



City of Dania Beach, Florida  
 Department of Community  
 Development Planning and Zoning  
 Division (954) 924-6805 X3643 (954)  
 922-2687 Fax

**Standard Development Application**

- Administrative Variance
- Land Use Amendment
- Plat
- Rezoning
- Site Plan
- Special Exception
- Variance
- Other: Design Variation

FEB 19 2015

Date Rec'd: \_\_\_\_\_

Petition No.: DT-26-15, SE-27-15  
YA-28-15

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESSARY DOCUMENTS. Refer to the application type at the top of this form and "Required Documentation" checklist to determine the supplemental documents required with each application. For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.

Location Address: 2 Dixie Highway, Dania Beach, FL 33004

Lot(s): 1 Block: 2-24 Subdivision: Magnolia Park

Recorded Plat Name: Dania Heights extension

Folio Number(s): 514203030010 Legal Description: SW attached

Applicant/Consultant/Legal Representative (circle one) HWC

Address of Applicant: 14 SE 4<sup>th</sup> Street, Boca Raton, FL 33432

Business Telephone: (561) 405-3324 Home: \_\_\_\_\_ Fax: (561) 409-2321

E-mail address: HCalhoun@dmbblaw.com

Name of Property Owner: American Maritime Officers Bldg. of Dania Beach, LLC

Address of Property Owner: 2 West Dixie Hwy.

Business Telephone: 954-920-4247 ex. 7558 Home: \_\_\_\_\_ Fax: 954-926-7209

Explanation of Request: Special Exception for operation of a marine school per city code section 302-10 variance from city code section 307-20 (c) / 309-10 regarding on-street parking design variation for building placement and landscaping.

For Plats please provide proposed Plat Name for Variances please attach Criteria Statement as per Section 625.40 of the Land Development Code.

Prop. Net Acreage: 2.98 Gross Acreage: 4.08 Prop. Square Footage: 9,865

Existing Use: Marine School Proposed Use: Marine School

Is property owned individually, by a corporation, association, or a joint venture? \_\_\_\_\_

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Hope Calhoun / Amber Blaw (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA  
COUNTY OF BROWARD  
The foregoing instrument  
was acknowledged

By: [Signature]  
(Owner / Agent signature\*)

BEFORE ME THIS 03 DAY OF Feb, 2015.

By: [Signature]  
(Print name of person acknowledging)

(Joint owner signature if applicable)

Notary [Signature]  
(Signature of Notary Public — State of \_\_\_\_\_)



Personally known  or Produced Identification \_\_\_\_\_

Type of identification produced: \_\_\_\_\_ or Drivers License \_\_\_\_\_

**\*If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

**NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.  
ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF  
BEFORE PROCESSING OCCURS.**

## PARKING VARIANCE JUSTIFICATION

American Maritime Officers Building of Dania Beach, LLC ("Owner") owns property located at 2 West Dixie Highway ("Property") in the City of Dania Beach ("City"). Owner has owned the Property for over 40 years and will demolish approximately 8,716 gsf in order to modernize the existing facility and construct approximately 31,000 gsf of member service uses in connection with its maritime school. In accordance with the recently submitted site plan, the proposed uses will include relocating existing offices and expanding the existing cafeteria capacity ("Site Plan").

As the Property is located within the CRA, the City is requiring certain on-street parking spaces in accordance with City of Dania Beach Land Development Code Section 309-10 (C)(1), *Construction of on-street parking* ("Code"). Specifically, as the requested parking is adjacent to a Broward County right-of-way, and would require the complete realignment of existing buildings, the Owner is requesting a variance from the requested on-street parking requirement.

Although the Owner is not able to provide the requested on-street parking on Dixie Highway, there will be sufficient parking to accommodate the uses on the Property, and students will feel a sense of place when they are on the Property as anticipated by the code. Further, as outlined below, the Owner does satisfy the variance criteria outlined in City Code section 625-40, and respectfully requests the granting of same.

### **Variance Section 625-40, Variance Review Criteria.**

*(1) That the requested variance maintains the basic intent and purpose of the subject regulations, particularly as it affects the stability and appearance of the city;*

As stated in the City Code, on-street parking is an important component of a complete urban street. The variance requested maintains the basic intent of this regulation. Specifically, as the Owner operates a marine campus on the Property which also has on-campus student housing, the concept of a pedestrian friendly urban street occurs naturally; as they walk through the campus. Given the improvements proposed by the Owner, any visitor to the Property will be able to safely walk on or near the Property and feel safe. Additionally, as the majority of the students who visit the campus do not drive, and utilize on-campus housing, the proposed parallel parking spaces would not be utilized as envisioned by the City. As parallel parking is generally intended to support commercial and residential (mixed uses), same would not be appropriate at this location because the Property is used as a school for students who typically come from other parts of the Country and stay on campus for an average of one week.

*(2) That the requested variance is otherwise compatible with the surrounding land uses and would not be detrimental to the community;*

The requested variance is compatible with the surrounding land uses. In fact, given the nature of the impacted portion of Dixie Highway that is adjacent to the Property, the installation of parallel parking

would probably make same incompatible with the surrounding uses. Further, as long as the Owner has operated, the neighborhood has benefited from all of the improvements made to the Property to date.

*(3) That the requested variance is consistent with, and in furtherance of, the goals, objectives and policies of the adopted Comprehensive Plan, as amended from time to time, and all other similar plans adopted by the city;*

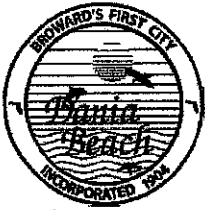
The requested variance does not create inconsistencies with the adopted comprehensive plan. Although the site plan does not provide on-street parking at Dixie Highway, the proposed development will create an enhanced, aesthetically pleasing environment that will create a warm and inviting atmosphere for those who visit the area. The aesthetic improvements created through the Site Plan will create a sense of place which will be an attractive improvement to the existing buildings. Further, as outlined in the intent section of the CRA regulations, the proposed improvements will lend to the creation of a community within a community.

*(4) That the plight of the petitioner is due to unique circumstances of the property or petitioner which would render conformity with the strict requirements of the subject regulations unnecessarily burdensome;*

Strict compliance with the regulations are unnecessarily burdensome on the Owner. Under normal circumstances, the changes requested by the Owner would likely be treated as a site plan amendment; minor demolition, expansion, and exterior improvements. However in this Case, the Owner is forced to go through the entire development process because there is no site plan for the Property in the City's file.

*(5) That the variance requested is the minimum variance that is necessary to afford relief to the petitioner, while preserving the character, health, safety and welfare of the community.*

The requested variance is the minimum that is necessary to afford relief while preserving the character, health, safety and welfare of the community. Specifically as outlined herein, although not meeting the letter of the Code by providing parallel parking along Dixie Highway, the Owner will still create an inviting environment for the area once redesigned. The new marine campus will be a jewel in the CRA which will have pedestrian friendly design that the City and the residents can be proud of. Further, the re-designed campus will create a sense of community and a world class destination.



**City of Dania Beach, Florida**  
**Department of Community Development**  
**Planning and Zoning Division**  
 (954) 924-6805 X3643

**RECEIVED**  
 OCT 02 2014  
 Planning Department

**Standard Development Application**

- Administrative Variance
- Land Use Amendment
- Plat
- Rezoning
- Site Plan
- Special Exception
- Variance
- Other: \_\_\_\_\_

Date Rec'd: \_\_\_\_\_

Petition No.: SP-102-14  
VR-103-14

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

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Location Address: 2 DIXIE HIGHWAY, DANIA BEACH, FLORIDA 33004

Lot(s): 1 Block: 2-24 Subdivision: Magnolia Park

Recorded Plat Name: Dania Heights Extension

Folio Number(s): 5142 03 03 0010 Legal Description: magnolia park 2-24 B Lots 1 LESS PT for E/W, 2, 3, 4, 5, 6, 7, 8, 9 to 11, 12, 13-19

Applicant Consultant/Legal Representative (circle one) Adrianna Martinez

Address of Applicant: 2 West Dixie Highway

Business Telephone: 954 920 4247 ext 1558 Home: \_\_\_\_\_ Fax: 954 920 7209

E-mail address: amartinez@amoplans.com

Name of Property Owner: American Maritime Officers Building of Dania Beach, LLC

Address of Property Owner: 2 West Dixie Highway

Business Telephone: 954 920 4247 ext 1558 Home: \_\_\_\_\_ Fax: 954 920 7209

**Explanation of Request:** See application attachments  
 For **Plats** please provide proposed **Plat Name** for **Variations** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.**

Prop. Net Acreage: 2.98 Gross Acreage: 4.08 Prop. Square Footage: 9,865

Existing Use: BUSINESS Proposed Use: BUSINESS

Is property owned individually, by a corporation, association, or a joint venture? no

**AUTHORIZED REPRESENTATIVE**

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize \_\_\_\_\_ (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA  
COUNTY OF BROWARD  
The foregoing instrument  
was acknowledged

By: [Signature]  
(Owner / Agent signature\*)

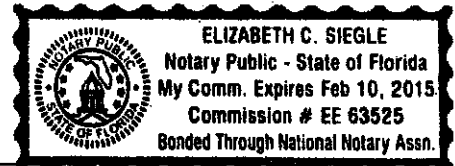
BEFORE ME THIS 1<sup>st</sup> DAY OF Oct, 2014

By:

Elizabeth C. Siegle  
(Print name of person acknowledging)

\_\_\_\_\_  
(Joint owner signature if applicable)

Notary [Signature]  
(Signature of Notary Public - State of Florida)



Personally known  or Produced Identification \_\_\_\_\_

Type of identification produced: \_\_\_\_\_ or Drivers License \_\_\_\_\_

**\*If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

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BEFORE PROCESSING OCCURS.**



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Miami, FL 33130  
Phone: +1 786.497.1500  
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[www.chenmoore.com](http://www.chenmoore.com)

October 2<sup>nd</sup>, 2014

Submitted via hard copy, hand delivered

City of Dania Beach  
Department of Community Development  
Planning and Zoning Division  
100 W. Dania Beach Blvd.  
Dania Beach, FL 33004

**Re: Standard Development Application – Parking Variance**

To Whom It May Concern:

Please accept this Standard Development Application submittal in reference to American Maritime Officers Plans Member Services Building. This application includes both a site plan and request for parking variance. This memorandum serves as a summary of the attached items submitted as a part of the application for the parking variance. The submitted items follow the City of Dania Beach Code of Ordinance requirements for Site Plan and Variance submittals.

Included and attached as a part of the Standard Development Application, Parking Variance package:

- 1- American Maritime STAR Center Parking Analysis, completed by Kimley-Horn and Associated, dated August 12, 2014.
- 2- Drawings, including Site Plan.

For more detail on the parking analysis performed including research and discussion addressing Section 265-50 of the City of Dania Beach Code of Ordinances, please refer to the attached report titled American Maritime STAR Center Parking Analysis.

Respectfully Submitted,

A handwritten signature in black ink that reads 'Amanda C. Smith'. The signature is written in a cursive, flowing style.

CHEN MOORE AND ASSOCIATES  
Amanda C. Smith, E.I.  
Associate Engineer



August 12, 2014

Ms. Adrianna Martinez  
AMO Safety and Education Plans  
2 West Dixie Highway  
Dania Beach, Florida 33004

**RE: American Maritime STAR Center Parking Analysis**

The purpose of this memorandum is to determine appropriate parking requirements for the American Maritime STAR Center located primarily northwest of the Dixie Highway and US 1 intersection in Dania Beach, Florida. The site currently supports 13,547 square feet (sf) of business/vocational school, 30,744 sf of business office, and 126 beds distributed among various residential facilities for the Center's student population. AMO Safety and Education Plans is proposing to construct a 28,000 square-foot expansion that will include space for office use and a galley/dining area.

The project site provides 229 on-site parking spaces for students and staff of the American Maritime STAR Center. The Center also has an agreement with Lighthouse Community Church, located immediately north of the American Maritime STAR Center, to share their 66 parking spaces yielding a total 295 spaces currently available to students and staff the Center. Figure 1, included as Appendix A, shows the location of the project site.

**Code Required Parking Spaces**

Section 265-50 of the City of Dania Beach Code of Ordinances provides standard requirements for the determination of off-street parking thresholds per land use. Based on these requirements, the American Maritime STAR Center should provide 548 parking spaces (reference Table 1) including 94 spaces for the 28,000 sf expansion. Please note that for purposes of this analysis, the expansion is considered an office use.

Land Use	Intensity	Rate	Required Parking Spaces
			Code
Hotel	126 rooms	1/room	126
Office	30,744 sf	1/300 sf	102
Vocational School	13,547 sf	1/60 sf of classroom instruction area	226
Expansion (Office/Dining)	28,000 sf	1/300 sf	94
<b>Total Code Required Parking Spaces</b>			<b>548</b>



As the American Maritime STAR Center provides 229 on-site parking spaces and 548 spaces are required, the Center does not meet the City of Dania Beach Code of Ordinances for off-street parking. Techniques including Shared Parking and Shared Users are, as a result, explained and the results quantified in this analysis.

## Shared Parking

*Shared Parking* means that parking spaces are shared by more than one user, thereby allowing parking facilities to be used more efficiently. Shared Parking takes advantage of the fact that most parking spaces are only used part time by a particular motorist or group (the Lighthouse Community Church, for example), and have a significant portion of unused spaces with utilization patterns that follow predictable daily, weekly, and annual cycles.

Parking can be shared among different buildings and facilities in an area to take advantage of different peak periods. For example, an office complex can efficiently share parking facilities with a restaurant or theater, since offices require maximum parking during weekdays, while restaurants and theaters require maximum parking during evenings and weekends. Similarly, the Lighthouse Community Church typically peaks on the weekend (both Saturday and Sunday) and on Wednesday evening when a 7:00 PM Bible Study is conducted, which allows American Maritime STAR Center to utilize the 66 church-related parking spaces on weekdays.

## Shared Users

While parking generation rates for individual land uses within multi-use developments may be the same or similar to those for free-standing sites, there is potential for interaction among those uses within the multi-use site. As a result, the total parking demand for multi-use sites may be reduced from simply a sum of the individual parking space rates assigned to each land use.

The *Trip Generation Handbook* published by ITE explains that internal trip-making commonly occurs at multi-use developments. For example, trips made by office workers to shops, restaurants, or banks may occur within a typical site without use of motorized vehicles or external roadways. These trips are defined as internal to (or 'captured' within) the multi-use site and corresponds to a diminished need for parking spaces. Similarly, trips made by patrons of the on-site hotel use (126 beds) to on-site classrooms/facilities are captured within the American Maritime STAR Center site and will, as a result, correspond to a reduced need for parking spaces.

As the American Maritime STAR Center does not meet the City of Dania Beach Code of Ordinances for off-street parking with or without the proposed expansion, parking observations were conducted over a two (2) day period to determine the actual peak parking demand of the Center.

## Parking Analysis

The City of Dania Beach, as summarized in Table 1, requires the site to provide 454 parking spaces based on uses currently existing. The proposed expansion will require an additional 94 spaces yielding a total future requirement of 548 spaces.

## Data Collection

Classes for the American Maritime STAR Center are in session from 8:00 A.M. to 4:00 P.M. Monday through Friday. To provide a conservative analysis, parking observations were conducted between 7:00 A.M. and 5:00 P.M. on two typical weekdays (Wednesday, June 11, 2014 and Thursday, June 12, 2014). Parking areas (including the 66 spaces owned by the Lighthouse Community Church) were separated into ten different analysis zones. Parking observations were noted in 15-minute intervals and the peak parking demand determined for each period. Figure 2, included as Attachment B, illustrates the location of each parking zones. Raw parking data collection sheets are provided as Attachment C.

## Results

Based on the parking evaluation, the peak parking occupancy observed on Wednesday was 55 percent (162 occupied parking spaces) which occurred at 10:00 AM. The peak parking occupancy observed on Thursday was 52 percent (152 occupied parking spaces) which occurred at 10:45 AM. Table 2 summarizes the peak parking demand and the parking occupancy for Wednesday and Thursday's parking observations.

Table 2: Peak Parking Demand		
Peak Total	Peak Vehicle Occupancy	%
Wednesday (06/11/14) at 10:00 AM	162	55
Thursday (06/12/14) at 10:45 AM	152	52

Because the proposed expansion will be affiliated with the existing American Maritime STAR Center and will not serve the general public, increased parking demand is not expected. Therefore, with a maximum peak parking demand of 162 spaces observed at the existing Center, the 229 on-site parking spaces are expected to adequately serve the site with the expansion as proposed.

The expansion will, however, result in the loss of nine (9) parking spaces. As a result, the Center is expected to have access to approximately 286 parking spaces (220 on-site and 66 church spaces). Based on the 286 parking spaces available to the Center, the future parking demand is expected to be fully accommodated.

## Traffic Demand Management Strategies

Transportation demand management, traffic demand management or travel demand management (all TDM) is the application of strategies and policies to reduce travel demand (specifically that of single-occupancy private vehicles), or to redistribute this demand in space or in time. Several TDM strategies that may prove successful for the American Maritime STAR center site include:

- Implement staggered class hours,

- Provide bicycle storage and changing facilities,
- Improve public transportation infrastructure,
- Subsidize transit costs for employees or residents,
- Encourage flex-time work schedules, and
- Provide traveler information tools, including mobile and social applications or way finding tools.

## Conclusion

This study addresses parking requirements of the American Maritime STAR Center. The Center is proposing to construct a 28,000 sf expansion that will include space for office and galley/dining uses.

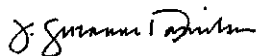
The American Maritime STAR Center currently has access to 295 parking spaces, with 66 of those spaces shared with the Lighthouse Community Church. Based on the City of Dania Beach Code of Ordinances, the Center (at buildout of the proposed expansion) will require a total of 548 parking spaces. A parking analysis was conducted to determine actual demand of the Center.

Based upon the analysis completed, the peak parking occupancy observed at the Center was 55 percent (162 occupied spaces). Upon elimination of nine (9) existing spaces due to the proposed expansion, the Center will have access to a total 286 spaces (220 on-site and 66 church spaces). Based on these results, the American Maritime STAR Center is expected to have adequate spaces to meet future parking demand.

In addition, the Center is investigating means by which to reduce travel demand through applicable Traffic Demand Management Strategies. Techniques that may prove successful for the American Maritime STAR Center include adjusting class hours, improving pedestrian and bicycle facilities, and encouraging flexible work hours.

Of course, should you have questions or require additional information please do not hesitate to contact me directly at [suzanne.danielsen@kimley-horn.com](mailto:suzanne.danielsen@kimley-horn.com) or by phone at (954) 535-5100.

Sincerely,



J. Suzanne Danielsen, P.E.

Attachments

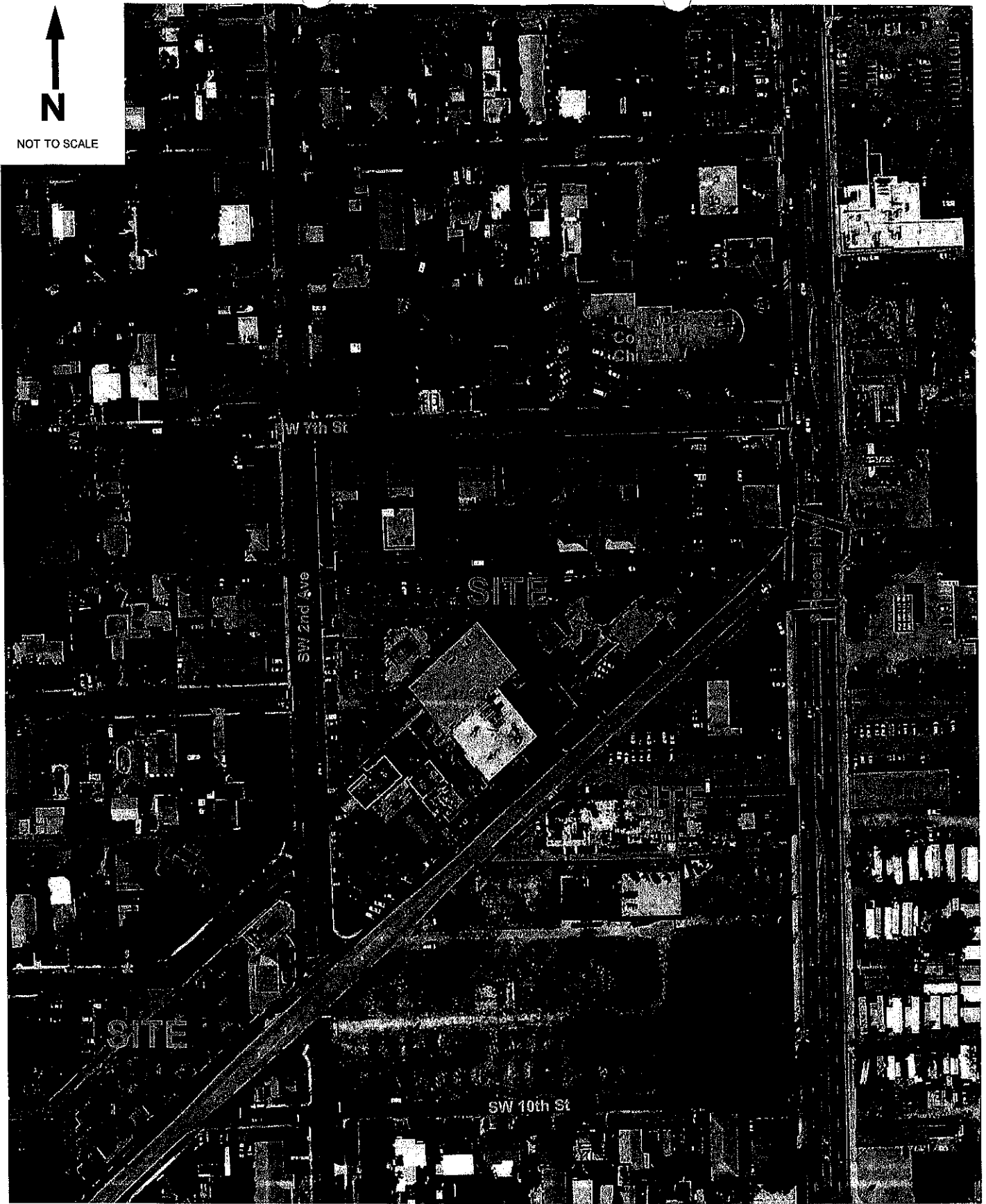
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J. Suzanne Danielsen, P.E.  
Florida Registration Number 42533  
Kimley-Horn and Associates, Inc.  
5200 NW 33<sup>rd</sup> Avenue, Suite 109  
Fort Lauderdale, FL 33309  
CA # 00000696

# **ATTACHMENT A**



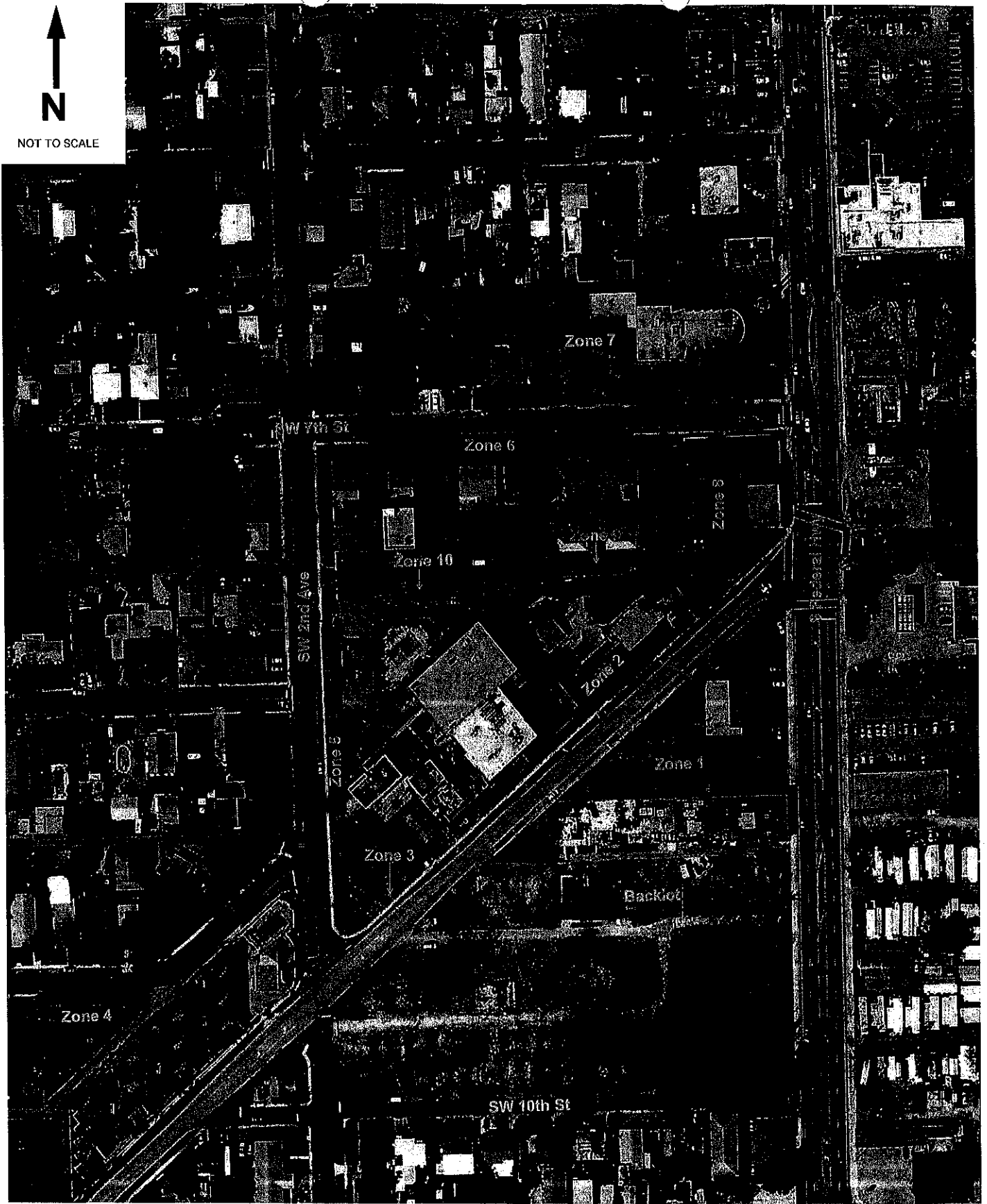
NOT TO SCALE



# **ATTACHMENT B**



NOT TO SCALE



# **ATTACHMENT C**



# Raw Data Collection Sheets

Raw Data Collection Sheet (Wednesday)														
Time	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8	Zone 9	Zone 10	Backlog	Motorcycles in Zone 10	Total	% Occupied
7:00 AM	14	2	3	10	7	2	9	9	2	6	2	3	69	23%
7:15 AM	14	2	3	10	7	2	9	9	2	6	2	3	69	23%
7:30 AM	17	3	4	10	10	2	9	9	4	6	2	3	79	27%
7:45 AM	26	4	5	10	12	2	10	11	2	6	4	3	95	32%
8:00 AM	42	4	6	10	18	2	12	12	2	7	4	4	123	42%
8:15 AM	42	4	6	10	19	2	13	12	2	8	4	4	126	43%
8:30 AM	47	5	7	10	19	2	13	14	2	9	4	4	136	46%
8:45 AM	51	6	7	10	21	2	15	15	2	9	5	4	147	50%
9:00 AM	53	6	7	9	23	2	15	14	2	9	5	4	149	51%
9:15 AM	57	6	7	9	22	2	16	15	2	9	5	4	154	52%
9:30 AM	56	6	8	9	24	2	17	15	2	9	5	4	157	53%
9:45 AM	58	6	7	9	25	2	17	15	2	9	5	4	159	54%
10:00 AM	59	7	6	9	26	2	18	15	2	9	5	4	162	55%
10:15 AM	55	7	5	9	25	2	18	15	2	9	5	4	156	53%
10:30 AM	50	7	5	9	25	2	19	15	2	9	5	4	152	52%
10:45 AM	51	8	6	9	26	2	19	15	2	9	5	4	156	53%
11:00 AM	51	7	5	9	26	2	23	15	2	9	5	4	158	54%
11:15 AM	51	7	5	9	26	2	25	15	2	10	5	4	161	55%
11:30 AM	48	7	4	9	26	2	24	14	3	10	5	4	156	53%
11:45 AM	49	6	4	9	26	2	23	14	4	10	5	4	156	53%
12:00 PM	47	6	5	9	25	2	23	15	4	9	4	4	153	52%
12:15 PM	44	6	5	9	23	2	20	14	4	9	4	4	144	49%
12:30 PM	43	7	6	9	24	2	21	15	3	9	5	4	148	50%
12:45 PM	42	6	5	9	24	2	20	16	3	9	5	4	145	49%
1:00 PM	43	7	6	9	23	2	21	16	3	9	5	4	148	50%
1:15 PM	42	8	7	9	21	2	22	16	3	9	4	4	147	50%
1:30 PM	44	7	7	9	21	2	24	16	2	10	3	4	149	51%
1:45 PM	50	7	7	9	18	1	24	15	3	10	4	4	152	52%
2:00 PM	46	7	8	9	22	1	20	15	2	10	5	4	149	51%
2:15 PM	45	7	7	9	23	1	15	15	2	10	5	4	143	48%
2:30 PM	45	7	6	9	23	1	13	15	1	10	5	4	139	47%
2:45 PM	46	6	6	9	22	1	11	14	2	10	5	4	136	46%
3:00 PM	43	7	7	9	24	1	12	12	2	10	5	4	136	46%
3:15 PM	37	7	6	10	23	1	12	13	1	11	3	3	127	43%
3:30 PM	35	6	5	9	23	2	10	13	2	11	3	3	122	41%
3:45 PM	37	6	5	7	20	2	10	13	2	10	3	3	118	40%
4:00 PM	33	4	5	7	19	2	10	10	3	9	3	3	108	37%
4:15 PM	20	5	4	6	11	2	5	8	2	10	1	1	75	25%
4:30 PM	12	5	3	6	9	2	3	9	2	8	1	1	61	21%
4:45 PM	12	5	3	6	7	2	3	8	2	8	1	1	58	20%
5:00 PM	18	5	2	6	6	2	4	7	2	7	1	1	61	21%
TOTAL AVAILABLE SPOTS IN EACH ZONE	64	10	11	19	29	14	66	39	9	19	13	2	295	

Raw Data Collection Sheet (Thursday)														
Time	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8	Zone 9	Zone 10	Backlog	Motorcycles in Zone 10	Total	% Occupied
7:00 AM	15	4	3	11	6	1	9	8	0	6	1	1	65	22%
7:15 AM	15	4	3	10	7	1	10	10	0	6	2	1	69	23%
7:30 AM	21	4	3	10	7	1	10	10	0	6	2	2	76	26%
7:45 AM	28	6	3	10	10	1	11	10	0	6	5	2	92	31%
8:00 AM	41	8	3	10	15	1	12	11	0	7	7	2	117	40%
8:15 AM	44	8	4	8	18	1	13	13	0	8	7	2	126	43%
8:30 AM	45	8	4	8	18	1	14	14	0	8	7	2	129	44%
8:45 AM	49	8	5	8	21	1	14	14	0	8	7	2	137	46%
9:00 AM	57	8	5	7	20	1	15	14	0	9	8	2	146	49%
9:15 AM	60	8	5	7	19	1	14	16	0	9	8	2	149	51%
9:30 AM	58	8	5	7	16	1	13	14	1	9	8	2	142	48%
9:45 AM	59	8	5	7	21	1	15	15	0	8	8	2	149	51%
10:00 AM	56	9	5	6	17	1	14	16	0	9	5	2	140	47%
10:15 AM	54	10	5	6	20	1	17	15	1	9	7	2	147	50%
10:30 AM	55	10	4	6	20	1	18	15	2	9	7	2	149	51%
10:45 AM	55	10	4	7	20	1	20	16	1	9	7	2	152	52%
11:00 AM	55	9	4	7	19	1	20	15	2	9	7	2	150	51%
11:15 AM	53	9	4	7	21	1	20	15	2	9	7	2	150	51%
11:30 AM	52	7	5	8	19	1	21	14	2	9	7	2	147	50%
11:45 AM	51	7	6	8	19	1	21	14	3	9	7	2	148	50%
12:00 PM	49	8	7	9	20	1	17	14	2	9	7	2	145	49%
12:15 PM	43	7	8	9	17	1	16	15	0	9	6	2	133	45%
12:30 PM	45	8	6	9	17	1	16	14	0	9	6	2	133	45%
12:45 PM	47	7	6	7	17	1	16	15	0	10	6	2	134	45%
1:00 PM	45	9	6	7	16	1	17	14	0	10	6	2	133	45%
1:15 PM	46	9	5	7	16	1	17	14	0	10	6	2	133	45%
1:30 PM	47	8	5	7	16	1	16	13	1	9	6	2	131	44%
1:45 PM	46	8	3	7	17	1	16	13	2	9	6	2	130	44%
2:00 PM	45	8	3	6	18	0	9	13	1	9	6	2	120	41%
2:15 PM	47	9	3	6	17	0	8	12	1	9	6	2	120	41%
2:30 PM	42	9	3	6	19	0	7	12	1	9	5	2	115	39%
2:45 PM	43	9	3	6	17	0	9	12	2	9	7	2	119	40%
3:00 PM	39	7	3	6	17	0	9	11	2	9	6	2	111	38%
3:15 PM	41	9	3	5	17	0	8	12	2	9	5	2	113	38%
3:30 PM	39	8	3	5	16	0	10	12	2	9	5	2	111	38%
3:45 PM	41	6	3	4	16	0	11	13	2	8	4	2	110	37%
4:00 PM	32	4	2	3	13	0	9	11	2	8	2	2	88	30%
4:15 PM	23	4	2	3	8	0	8	6	2	7	1	2	66	22%
4:30 PM	13	2	1	3	7	0	7	5	2	9	1	2	52	18%
4:45 PM	12	2	1	3	7	0	6	5	2	9	1	2	50	17%
5:00 PM	12	2	1	3	6	0	6	6	2	9	1	2	50	17%
TOTAL AVAILABLE SPOTS IN EACH ZONE	64	10	11	19	29	14	66	39	9	19	13	2	295	