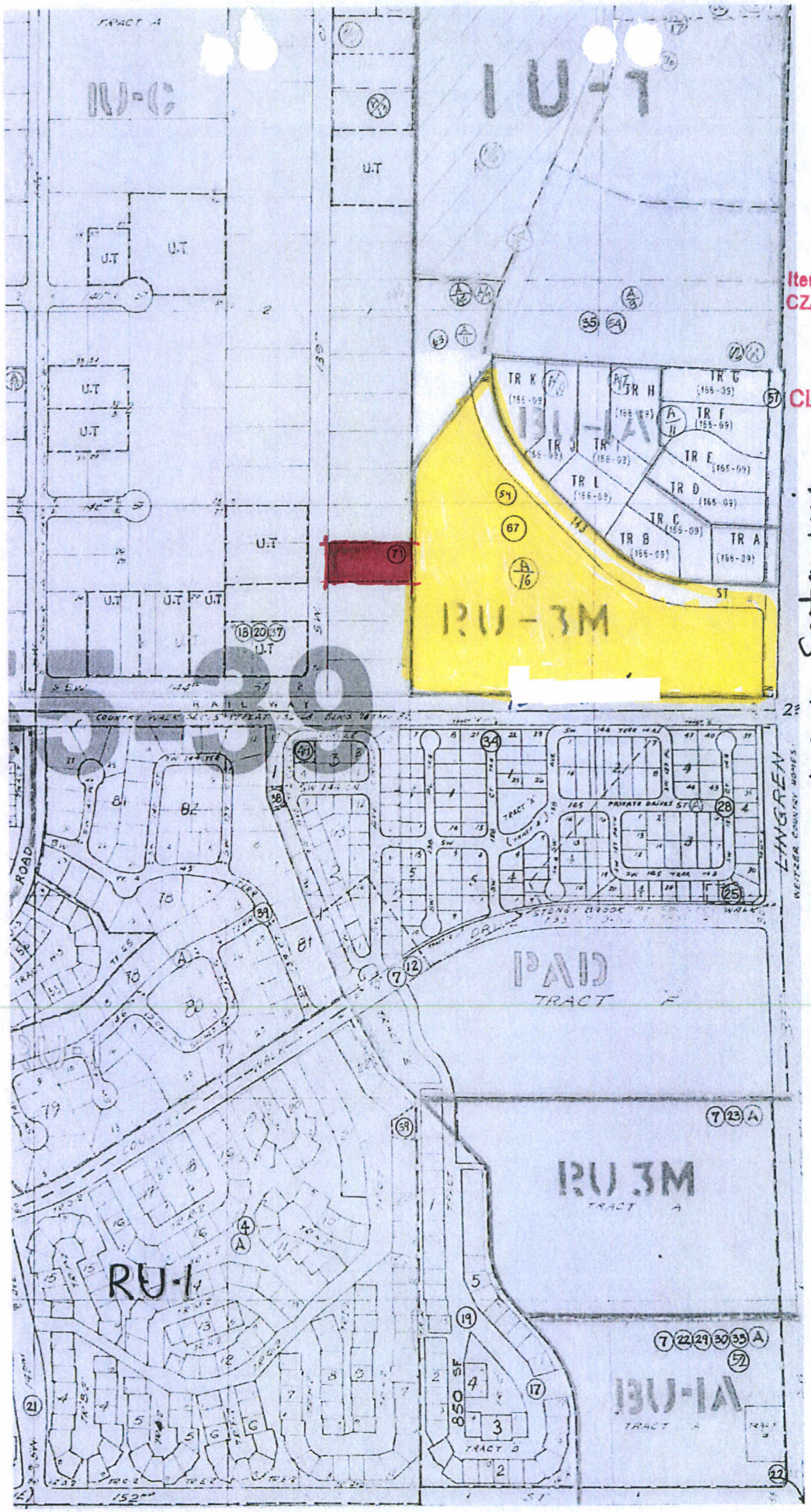
THE FOLLOWING SUMMARY INFORMATION IS PROVIDED AS A COURTESY; IT SHOULD NOT BE TREATED AS LEGAL ADVICE AND IT SHOULD NOT BE RELIED UPON. LEGAL CONSULTATION MAY BE WARRANTED IF AN APPEAL OR OTHER LEGAL CHALLENGE IS BEING CONTEMPLATED.

Decisions of the Community Zoning Appeals Board (CZAB) may be subject to appeal or other challenge. For example, depending upon the nature of the requests and applications addressed by the CZAB, a CZAB decision may be directly appealable to the Board of County Commissioners (BCC) or may be subject to challenge in Circuit Court. Challenges asserted in Circuit Court, where available, must ordinarily be filed within 30 days of the transmittal of the pertinent CZAB resolution to the Clerk of the BCC. Appeals to the BCC, where available, must be filed with the Zoning Hearing Section of the Department of Planning and Zoning (DPZ) within 14 days after the DPZ has posted a short, concise statement (such as that furnished above for the listed items) that sets forth the action that was taken by the CZAB. (The DPZ's posting will be made on a bulletin board located in the office of the DPZ.) All other applicable requirements imposed by rule, ordinance, or other law must also be observed when filing or otherwise pursuing any challenge to a CZAB decision.

Further information regarding options and methods for challenging a CZAB decision may be obtained from sources that include, but are not limited to, the following: Sections 33-312, 33-313, 33-314, 33-316, and 33-317 of the Code of Metropolitan Dade County, Florida; the Florida Rules of Appellate Procedure; and the Municode website (www.municode.com). Miami-Dade County does not provide legal advice regarding potential avenues and methods for appealing or otherwise challenging CZAB decisions; however, a licensed attorney may be able to provide assistance and legal advice regarding any potential challenge or appeal.

RECEIVED BY CLERK
Item # 13-104
CZAB # 1 Exhibit 1
MAR 11 2014
CLERK OF THE BOARD





22
55
39

RECEIVED BY CLERK
Item # 13-104
CZAB # 11 Exhibit 3
MAR 11 2014
CLERK OF THE BOARD

MIAMI-DADE COUNTY
COMMUNITY ZONING APPEALS BOARD - AREA 11
MOTION SLIP

#1

APPLICANT'S NAME: **ARIES INVESTMENTS & FINANCIAL SERVICES, INC.**

REPRESENTATIVE: Guillermo Olmedillo

HEARING NUMBER	HEARING DATE	RESOLUTION NUMBER		
14-3-CZ11-1 (13-104)	March 11, 2014	CZAB11	1	14

REC: Denial without prejudice.

☐ WITHDRAW: ☐ APPLICATION ☐ ITEM(S):_____

■ DEFER: ☐ INDEFINITELY ■ TO: April 8, 2014 ■ W/LEAVE TO AMEND

☐ DENY: ☐ WITH PREJUDICE ☐ WITHOUT PREJUDICE

☐ ACCEPT PROFFERED COVENANT ☐ ACCEPT REVISED PLANS

☐ APPROVE: ☐ PER REQUEST ☐ PER DEPARTMENT ☐ PER D.I.C.

☐ WITH CONDITIONS

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TITLE	M/S	NAME	YES	NO	ABSENT
COUNCILWOMAN	S	Carolina **BLANCO**	X		
COUNCILMAN		Socrates **DE JESUS**			X
VICE CHAIR		Miguel **DIAZ**			X
COUNCILMAN		Jay **REICHBAUM**	X		
COUNCILWOMAN	M	Beatriz **SUAREZ**	X		
CHAIR WOMAN		Patricia **DAVIS**	X		
		VOTE:	4	0	

EXHIBITS: ■ YES ☐ NO COUNTY ATTORNEY: Abbie S. Raurell

EXHIBIT LIST

COMMUNITY ZONING APPEALS BOARD 11

March 11, 2014

RESOLUTION #: CZAB11-1-14

ITEM#	HEARING#	APPLICANT'S NAME	SS-TT-RR
1	14-3-CZ11-1 (13-104)	**ARIES INVESTMENTS & FINANCIAL SERVICES, INC.**	22—55-39

EX. #	EXHIBIT DESCRIPTION	IN FILE
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RECEIVED BY CLERK
Item # 13-104
CZAB # 11 Exhibit A-1
APR 8 0 2014
CLERK OF THE BOARD

PH 3-13-104

ARIES DEVELOPMENT

OLMEDILLO X 5, INC. LAND USE CONSULTANTS

6840 SW 130 TERRACE.

PINECREST, FL. 33156

VOICE 786 252 0381 FAX 786 250 3599

ELECTRONIC MAIL: GUILLERMO@OLMEDILLOX5.COM

Guillermo Olmedillo

From: Connally, Ronald (RER) <connall@miamidade.gov>
Sent: Friday, March 28, 2014 1:30 PM
To: Guillermo Olmedillo
Cc: ferrer.jorge@hotmail.com
Subject: RE: PH:Z13-104(14-3-CZ11-1

Good afternoon Guillermo,

I will add your information to the file and you can hand out copies of the information to the council members at the hearing.

Thank you,

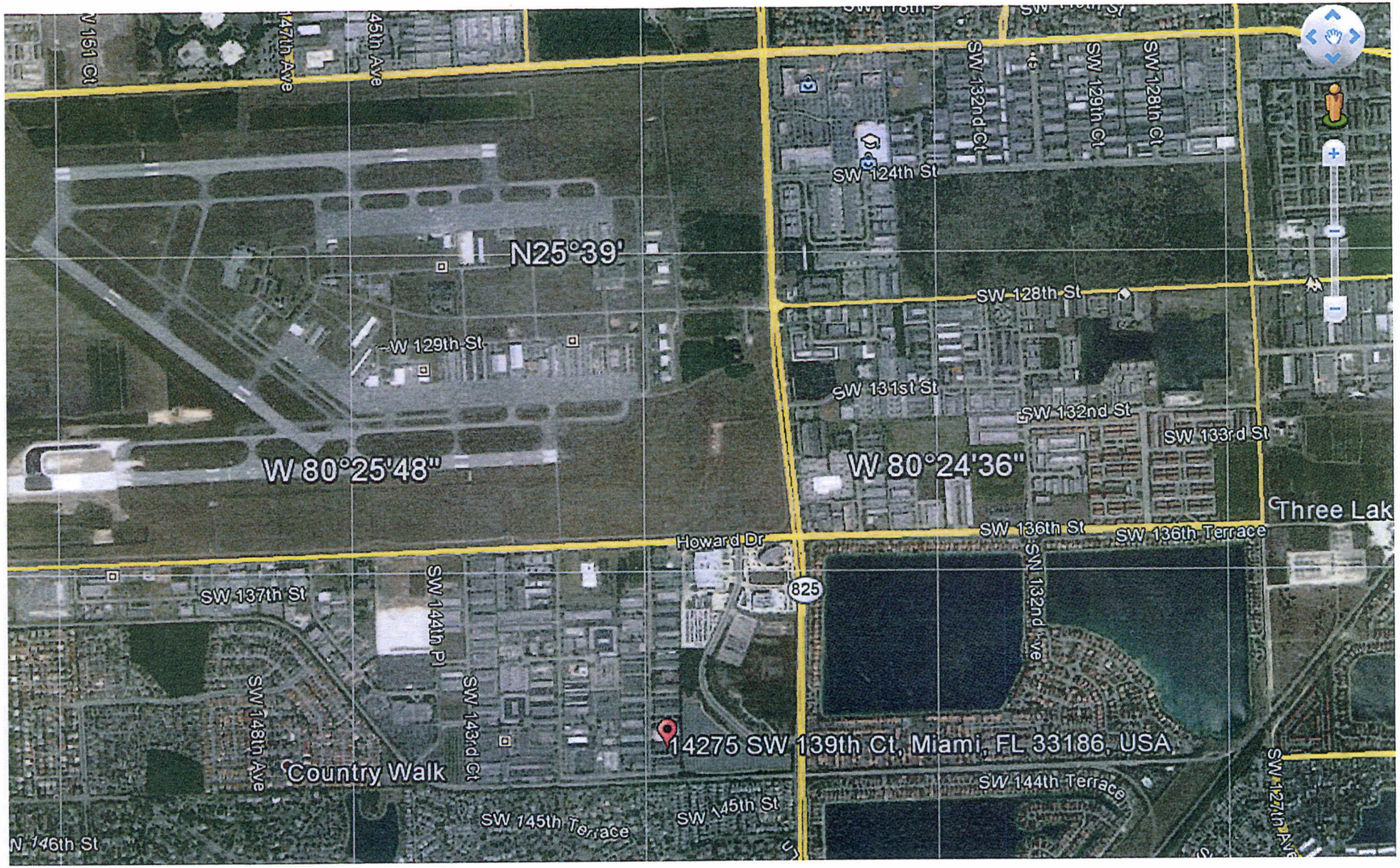
Ronald Connally
Supervisor, Zoning Hearings Section
Development Services Division
Department of Regulatory and Economic Resources
111 NW 1 Street 11th Floor
Miami, FL 33128
(305) 375-2640 Fax (305) 372-6096
"Delivering Excellence Every Day"

From: Guillermo Olmedillo [mailto:guillermo@olmedillox5.com]
Sent: Friday, March 28, 2014 12:23 PM
To: Connally, Ronald (RER)
Cc: ferrer.jorge@hotmail.com; guillermo@olmedillox5.com
Subject: PH:Z13-104(14-3-CZ11-1

Good Afternoon Ron:
In my meeting yesterday with Mr. Kogan and Mr. Nitti, I presented additional information for the subject application.
Upon their recommendation, I am requesting that the attachments be added to the public records file and available to the members of the CZAB.
Thank you for your assistance.
Guillermo Olmedillo

Attachments:

1. The approved and built site plan for the soccer courts.
2. Location map.
3. Interpretation of the Land Use Map.
4. Copy of the FLUM for the subject property.
5. Sec 33-267 of the Zoning Code.
6. Portion of the Zoning Map for the immediate area.
7. Copy of the approved landscape plan for the proposed development to the east of the subject property. Lakes Kingdom II.
8. Superposition of the approved landscape plan and the county's zoning map.
9. Page 7 of the "Recommendations" for the approval to the Lakes Kingdom II application.
10. Note on the approved building permit for the structures in Lakes Kingdom II.
11. Noise Mitigation Evaluation Study for Tamiami Airport. Prepared for the Miami-Dade County Aviation Department.



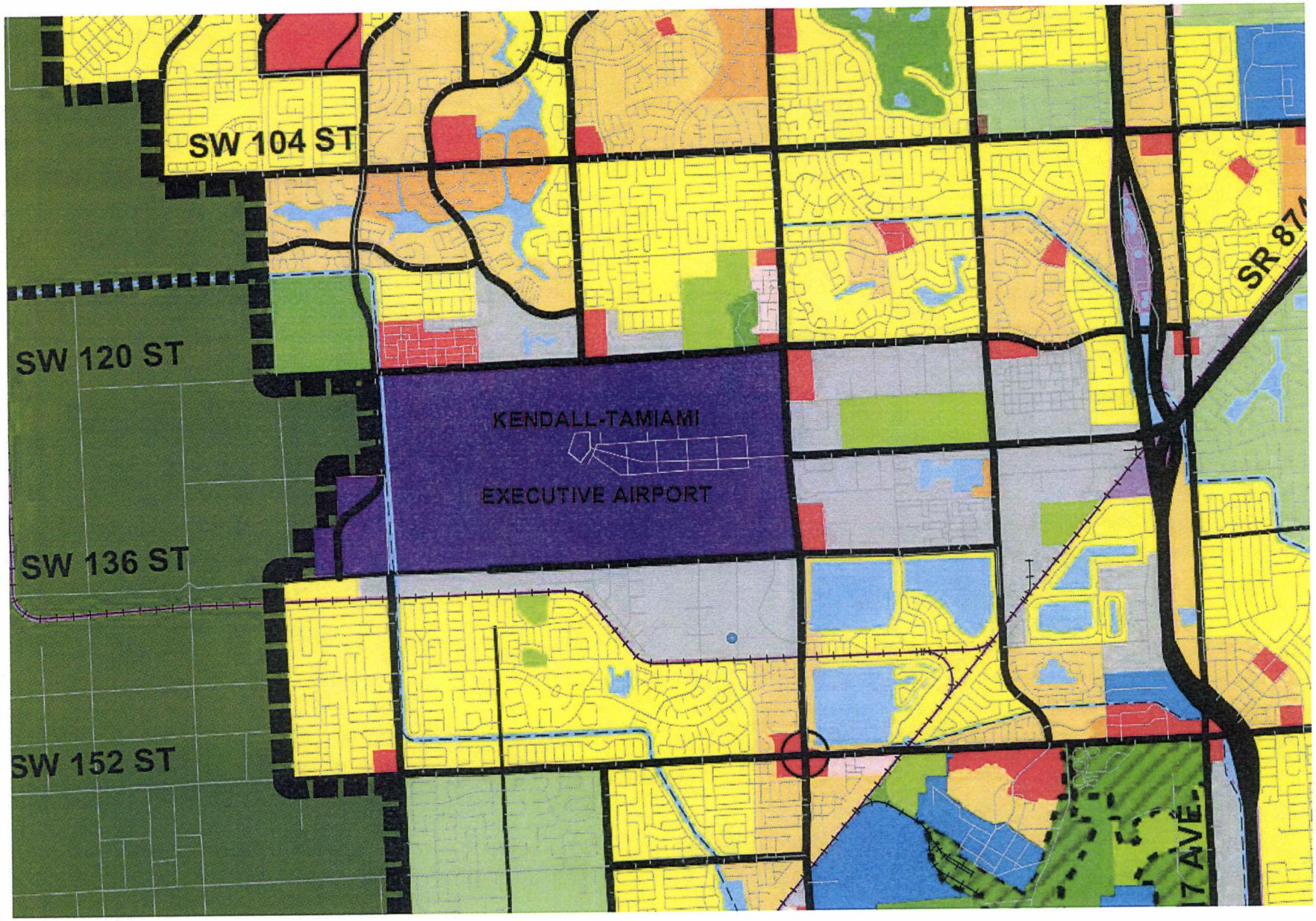
N25°39'
W 80°25'48"
W 80°24'36"
SW 124th St
SW 128th St
SW 129th St
SW 131st St
SW 132nd St
SW 133rd St
SW 136th St
SW 136th Terrace
Howard Dr
825
SW 137th St
SW 144th Pl
SW 143rd Ct
SW 148th Ave
Country Walk
14275 SW 139th Ct, Miami, FL 33186, USA
SW 144th Terrace
SW 145th Terrace
SW 145th St
SW 132nd Ave
SW 132nd Ct
SW 129th Ct
SW 128th Ct
SW 127th Ave
Three Lak

Interpretation of The Land Use Plan Map:

Policy of the Land Use Element.

In general, the typical residential development is incompatible with major industrial concentrations and shall not occur in areas designated as "Industrial and Office" on the LUP map to avoid use conflicts and for health and safety reasons. Exceptions may be granted for the following: (1) the development of live-work or work-live buildings or the adaptive reuse of existing structures for these purposes in areas of light industrial uses such as office, wholesale, distribution and the assembling of pre-manufactured parts; (2) the development of a TND as provided herein; and (3) the residential development of a portion of an industrially designated area where the portion is, a) 10 acres or smaller and is bounded on two or more sides by existing residential development or zoning, or is b) the perimeter of a Plan-designated industrial area which perimeter does not exceed a depth of 150 feet; and c) the subject portion of the industrially designated site immediately adjoins a currently developed or platted residential area and the Director of the Department of Planning and Zoning determines that the inclusion of a residential component in the Industrially designated area, designed to provide compatible transition along the boundary, is the best means of maintaining the quality of the adjoining residential area.

Notwithstanding the foregoing, applications for residential zoning that were properly filed prior to August 25, 2000, can be considered where adjoining land is residentially zoned, designated or developed. Residential developments in this land use category may participate in the inclusionary zoning program. The properties utilized for residential development will be eligible within the limits provided in this paragraph for the density allowances of the inclusionary zoning program in the Residential Communities section.

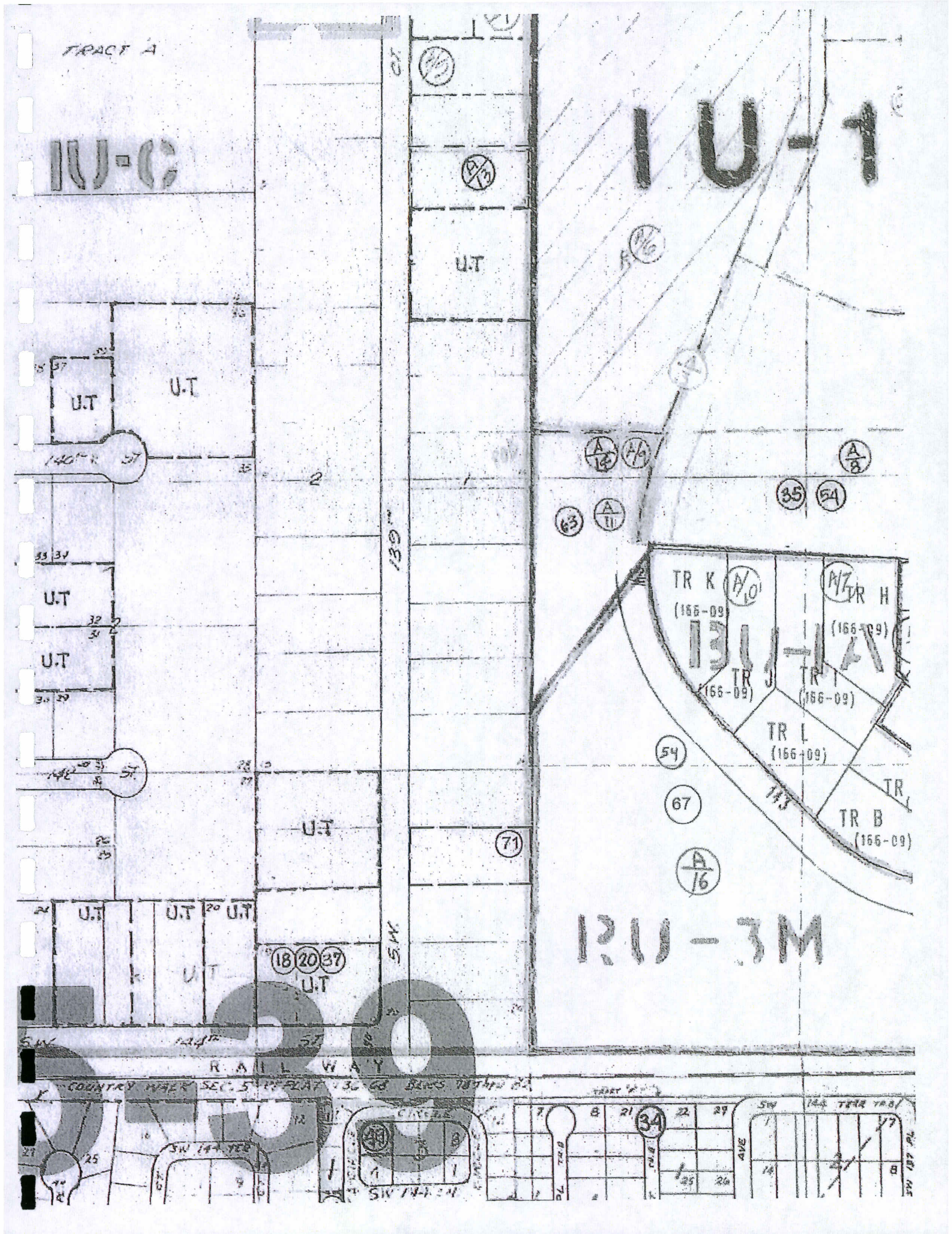


HEARING # 13-104 ARIES INV.

Sec. 33-267. Intent.

IU-C District shall be applied only to those lands that appropriately may be used and utilized for the development, construction and operation of large industrial projects and industrial park development of the nature, type and character commensurate with the public health, safety, comfort, convenience, and the general welfare of the County. It is intended that this district shall be utilized to provide an adequate reservoir of lands suited for the needs and requirements of large industries, and industrial park developments, to the end that desirable industrial concerns may be attracted to this area. It is intended, however, that this district shall not be used indiscriminately, so as to permit any industrial use which might be offensive or obnoxious by reason of the emanation of odors, gases, dust, noise or vibration, pollution of air or water, or otherwise detrimental to the general welfare of this community; but that it shall be restricted and confined to only those large industrial uses and industrial park type developments which produce a net gain to the community. It is recognized that the rapid development of new and different industrial uses and operations makes it impossible and impractical to accurately enumerate those which would be beneficial or detrimental to the welfare of this community. Therefore, the intent and purpose for the establishment of this district is expressly set forth, and standards set forth for the use of lands embraced within this district.

(Ord. No. 58-40, § 2(A), 10-7-58; Ord. No. 69-51, § 4, 9-3-69)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TR K
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(166-09)
TR L
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TR B
(166-09)
IU-1A
RU-3M
RAILWAY
COUNTRY WALK SEC. 5 PLAT 136-68
SW 144 TER
SW 144 TER
SW 144 TER
AVE
SW 147 PL
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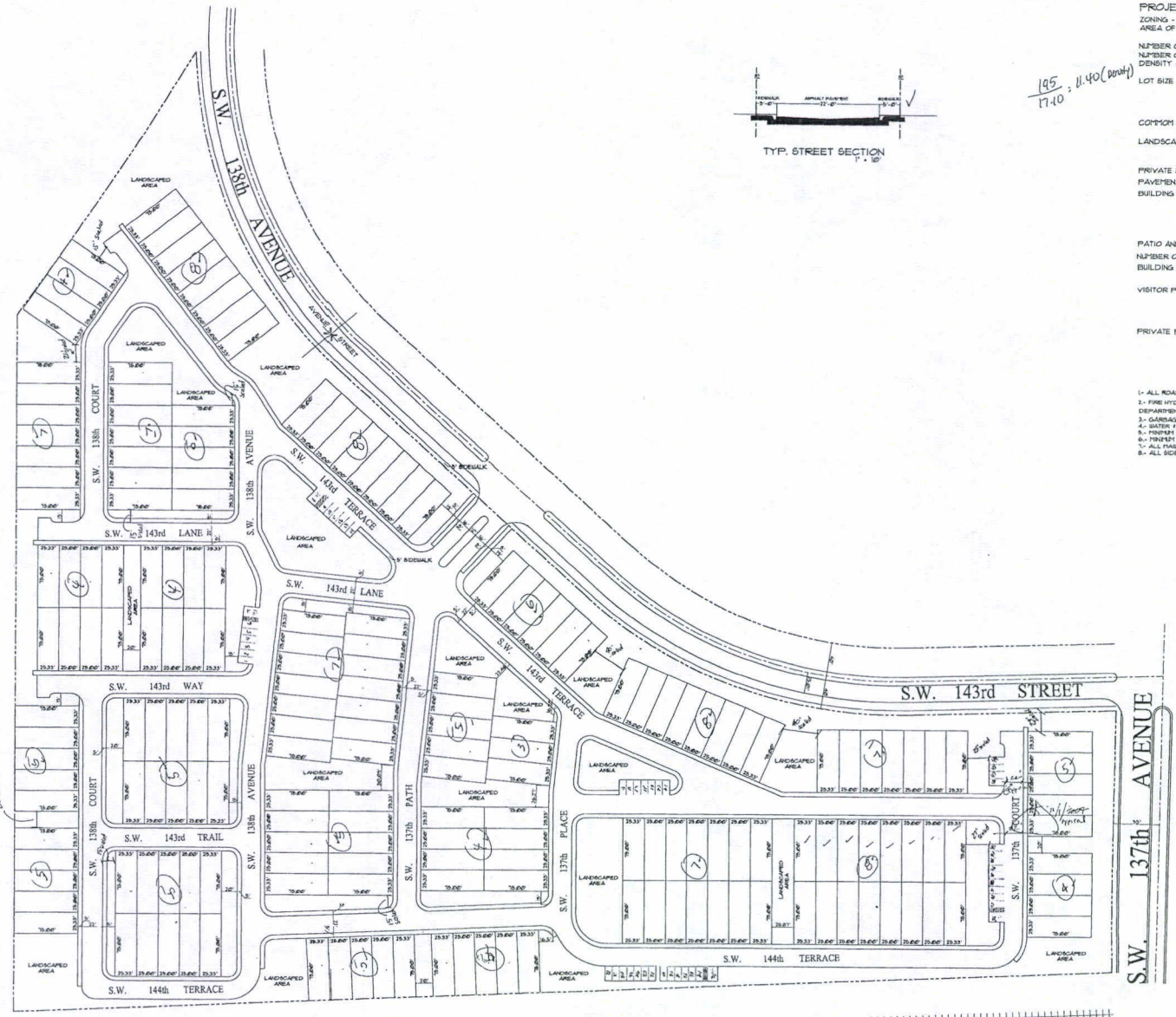


TYP. STREET SECTION
1" = 10'

PROJECT DATA.

ZONING - RU-3M
AREA OF PARCEL: 745,160.37 Sq.Ft. (17.10 ACRES)

NUMBER OF UNITS ALLOWED: 220.59
NUMBER OF UNITS PROVIDED: 195
DENSITY : ALLOWED : 12.9 UNITS/ACRE
PROVIDED: 11.40 UNITS/ACRE
LOT SIZE - MINIMUM ALLOWED: 1,250 SQUARE FEET
PROVIDED: 1,875 Sq.Ft.
AVERAGE ALLOWED = 1,500 Sq.Ft.
PROVIDED: 1,875 Sq.Ft.
COMMON OPEN SPACE - ALLOWED: 30 % OF LOT AREA (223,548.11 Sq.Ft.)
PROVIDED - 238,300.12 Sq.Ft. (31.98 %)
LANDSCAPED AREA - ALLOWED: 50 % OF OPEN SPACE (122,482.06 Sq.Ft.)
PROVIDED - 191,292.68 Sq.Ft.
SEE LS PLANS FOR LANDSCAPING CALCULATIONS
PRIVATE LOT AREA PROVIDED - 367,375.35 Sq.Ft. (49.30%)
PAVEMENT AREA - PROVIDED - 140,929.98 Sq.Ft.
BUILDING SET BACKS - FRONT: 25 FEET (FROM THE EDGE OF PAVEMENT)
- REAR: 25 FEET MINIMUM (BACK TO BACK)
- BETWEEN GROUPS OF BLDGS.: 15 FEET (MIN.)
- FRONT W/GARAGE: 20 FEET (FROM THE EDGE OF PAVEMENT)
- SIDE STREET: 15 FEET (FROM THE EDGE OF PAVEMENT)
PATIO AND SERVI. AREAS - ALLOWED: 400 Sq Ft. MIN. PER UNIT
NUMBER OF STORIES: 2 STORIES MAXIMUM
BUILDING HEIGHT - MAXIMUM ALLOWED: 40 FEET
- PROVIDED: 28 FEET
VISITOR PARKING SPACES - ALLOWED: 0.25 x 195 - 48.25 SPACES
PROVIDED: 49 SPACES
REGULAR SPACES = 47
HANDICAPPED SPACES = 2
PRIVATE PARKING - PROVIDED: 2 SPACES PER UNIT (386 SPACES)

195 / 17.10 = 11.40 (Density)

745,160.37 x 30% = 223,548

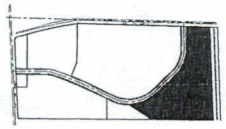
1/1/07

390 req.

1.- ALL ROADS SHOWN HEREIN ARE PRIVATE ROADS
2.- FIRE HYDRANTS (NUMBER & LOCATION) TO BE DETERMINED BY THE FIRE DEPARTMENT.
3.- GARBAGE COLLECTION TO BE CURBSIDE PICK-UP
4.- WATER & SEWER BY MIAMI-DADE WATER & SEWER DEPARTMENT
5.- MINIMUM INSIDE TURNING RADIUS FOR FIRE TRUCK SHALL BE 36'-6"
6.- MINIMUM OUTSIDE TURNING RADIUS FOR FIRE TRUCK SHALL BE 57'-0"
7.- ALL MAIL BOXES SHALL BE GANG TYPE AT LOCATIONS APPROVED BY U.S. POSTAL SERVICE
8.- ALL SIDEWALKS TO BE 4'-0" WIDE, UNLESS OTHERWISE NOTED

195 x 2 = 390 parking spaces req
195 x .25 = 49 visitors
439 parking spaces

RECEIVED
206.326
OCT 25 2007
ZONING HEARINGS SECTION
MIAMI-DADE PLANNING AND ZONING DEPT.
BY



KEY MAP
N.T.S

PARCEL "G"
1" = 60'

FELIX PARDO & ASSOCIATES, Inc.
ARCHITECTURE / PLANNING / INTERIORS
5455 S.W. 8th STREET, SUITE 205 - MIAMI, FLORIDA 33134
Phone: (305) 445-4555 Fax: (305) 445-7006 AA 0002478

EMPIRE VILLAS
SW142 Street & 137 Avenue, Miami, Florida.
MIAMI-DADE COUNTY

REVISIONS	BY

Date 09/05/07
Scale AS SHOWN
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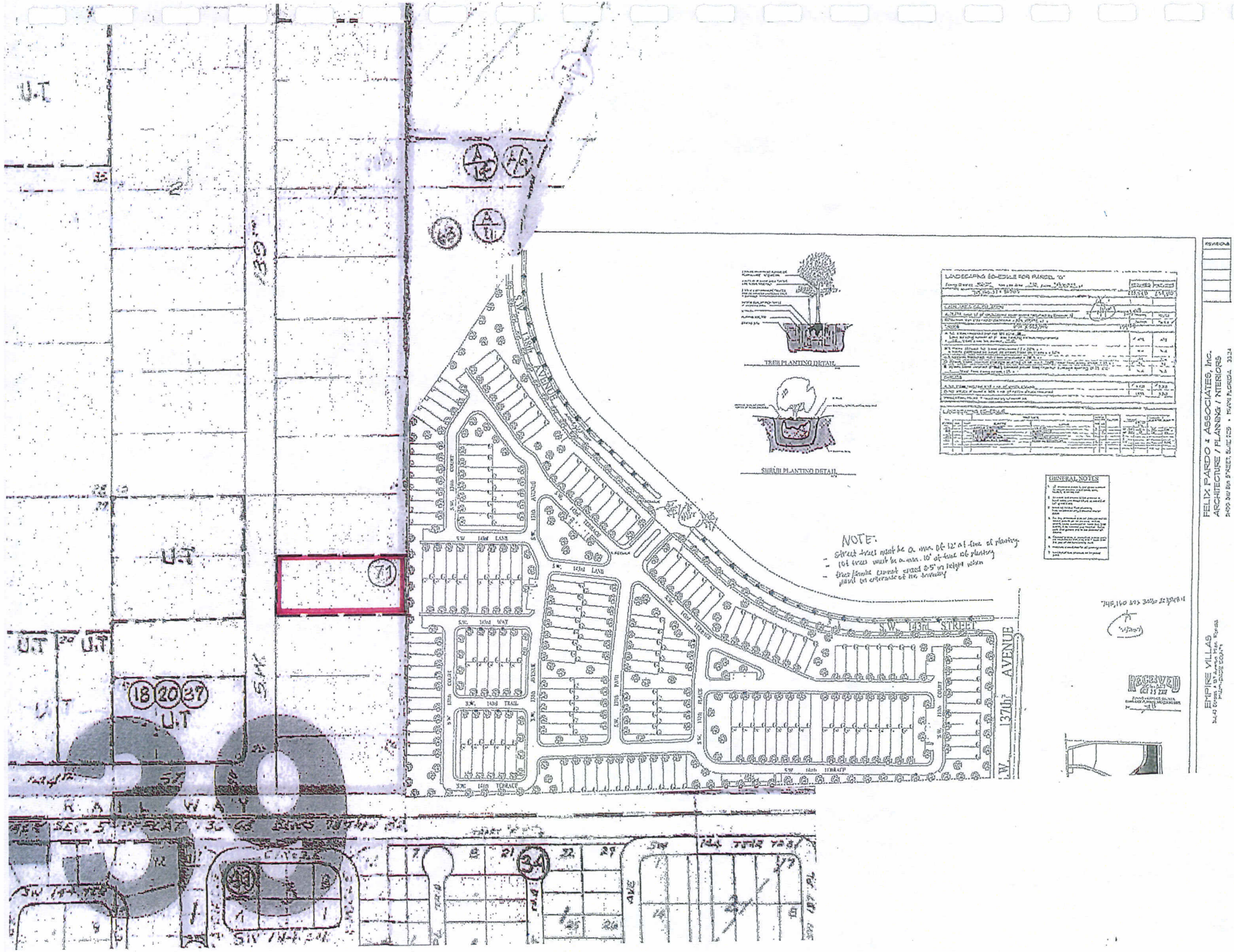

U.T
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RAILWAY
S.W. 143rd STREET
S.W. 137th AVENUE
S.W. 143rd LANE
S.W. 143rd WAY
S.W. 143rd TRAIL
S.W. 143rd TERRACE
S.W. 143rd PATH
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S.W. 143rd TERRACE
S.W. 143rd TERRACE
S.W. 143rd TERRACE
S.W. 137th AVENUE
S.W. 137th COURT
S.W. 137th PLACE
S.W. 137th COURT
S.W. 137th AVENUE
S.W. 137th AVENUE
TREE PLANTING DETAIL
SHRUB PLANTING DETAIL
LANDSCAPING SCHEDULE FOR PARCEL "G"
GENERAL NOTES
NOTE:
- Street trees must be a min. of 12' at time of planting.
- 10' trees must be a min. 10' at time of planting
- trees/shrubs cannot exceed 8.5' in height when paved in extensive of the boundary
RECEIVED
FELIX PARDO & ASSOCIATES, Inc.
ARCHITECTURE / PLANNING / INTERIORS
EMPIRE VILLAS

71
SW 16TH LANE
SW 16TH WAY
SW 16TH TRAIL
SW 16TH TERRACE
SW 16TH COURT
SW 16TH AVENUE
SW 16TH AVENUE
SW 16TH LANE
SW 16TH TERRACE
SW 16TH PATH
SW 16TH PLACE

present its recommendations to the appropriate Board at the advertised public hearing; otherwise, the Director and the Zoning Official shall furnish their reports and recommendations to the appropriate Board. The sole issue to be considered by the Board of County Commissioners or Community Zoning Appeals Board shall be whether the present zoning on the subject property is appropriate. In determining this issue, the Board of County Commissioners or the Community Zoning Appeals Board shall be guided by the standards and guides specified in this chapter. The Board of County Commissioners, or where appropriate, the Community Zoning Appeals Board after considering the items delineated herein and the criteria specified in this chapter, shall by resolution either reaffirm the existing zoning or rezone the subject property. The provisions of Section 33-316 relating to exhaustion of remedies and court review are fully applicable to proceedings held in accordance with this subsection.

Sec. 33-395. Land use zoning classifications for airports.

(A) Except as otherwise provided in this article, limitations on development of land, structures, and utilization of land within areas designated herein as being restricted due to non-compatibility with aircraft operations are in effect. In situations where land is beneath more than one land use classification the most restrictive shall apply. Restrictions to insure land use compatibility around Kendall-Tamiami Executive Airport are hereby established as follows:

(1) Inner District Zone (ILZ). New residential construction and educational facilities, excluding aviation, are not permitted within this land use classification.

(2) Outer District Zone (OLZ). New residential construction and educational facilities excluding aviation, within this land use classification are required to incorporate at least a 25 db Noise Level Reduction (NLR) into the design/construction of the structure.

(3) No School Zone (NSZ). New educational facilities, excluding aviation schools, are not permitted within this land use classification.

(4) Inner Safety Zone (ISZ). New residential construction, educational facilities (excluding aviation schools), churches and places of public assembly are not permitted within this land use classification.

(5) Outer Safety Zone (OSZ). Residential units are limited to less than two (2) per acre. Educational facilities (excluding aviation schools) and places of public assembly are not permitted.

G. **NEIGHBORHOOD SERVICES:**

DERM	**No objection***
Public Works	**No objection***
Parks	**No objection**
MDT	**No objection**
Fire Rescue	**No objection**
Police	**No objection**
Schools	**104 students/No objection**
Aviation	**No objection***

*Subject to conditions indicated in their memoranda.

IMPACT NOTE :

THIS STRUCTURE SHALL HAVE ALL EXTERIOR GLAZED OPENINGS PROTECTED BY IMPACT RESISTANT GLASS, BEARING A PRODUCT APPROVAL ACCEPTANCE NUMBER.

NOVEMBER

NOISE MITIGATION EVALUATION

Kendall-Tamiami Executive Airport

Prepared for
Miami-Dade Aviation Department

Prepared by
ESA Airports

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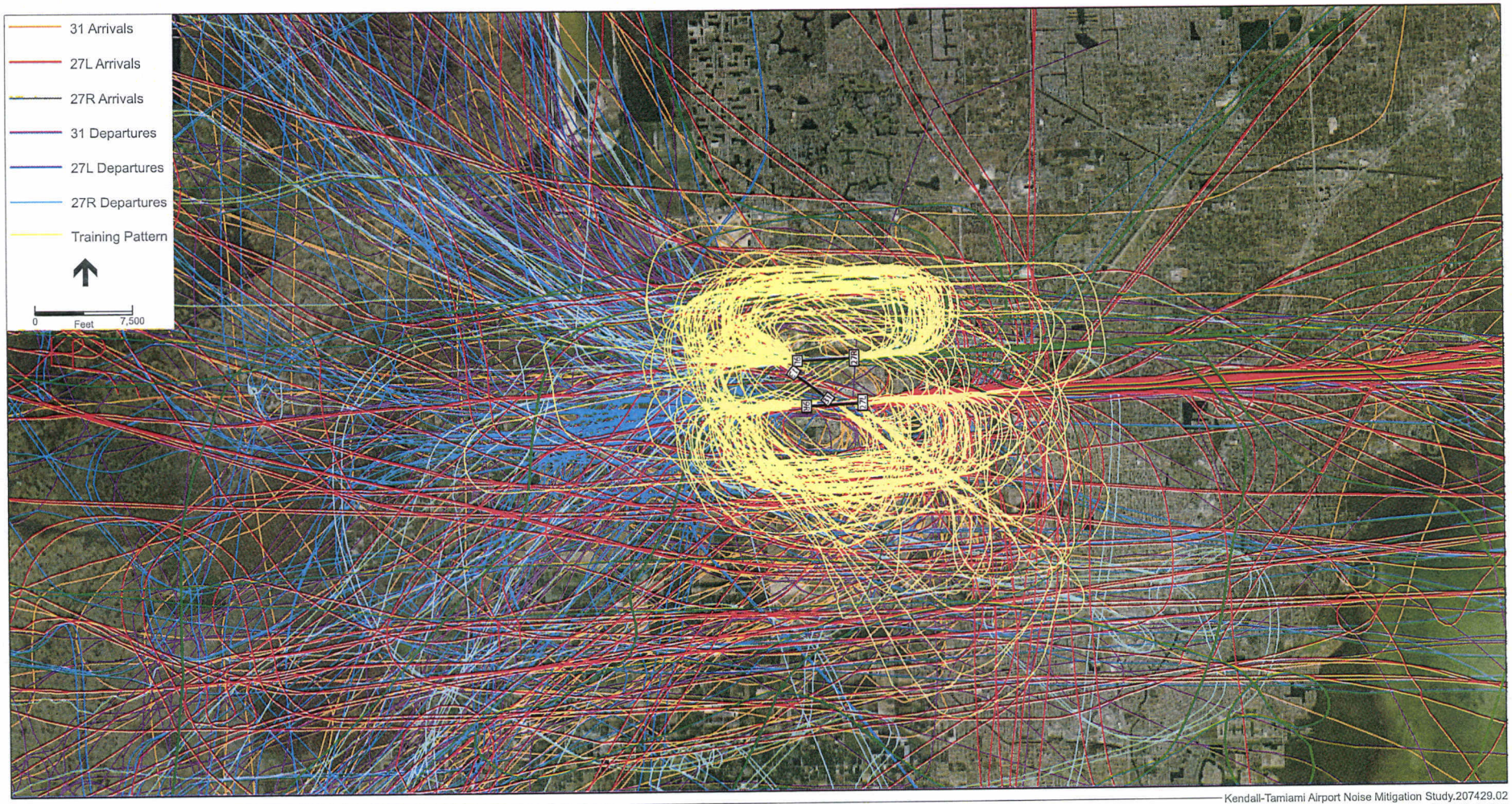

SOURCE: ESA Airports; INM 7.0a; TNIP; GlobeXplorer (2009-01-01)
NOTE: Flight tracks depicted represent three average days in west flow.

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Exhibit 3-3
Radar Flight Tracks - West Flow

TABLE 3-4
LAND USE COMPATIBILITY WITH YEARLY DAY-NIGHT AVERAGE SOUND LEVELS

Land Use	Yearly Day-Night Noise Level (DNL) in decibels					
	Below 65	65-70	70-75	75-80	80-85	Over 85
RESIDENTIAL						
Residential, other than mobile homes and transient lodgings	Y	N(1)	N(1)	N	N	N
Mobile home parks	Y	N	N	N	N	N
Transient lodgings	Y	N(1)	N(1)	N(1)	N	N
PUBLIC USE						
Schools	Y	N(1)	N(1)	N	N	N
Hospitals and nursing homes	Y	25	30	N	N	N
Churches, auditoriums and concert halls	Y	25	30	N	N	N
Government services	Y	Y	25	30	N	N
Transportation	Y	Y	Y(2)	Y(3)	Y(4)	Y(4)
Parking	Y	Y	Y(2)	Y(3)	Y(4)	N
COMMERCIAL USE						
Offices, business and professional	Y	Y	25	30	N	N
Wholesale and retail - building materials, hardware and farm equipment	Y	Y	Y(2)	Y(3)	Y(4)	N
Retail trade - general	Y	Y	25	30	N	N
Utilities	Y	Y	Y(2)	Y(3)	Y(4)	N
Communication	Y	Y	25	30	N	N
MANUFACTURING AND PRODUCTION						
Manufacturing, general	Y	Y	Y(2)	Y(3)	Y(4)	N
Photographic and optical	Y	Y	25	30	N	N
Agriculture (except livestock) and forestry	Y	Y(6)	Y(7)	Y(8)	Y(8)	Y(8)
Livestock farming and breeding	Y	Y(6)	Y(7)	N	N	N
Mining and fishing, resource production and extraction	Y	Y	Y	Y	Y	Y
RECREATIONAL						
Outdoor sports arenas and spectator sports	Y	Y(5)	Y(5)	N	N	N
Outdoor music shells, amphitheaters	Y	N	N	N	N	N
Nature exhibits and zoos	Y	Y	N	N	N	N
Amusements, parks, resorts and camps	Y	Y	Y	N	N	N
Golf courses, riding stables and water recreation	Y	Y	25	30	N	N

Numbers in parenthesis refer to notes.

* The designations contained in this table do not constitute a Federal determination that any use of land covered by the program is acceptable or unacceptable under Federal, State or local law. The responsibility for determining the acceptable and permissible land uses and the relationship between specific properties and specific noise contours rests with the local authorities. FAA determinations under Part 150 are not intended to substitute federally determined land uses for those determined to be appropriate by local authorities in response to locally determined needs and values in achieving noise compatible land uses.

Key to Table 1

SLUCM	Standard Land Use Coding Manual.
Y(Yes)	Land Use and related structures compatible without restrictions.
N(No)	Land Use and related structures are not compatible and should be prohibited.
NLR	Noise Level Reduction (outdoor to indoor) to be achieved through incorporation of noise attenuation into the design and construction of the structure.
25, 30 or 35	Land Use and related structures generally compatible; measures to achieve NLR of 25, 30 or 35 dB must be incorporated into design and construction of structure.

Notes:

(1) Where the community determines that residential or school uses must be allowed, measures to achieve outdoor to indoor NLR of at least 25 dB to 30 dB should be incorporated into building codes and be considered in individual approvals. Normal residential construction can be expected to provide a NLR of 20 dB, thus, the reduction requirements are often stated as 5, 10, or 15 dB over standard construction and normally assume mechanical ventilation and closed windows year round. However, the use of NLR criteria will not eliminate outdoor noise problems.

(2) Measures to achieve NLR of 25 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where normal noise level is low.

(3) Measures to achieve NLR of 30 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where normal noise level is low.

(4) Measures to achieve NLR of 35 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where normal noise level is low.

(5) Land use compatible provided that special sound reinforcement systems are installed.

(6) Residential buildings require an NLR of 25 dB.

(7) Residential buildings require an NLR of 30 dB.

(8) Residential buildings not permitted.

Source: FAA

In addition to the 65 DNL, Exhibits 3-4 and 3-5 also show the 60 DNL contour. This larger area can be of use in assessing noise mitigation measures discussed in Section 4 of this report. FAA studies have indicated that approximately 40 percent of the people located within the 60 DNL contour at an airport would be annoyed, to some extent, by aircraft noise.

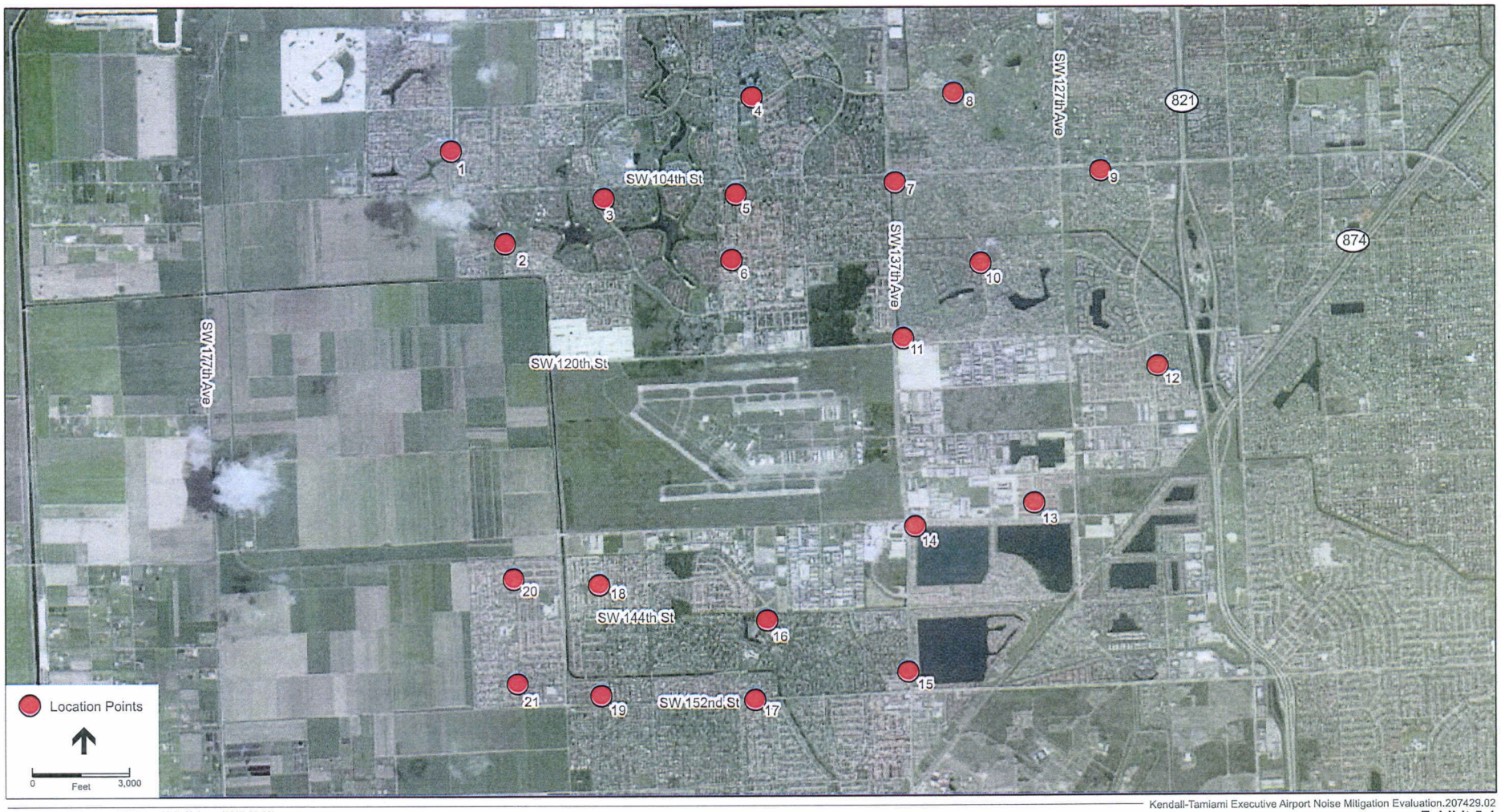
Other noise metrics use peak noise levels generated by aircraft. One noise metric, the Time-Above identifies the amount of time, in minutes per day, that a given decibel level is exceeded. The Time-Above metric differs from the DNL in that the Time-Above is measured using the noise levels of individual aircraft events whereas the DNL metric is a weighted average noise level over the course of a 24-hour day. The FAA encourages the use of alternative metrics in noise studies but, unlike the DNL, the Time-Above metric has no criteria to base the specific extent of annoyance. The noise levels used in the Time-Above analysis are in units of decibels.

The Time-Above analysis established a specific noise level and then indicates how many cumulative minutes per day this level would be exceeded in areas around the airport. For this study, the Time-Above 70 decibels was chosen as it represents the noise level that begins to disrupt normal speech communication. To provide an indication of the range of noise levels experienced in daily life, **Table 3-6** is provided. The table indicates the 70 decibels would be approximately equivalent to the noise level from a vacuum cleaner at a distance of 10 feet.

TABLE 3-6
TYPICAL DECIBEL (DBA) VALUES ENCOUNTERED IN DAILY LIFE AND INDUSTRY

Activity	dBA
Room in a quiet dwelling at midnight	32
Soft whispers at 5 feet	34
Window air conditioner	53
Conversational speech	60
Busy restaurant	65
Vacuum cleaner in private residence (at 10 feet)	69
Loudly reproduced orchestral music in large room	82
Heavy diesel truck (about 25 feet away)	92
Cut-off saw	97
Home lawn mower	98
150 cubic foot air compressor	100
Air hammer	107

**When distances are not specified, sound levels are the value at the typical location of the machine operator.*
Source: Aviation Noise Effects Report No. FAA-EE-85-2



SOURCE: ESA Airports; INM 7.0a; GlobeXplorer (2007-05-08)

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Exhibit 5-1
Grid Point Analysis Locations

TABLE 5-1
LAMAX NOISE LEVELS AT GRID POINTS

Site	Cessna 152	Beech Barron	Cessna 441	Learjet 35
1	65.6	73.0	67.6	82.1
2	66.0	77.0	69.7	83.9
3	61.5	72.9	60.8	71.1
4	60.1	68.3	61.3	71.1
5	61.4	72.7	62.3	72.1
6	59.9	69.0	62.2	71.9
7	63.0	72.8	64.6	75.6
8	61.8	69.7	62.7	72.7
9	62.3	70.3	64.1	74.9
10	65.2	73.3	67.5	81.9
11	67.9	79.3	72.0	87.0
12	64.8	74.1	73.3	78.6
13	68.1	77.8	71.7	84.6
14	68.9	80.1	72.9	87.9
15	67.9	77.3	69.8	84.3
16	64.5	76.8	69.3	83.6
17	67.4	77.2	69.8	84.1
18	57.6	71.4	63.9	76.2
19	61.5	72.8	60.9	71.0
20	62.0	74.4	67.2	80.6
21	61.2	72.6	62.3	72.1