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To:Gerardo Martinez, Public Works<br/>City of Commerce CityFrom:Brian Horan, P.E., PTOE<br/>GallowayDate:April 22, 2024<br/>Revised: September 16, 2024Re:Mile High Greyhound Park – DPC Companies<br/>Traffic Conformance Letter



### INTRODUCTION

This memorandum provides the results of a traffic conformance analysis performed in support of site plan to build commercial uses on Tract B of the Mile High Greyhound Park redevelopment. The site is located in the northeast quadrant of Highway 2 and E 62<sup>nd</sup> Avenue. The site location is shown on Figure 1.



Figure 1 – Site Location

### BACKGROUND

The subject site (Tract B) was previously studied as part of a larger proposed development, Mile High Greyhound Park, which was supported by a Traffic Impact Study (TIS) completed November 2016 by Kimley Horn. The subject site was specifically studied as a portion of "Block 1" in the TIS which was planned for commercial uses including a hotel, retail, and large format retail. The full planning area for Mile High Greyhound Park is shown on Figure 2.



Figure 2 – Overall Mile High Greyhound Park

The TIS analyzed Lot 1 which encompasses the subject site with the following use:

- 64 KSF Retail
- 150 Key Hotel

Excerpts from the TIS are included as Attachment I.

The Applicant, DPC Companies, proposes to develop the subject site within Lot 1 (Tract B) with a single tenant drive through use, coffee shop, and two restaurant uses. A copy of the conceptual site plan is provided as Attachment II.

The following memorandum has been prepared for the City as requested. The purpose is to evaluate the traffic generated by the currently proposed conceptual development in comparison to the assumed development program by the approved TIS.

### TIS TRIP GENERATION AND RECOMMENDATIONS

As mentioned previously, the TIS is dated November 2016 and contemplates 64 KSF of Retail and a 150 key hotel for the subject site within the Commercial Lot 1 (Tract B) of Mile High Greyhound Park. The TIS forecasted trip generation estimates for the above development program based on rates/equations published in the Institute of Transportation Engineers (ITE) *Trip Generation Manual*, 9<sup>th</sup> Edition and industry standard methodologies which included both internal capture and pass-by rates.

The TIS concluded that in order to accommodate the projected volumes a number of roadway improvements would need to be provided. Suggested intersection geometries were provided for all affected intersections and access points included in the TIS including additional CDOT signalization improvements as a result of the safety study reference in the TIS. Excerpts from the TIS are included herein as Attachment I. As determined by virtual field reconnaissance of the area, the existing

intersections surrounding the subject site have been constructed generally consistent with the recommendations of the TIS.

### PROPOSED DEVELOPMENT AND TRIP GENERATION COMPARISON

#### Overview

The Applicant is proposing two restaurant uses totaling 8,500 SF, a coffee shop with drive-through use and a 5,597 SF single tenant fast food with drive-through use for the subject site in place of the previously assumed retail use by the approved TIS. As such, a comparison of site trips of the approved use to the site trips of the proposed use is required. Trip generation estimates for the weekday AM and PM peak hours, as well as the weekday average daily traffic (ADT), were derived from the standard Institute of Transportation Engineers (ITE) <u>Trip Generation Manual</u> rates/equations, as published in the 11<sup>th</sup> edition for the proposed development program. This comparison is provided in Table 1.

#### **Proposed Trip Generation**

The current version of ITE was utilized to generate the forecasted trips for the proposed development. ITE provides multiple land use codes (LUC) in order to generate trips. LUCs 932, 934 and 937 were selected as the most appropriate for the proposed plan.

Internal capture was applied to the proposed development program consistent with the percentages used in the approved TIS in order to provide a direct comparison. This is likely a conservative estimate as the retail previously studied would likely have a lower internal capture rate than the currently proposed development program.

According to ITE, in some cases the driveway volumes at a particular land use are different from the amount of traffic added to the adjacent street system. Uses such as fast food establishments attract a portion of their trips from traffic that is already present on the road network. Pass-by trip are those trips which are made as intermediate stops on the way to a primary destination. An example of a pass-by trip would be one in which a driver stops to get fast food on his/her way home from work.

The proposed use would experience pass-by trips consistent with the primary use located on site. In recognition of this phenomenon and consistent with ITE published data, the following pass-by reductions were applied to the trip generation analysis as shown in Table 1.

In accordance with these ITE assumptions the proposed use would generate, at build out and full occupancy:

- 240 net new AM weekday peak hour (126 in/ 114 out),
- 115 net new PM weekday peak hour (64 in/ 51 out), and
- 1,578 net new average daily trips.

### **Trip Generation Comparison**

A trip generation analysis comparison is provided on Table 1 and compares the proposed use of two restaurant uses totaling 8,500 SF, a coffee shop with drive-through use and a 5,597 SF single tenant fast food with drive-through use against the approved use of 64 KSF retail distributed between large format retail use, retail use, and a 150 unit hotel use for the subject site.

As shown on Table 1, the comparison of the approved use to the proposed use shows that the proposed use is forecasted to generate:

- 88 additional AM net new weekday peak hour (33 additional in/ 54 additional out),
- 174 *fewer* PM net new weekday peak hour (84 fewer in/ 89 fewer out), and
- 1,787 *fewer* net new average daily trips.

#### Table 1

#### Mile High Greyhound Park - Tract B

Site Trip Generation Comparison

Land Use	Land Use			АМ	Peak H	lour	PN	l Peak H	our	Average Dailv
	Code	Amount	Units	In	Out	Total	In	Out	Total	Trips
Approved TIS Commercial Trips <sup>(1)</sup>										
Retail (Shopping Center) Internal Trips External Trips Pass-By (26% AM/34% PM/34% ADT) Net New External Trips	820	45,000	SF	48 (4) <b>44</b> (11) <b>32</b>	29 (1) <b>28</b> (7) <b>21</b>	77 ( <u>5)</u> <b>72</b> (19) 53	140 (17) <b>123</b> (42) <b>81</b>	152 (44) <b>108</b> (37) <b>71</b>	292 ( <u>61)</u> <b>231</b> (79) <b>152</b>	3,326 (623) <b>2,703</b> (919) <b>1 785</b>
Retail (Shopping Center) Internal Trips External Trips Pass-By (26% AM/34% PM/34% ADT) Net New External Trips	820	19,000	SF	20 (2) 18 (5) 14	12 0 <b>12</b> (3) <b>9</b>	32 (2) <b>30</b> (8) <b>22</b>	59 (7) <b>52</b> (18) <b>34</b>	64 (19) <b>46</b> (15) <b>30</b>	123 (26) 98 (33) 65	1,404 (263) <b>1,141</b> (388) <b>753</b>
Hotel Internal Capture Net New External Trips	310	150	Units	47 <u>0</u> <b>47</b>	33 <u>(3)</u> <b>30</b>	80 <u>(3)</u> 77	46 <u>(13)</u> <b>33</b>	44 <u>(5)</u> <b>39</b>	90 <u>(18)</u> <b>72</b>	970 <u>(143)</u> <b>827</b>
Total Approved Net New External Trips				93	60	152	148	140	289	3,365
Proposed Tract B Commercial Trips <sup>(2)</sup>										
Restaurant Internal Capture (2.7% AM/19.8% PM/18% ADT) External Trips Pass-By (0% AM/43% PM/43% ADT) Net New External Trips	932	8,500	SF	45 <u>(1)</u> <b>44</b> <u>0</u> <b>44</b>	36 <u>(1)</u> <b>35</b> <u>0</u> <b>35</b>	81 <u>(2)</u> <b>79</b> <u>0</u> <b>79</b>	47 <u>(9)</u> 38 <u>(16)</u> 22	30 <u>(6)</u> 24 <u>(11)</u> 13	77 ( <u>15)</u> 62 ( <u>27)</u> 35	911 <u>(164)</u> <b>747</b> ( <u>321)</u> <b>426</b>
Fast Food Restaurant with Drive Through Internal Capture (2.7% AM/19.8% PM/18% ADT) External Trips Pass-By (50% AM/55% PM/55% ADT) Net New External Trips	934	5,597	SF	128 ( <u>3)</u> <b>125</b> ( <u>63)</u> <b>62</b>	122 ( <u>4)</u> <b>118</b> (59) <b>59</b>	250 (7) <b>243</b> (122) <b>121</b>	96 ( <u>19)</u> 77 ( <u>42)</u> 35	89 ( <u>18)</u> <b>71</b> ( <u>39)</u> <b>32</b>	185 ( <u>37)</u> <b>148</b> ( <u>81)</u> <b>67</b>	2,616 (471) <b>2,145</b> (1,180) <b>965</b>
Coffee Shop with Drive Through Internal Capture (2.7% AM/19.8% PM/18% ADT) External Trips Pass-By (50% AM/55% PM/55% ADT) Net New External Trips	937	950	SF	42 ( <u>1)</u> <b>41</b> ( <u>21)</u> <b>20</b>	40 ( <u>1)</u> <b>39</b> ( <u>19)</u> <b>20</b>	82 (2) 80 (40) 40	19 ( <u>4)</u> <b>15</b> ( <u>8)</u> <b>7</b>	18 ( <u>3)</u> <b>15</b> ( <u>9)</u> <b>6</b>	37 <u>(7)</u> <b>30</b> <u>(17)</u> <b>13</b>	507 ( <u>91)</u> <b>416</b> (229) <b>187</b>
Total Net New External Trips				126	114	240	64	51	115	1,578
Difference (Proposed minus Approved) Net Ne	w Extern	nal Trips		33	54	88	(84)	(89)	(174)	(1,787)

Note(s):

(1) Trip generation recreated from methodlogies and data provided in approved TIS dated November 2016
 (2) Trip generation based on the Institute of Transportation Engineers' <u>Trip Generation Manual</u>, 11th Edition

The trips from Tract B would be distributed to multiple access points along 62<sup>nd</sup> Avenue and CO-20 as well as the internal grid of streets. This distribution of trips and the overall reduction in trips throughout the day as well as the PM peak hour would represent minimal impact to the operations of the studied area. No significant impact is anticipated to the existing/proposed network with the approval of this project.

### CONCLUSIONS

The conclusions of this analysis are as follows:

- 1. The subject site was previously contemplated as a retail commercial use for the Mile High Greyhound Park development in Commerce City, CO.
- 2. According to the Mile High Greyhound Park Traffic Impact Study (TIS), the subject site (Lot 1/Tract B) was analyzed with the following use:
  - 64 KSF Retail
  - 150 Key Hotel
- 3. Improvements to the local network as recommended by the TIS have been constructed as well as additional CDOT signalization improvements.
- 4. The Applicant, DPC Companies, proposes to develop the subject site with two restaurant uses totaling 8,500 SF, a coffee shop with drive-through use and a 5,597 SF single tenant fast food with drive-through use for the subject site in place of the previously assumed retail use by the approved TIS.
- 5. A comparison of trip generation between the approved and proposed use suggests that the proposed use would generate 88 *additional* net new weekday AM peak hour trips, 174 *fewer* net new weekday PM peak hour tips, and 1,787 *fewer* net new average daily trips.
- 6. Based on the trip generation comparison contained herein, the proposed change in use would not negatively impact the conclusions of the TIS. The traffic impacts associated with the proposed use would be adequately accommodated by the constructed/proposed road network without the need for additional improvements.

We trust that the information contained herein satisfies the request of Commerce City, CO. If you have any questions or need further information, please contact Brian Horan at <u>BrianHoran@gallowayus.com</u> or 303-770-8884.

## Attachment I Mile High Greyhound Park – Traffic Impact Study dated November 2016 Excerpts



# Mile High Greyhound Park (MHGP) Commerce City, Colorado

Prepared for:

REGen LLC.



# Mile High Greyhound Park (MHGP) Redevelopment Project Traffic Impact Study

**PREPARED FOR** 

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**NOVEMBER 2016** 

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### **1.0 EXECUTIVE SUMMARY**

A new redevelopment project, the Mile High Greyhound Park (MHGP) Redevelopment Project is proposed on the northwest corner of the 62<sup>nd</sup> Avenue and Holly Street intersection in Commerce City, Colorado. The project is anticipated to redevelop the existing Mile High Greyhound Park, which contained a race track venue and parking lots. The project is anticipated to redevelop with approximately 675 apartments, 95 townhomes, 72 single family homes, 150 room hotel, 78,500 square feet of retail, 18,000 square feet of institutional uses, and a 26,000 square foot recreational community center. The recreation center has already been built but was not included in the counts, therefore it is included in the evaluation.

The purpose of this study is to identify project traffic generation characteristics, to identify potential project traffic related impacts on the local street system, and to develop mitigation measures required for identified impacts. The following intersections were incorporated into this traffic study in accordance with Commerce City standards and requirements:

- 60th Avenue and Vasquez Boulevard (US-6/85 & SH-2)
- 62<sup>nd</sup> Avenue and State Highway 2 (SH-2)
- 62<sup>nd</sup> Avenue and Parkway Drive
- 62<sup>nd</sup> Avenue and Holly Street
- 63<sup>rd</sup> Avenue and State Highway 2 (SH-2)
- 64<sup>th</sup> Avenue and State Highway 2 (SH-2)
- 64<sup>th</sup> Avenue and Glencoe Street
- 64<sup>th</sup> Avenue and Holly Street

In addition, an existing condition analysis was conducted at the 66<sup>th</sup> Way and Glencoe Street intersection due to public concern about the surrounding street network connectivity.

It is expected that the residential portion of the project will be completed within the next few years and the remainder of the project will be completed by 2025. Analysis was therefore completed for the 2020 short term residential buildout, 2025 mid-term full project buildout, and 2035 long term horizons per Commerce City and Colorado Department of Transportation (CDOT) requirements.

Regional access to the site will continue to be provided by Interstate 25, Interstate 70, Interstate 76, and Interstate 270. Primary access to the site will continue to be provided by 60<sup>th</sup> Avenue, 62<sup>nd</sup> Avenue, 64<sup>th</sup> Avenue, Parkway Drive, Holly Street, and Vasquez Boulevard (US-6/85 & SH-2). Direct access to the proposed MHGP is to be provided from 62<sup>nd</sup> Avenue, 64<sup>th</sup> Avenue, SH-2, and Holly Street.

By 2020, buildout of the proposed residential portion of the development is expected to generate approximately 4,594 daily weekday trips. Of these, 438 trips are expected to occur during the morning peak hour, while 427 trips are expected during the afternoon peak hour. By 2025, it is anticipated that full buildout of the project will be complete. Since a mix of uses, residential, hotel, and retail is proposed within the same development, it is anticipated that traffic will be shared between the uses. This internal trip generation, or capture, is most specifically expected to occur between the residential, hotel, and shopping center (retail) uses. Therefore, the ITE internal capture procedure was used to determine the amount of traffic that may be shared between uses, which thereby determines the number of external

trips. Internal capture rates of 18 percent for daily traffic, 2.7 percent for morning peak hour traffic, and 19.8 percent for afternoon peak hour traffic were used, as identified directly from the ITE procedure. Based on this, full buildout of the proposed development is expected to generate approximately 11,513 daily weekday driveway trips. Of these, 740 driveway trips are expected to occur during the morning peak hour, while 1,019 driveway trips are expected during the afternoon peak hour.

Distribution of site traffic on the street system was based on the area street system characteristics, existing traffic patterns and volumes, anticipated surrounding development areas, and the proposed access system for the project. Assignment of project traffic was based upon the trip generation described previously and the distributions developed.

Based on the analysis presented in this report, Kimley-Horn believes the proposed Mile High Greyhound Park Redevelopment Project (MHGP) will be successfully incorporated into the existing roadway network. The proposed project development resulted in the following recommendations and conclusions:

- Roadway improvements may be needed at the existing 60<sup>th</sup> Avenue/Vasquez Boulevard (US-6/85)/State Highway 2 (SH-2)/Parkway Drive signalized intersection. It has been previously discussed that Parkway Drive may be realigned and removed from this intersection to connect with the existing signalized intersection along 60<sup>th</sup> Avenue, located approximately 500 feet (measured edge to edge) east of Vasquez Boulevard. Although this now seems less likely with the recent developments constructed north of 60<sup>th</sup> Avenue, it is still an option to improve traffic conditions at this intersection. Another possible improvement could be to consider converting either Parkway Drive or 60<sup>th</sup> Avenue to one-way traffic movements away from the intersection, eastbound 60<sup>th</sup> Avenue or northeastbound Parkway Drive. This would improve traffic conditions at this intersection by removing the entering phase of this one approach. It is understood that The Colorado Department of Transportation (CDOT) is currently conducting a study to improve safety conditions at this intersection. Existing issues are present at the intersection today, which will continue to be more of an issue in the future as traffic volumes increase, so the City of Commerce City and CDOT should consider possible improvements to implement within the next few years.
- Since State Highway 2 (SH-2) is a State Highway, it is believed that CDOT Access Permits will be required for the existing SH-2 intersections with 62<sup>nd</sup> Avenue, 63<sup>rd</sup> Avenue, and 64<sup>th</sup> Avenue with development of the project. This is due to traffic volumes increasing by more than 20 percent over existing with the redevelopment project.
- At the State Highway 2 (SH-2) and 64<sup>th</sup> Avenue intersection, it is recommended that the southbound left turn lane be lengthened to 275 feet plus 160-foot taper based on CDOT State Highway Access Code (SHAC) standards. It is believed that adequate pavement width exists today in the form of a striped median that could be restriped to accommodate this modification.
- As the parcels are being developed within the project, site specific recommendations will be provided as it relates to the traffic analysis and access.
- Although no lane specific turn lane improvements were found to be needed at the surrounding key
  intersections, traffic signal upgrades of equipment will likely be required due to the increase in traffic
  volumes.

- As the northeast portion of the site is planned for specific development, the drop-off and pick-up timeframes of Central Elementary School should be evaluated to determine potential project impacts or if any mitigation measures would be recommended. This shall occur during the Development Permit process of that future development.
- All on-site improvements should be incorporated into the Civil Drawings, and conform to standards of Commerce City, CDOT, Institute of Transportation Engineers (ITE), and the Manual on Uniform Traffic Control Devices (MUTCD) – 2009 Edition.

### 4.0 PROJECT TRAFFIC CHARACTERISTICS

### 4.1 TRIP GENERATION

Site-generated traffic estimates are determined through a process known as trip generation. Rates and equations are applied to the proposed land use to estimate traffic generated by the development during a specific time interval. The acknowledged source for trip generation rates is the *Trip Generation*<sup>1</sup> report published by the Institute of Transportation Engineers (ITE). ITE has established trip rates in nationwide studies of similar land uses. For this study, the ITE Trip Generation fitted curve and average trip rates that apply to Single-Family Detached Housing (ITE Code 210), Apartment (220), Condominium/ Townhouse (230), Hotel (310), Shopping Center (820), Recreational Community Center (495), and Junior/Community College (540) were used to estimate traffic generated by the proposed development.

By 2020, buildout of the proposed residential portion of the development is expected to generate approximately 4,594 daily weekday trips. Of these, 438 trips are expected to occur during the morning peak hour, while 427 trips are expected during the afternoon peak hour. No internal capture was applied to the residential portion of the project for the 2020 horizon. **Table 1** summarizes the estimated traffic generation for the residential portion of the development.

				Vehicl	es Trips		
		Weekday	AM Peal	k Hour	Weekda	y PM Pea	ak Hour
	Daily	In	Out	Total	In	Out	Total
Non Pass-By Trips							
Single Family	643	12	49	61	38	22	60
Apartment	3,446	66	263	329	204	116	320
Townhomes	505	10	39	48	30	17	47
Total Net New Trips	4,594	88	351	438	272	155	427

### Table 1. 2020 MHGP Redevelopment Residential Project Traffic Generation

By 2025, it is anticipated that full buildout of the project will be complete. Since a mix of uses, residential, hotel, and retail is proposed within the same development, it is anticipated that traffic will be shared between the uses. This internal trip generation, or capture, is most specifically expected to occur between the residential, hotel, and shopping center (retail) uses. Therefore, the ITE internal capture procedure was used to determine the amount of traffic that may be shared between uses, which thereby determines the number of external trips. Use of ITE is appropriate for calculating internal capture for this type of project and use. Internal capture rates of 18 percent for daily traffic, 2.7 percent for morning peak hour traffic, and 19.8 percent for afternoon peak hour traffic were used, as identified directly from the ITE procedure. Based on this, full buildout of the proposed development is expected to generate approximately 11,513 daily weekday driveway trips. Of these, 740 driveway trips are expected to occur during the morning peak hour, while 1,019 driveway trips are expected during the afternoon peak hour. **Table 2** summarizes the estimated traffic generation for proposed development. The trip generation

<sup>&</sup>lt;sup>1</sup> Institute of Transportation Engineers, *Trip Generation: An Information Report*, Ninth Edition, Washington DC, 2012.

worksheets are included in **Appendix C**. These calculations illustrate the equations used, directional distribution of trips, and number of daily trips based on the published ITE *Trip Generation Report*.

				Vehicl	es Trips		
		Weekday	AM Peal	< Hour	Weekda	y PM Pea	ak Hour
	Daily	In	Out	Total	In	Out	Total
Non Pass-By Trips							
Single Family	643	12	49	61	38	22	60
Apartment	3,446	66	263	329	204	116	320
Townhomes	505	10	39	48	30	17	47
Hotel	827	47	30	70	33	39	72
Retail	4,716	76	49	125	215	188	403
Recreation Center	880	35	18	53	35	36	71
Institutional	496	40	14	54	27	19	46
Total Net New Trips	11,513	286	462	740	582	437	1,019

Table 2. 20	25 MHGP	Redevelopment	Project	Traffic Genera	tion
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### 4.2 TRIP DISTRIBUTION

Distribution of the net new site traffic on the street system was based on the area street system characteristics, existing traffic patterns and volumes, and the access system for the project. The directional distribution of traffic is a means to quantify the percentage of site-generated traffic that approaches the site from a given direction and departs the site back to original source direction. Of note, a relatively low percentage of trip distribution to/from the adjacent neighborhoods was used which provides a conservative analysis for the study area intersections. **Figures 12** and **13** illustrate the expected trip distribution for the site traffic.

### 4.3 TRAFFIC ASSIGNMENT AND BACKGROUND PLUS PROJECT TRAFFIC

Traffic assignment was obtained by applying the project trip distribution to the estimated traffic generation of the development shown in **Table 1**. Project traffic assignment for the project conditions during the peak hours studied is shown for the 2020 horizon year in **Figures 14** and **15** and the 2025/2035 horizon years in **16** and **17**. Project traffic volumes were added to the background volumes to represent estimated traffic conditions for the short term 2020 and long term 2035 horizons. The background plus project (total) traffic volumes for the project are illustrated for the 2020 horizon year in **Figures 18** and **19**, 2025 horizon year in **Figures 20** and **21**, and for the 2035 horizon year in **Figures 22** and **23**.

# **Trip Generation Calculations**

Project MHGP Redevelopm	ent					
Subject Trip Generation for S	Single-Family De	tached H	ousing			
Designed by Matt Farmen	Date	Septerr	ber 21, 201	<u>6</u> Job	o No	96368000
Checked by Curtis Rowe	_			Shee	t No. 1	of
TRIP GENERATION MANUAL TE	CHNIQUES					
ITE Trip Generation Manual 9th Ec	dition, Fitted Cur	ve Equati	ons			
Land Use Code - Single-Family De	etached Housing	(210)				
Independant Variable - Dwelling U	nits (X)					
X = 71 T = Average Vehicle Trip End	ds					
Peak Hour of Adjacent Street Tra	affic, One Hour	Betweer	n 7 and 9 a.ı	m. (page 2	<u>97)</u>	
Average Weekday (T) = 0.70 (X) + 9.74 (T) = 0.70 * (71) +	9.94	Directior T = 15	nal Distributio 59 A entering	on: 2 verage Veh 44	5% ent. iicle Trip En exiting	75% exit. ids
		15	+ 44	= {	59	
Peak Hour of Adjacent Street Tra	affic, One Hour	Betweer	1 4 and 6 p.	m. (page 2	<u>98)</u>	
Average Weekday Ln(T) = 0.90 Ln(X) + 0.51 Ln(T) = 0.90 * Ln(71) +	0.51	Directior T = 49	nal Distributio 77 A <sup>.</sup> entering	on: 6 verage Veh 28	3% ent. hicle Trip En exiting	37% exit. ids
		49	+ 28	= 7	77	
Peak Hour of Generator, Saturd	ay (page 302)					
Average Saturday (T) = 0.89 (X) + 8.77 (T) = 0.89 * (71) +	8.77	Directior T = 38	nal Distributio 72 A entering	on: 5 verage Veh 34	3% ent. iicle Trip En exiting	47% exit. ids
		38	+ 34	=	72	
<u>Weekday (page 296)</u>						
Average Weekday Ln(T) = 0.92 Ln(X) + 2.72 Ln(T) = 0.92 * Ln(71) +	2.72	Directior T = 383	nal Distributio 766 A entering	on: 50% er verage Veh 383	ntering, 50% hicle Trip En exiting	6 exiting Ids
		383	+ 383	= 7	66	

Project MHGP Redevelopment	
Subject Trip Generation for Apartment	
Designed by Matt Farmen Date	September 21, 2016 Job No. 96368000
Checked by Curtis Rowe	Sheet No. 1 of 1
TRIP GENERATION MANUAL TECHNIQUES	
ITE Trip Generation Manual 9th Edition, Fitted C	urve Equations
Land Use Code - Apartment, (220)	
Independant Variable - Dwelling Units (X)	
X = 675 T = Average Vehicle Trip Ends	
Peak Hour of Adjacent Street Traffic, One Hou	ur Between 7 and 9 a.m. (page 334)
Daily Weekday	Directional Distribution: 20% ent. 80% exit.
T = 0.49 (X) + 3.73	T = 335 Average Vehicle Trip Ends
T = 0.49 * 675.0 + 3.79	67 entering 268 exiting
	67 + 268 = 335
Poak Hour of Adiagant Street Traffia, One Hou	ur Between 4 and 6 n m. (nage 225)
reak nour of Aujacent Street Trainc, One Hot	di Between 4 and 6 p.m. (page 555)
Daily Weekday	Directional Distribution: 65% ent. 35% exit.
T = 0.55 (X) + 17.65	T = 389 Average Vehicle Trip Ends
T = 0.55 * 675.0 + 17.65	253 entering 136 exiting
	5
	253 + 136 = 389
<u>Weekday (page 333)</u>	
Daily Weekday	Directional Distribution: 50% entering, 50% exiting
T = 6.06 (X) + 123.56	T = 4214 Average Vehicle Trip Ends
T = 6.06 * 675.0 + 123.56	2107 entering 2107 exiting
	2107 + 2107 = 4214

Project MHGP Redevelopment	
Subject Trip Generation for Residential Cor	ndominium/Townhouse
Checked by Curtis Rowe	Sheet No. 1 of 1
TRIP GENERATION MANUAL TECHNIQUES	
ITE Trip Generation Manual 9th Edition, Fitted Co	urve Equations
Land Use Code - Residential Condominium/Towr	nhouse (230)
Independant Variable - Dwelling Units (X)	
X = 95 T = Average Vehicle Trip Ends	
Peak Hour of Adjacent Street Traffic, One Hou	r Between 7 and 9 a.m. (page 395)
	Directional Distribution: 17% ent. 83% exit.
Ln(T) = 0.80 Ln(X) + 0.26	T = 50 Average Vehicle Trip Ends
Ln(T) = 0.80 * Ln(95.0) + 0.26	7 entering 42 exiting
	8 + 42 = 50
Peak Hour of Adjacent Street Traffic, One Hou	r Between 4 and 6 p.m. (page 396)
	Directional Distribution: 67% ent. 33% exit.
Ln(T) = 0.82 Ln(X) + 0.32	T = 58 Average Vehicle Trip Ends
Ln(T) = 0.82 * Ln(95.0) + 0.32	39 entering 19 exiting
	39 + 19 = 58
Weekday (page 394)	
Average Weekday	Directional Distribution: 50% entering, 50% exiting
Ln(T) = 0.87 Ln(X) + 2.46	T = 616 Average Vehicle Trip Ends
Ln(T) = 0.87 * Ln(95.0) + 2.46	308 entering 308 exiting
	308 + 308 = 616
<u>Weekday Midday Peak Uses Saturday Peak He</u>	our of Generator (page 400)
	Directional Distribution: 54% ent 46% evit
$(T) = 0.29^{*}(X) + 42.63$	T = 70 Average Vehicle Trip Ends
(T) = 0.29 * 95 + 42.63	38 entering 32 exiting
	38 + 32 = 70

ProjectMHGP RedevelopmentSubjectTrip Generation for HotelDesigned byMatt FarmenDateChecked byCurtis Rowe	September 21, 2016         Job No.         96368000           Sheet No.         1         of         1
TRIP GENERATION MANUAL TECHNIQUES	
ITE Trip Generation Manual 9th Edition, Fitted Cu	rve and Average Rate Equations
Land Use Code -Hotel (310)	
Independant Variable - Rooms (X)	
X = 150 T = Average Vehicle Trip Ends	
Peak Hour of Adjacent Street Traffic, One Hour	r Between 7 and 9 a.m. (page 614)
(T) = 0.53 (X) (T) = 0.53 * (150.0)	Directional Distribution: 59% ent. 41% exit. T = 80 Average Vehicle Trip Ends 47 entering 33 exiting
	47 + 33 = 80
Peak Hour of Adjacent Street Traffic, One Hour	r Between 4 and 6 p.m. (page 615)
T = 0.60 (X) T = 0.60 * 150	Directional Distribution: 51% ent. 49% exit. T = 90 Average Vehicle Trip Ends 46 entering 44 exiting
	46 + 44 = 90
Weekday (page 613)	
Average Weekday (T) = 8.95 (X) - 373.16 (T) = 8.95 * (150.0) - 373.16	Directional Distribution: 50% entering, 50% exiting T = 970 Average Vehicle Trip Ends 485 entering 485 exiting
	485 + 485 = 970

Designed by	Matt Farmen	Date	September 21, 2016	Job No. 96368	000
Checked by	Curtis Rowe	_	•	Sheet No. 1 c	f <u>1</u>
TRIP GENERATIC	N MANUAL T	ECHNIQUES	3		
ITE Trip Generatio	<u>n Manual</u> 9th E	dition, Fitted	Curve Equations		
Land Use Code - S	Shopping Cente	er (820)			
Independant Varial	ble - 1000 Squa	are Feet Gro	ss Leasable Area (X)		
Gross Leasab	le Area =	78,500	Square Feet		
X = 78.500	) Vahiala Trir Fr	مام			
I = Average	venicie i rip En	us			
Peak Hour of Adia	acent Street T	affic. One H	our Between 7 and 9 a.m. (	Page 1562)	
			Directional Distribution:	62% ent. 38%	exit.
Ln(T) = 0.61 Ln(X)	+ 2.24		T = 134 Avera	age Vehicle Trip Ends	
Ln(T) = 0.61 *	Ln(79) +	2.24	83 entering	51 exiting	
Peak Hour of Adja	acent Street Ti	affic, One H	our Between 4 and 6 p.m. (	page 1563)	•
	. 2.24		Directional Distribution:	48% ent. 52%	exit.
Ln(T) = 0.67 Ln(X) Ln(T) = 0.67 *	+ 3.31	3 31	I = 509 Avera	age venicle i rip Ends	
LII(1) = 0.07		0.01	244 entenny	200 Exiting	
Weekday (page 1	561)				
Daily Weekday			Directional Distribution:	50% entering, 50% exiting	
Ln(T) = 0.65 Ln(X)	+ 5.83		T = 5802 Avera	age Vehicle Trip Ends	
Ln(T) = 0.65 *	Ln(79) +	5.83	2901 entering	2901 exiting	
<b>.</b>					
Saturday Peak Ho	our of Generat	<u>or</u>	Directional Distribution:	520/ opt 400/	ovit
$r_{\rm N}$ and $r_{\rm N}$ and $r_{\rm N}$ and $r_{\rm N}$ and $r_{\rm N}$	± 3 78		T = $7/7$ Aver	oz∞ ent. 48%	exit.
ln(T) = 0.65 *	+ 0.70	3 78	388 entering	359 exiting	
-1000		0.10	ooo entening	ooo onting	
Non Pass-By Trip	Volumes (Per	· ITE Trip Ge	eneration Handbook, June 2	<u>2004)</u>	
PM Peak Hour =	34% Pass-	by	Saturday	Peak Hour = 26% Pa	ass-by
	IN Ou	t Total			-
AM Peak	62 38	100	*uses lesser of PM and Satur	rday pass-by rates (26%)	
PM Peak	161 175	5 336			
Daily	1915 191	5 3830	*uses PM peak hour pass-by	rate	
	207 266	5 550			

Project MHGP Re	edevelopment		Kiml	ey»Horn
Designed by Matt Checked by Curti	Farmen Date	September 21, 20 September 22, 20	16 Job No. 16 Sheet No. 1	096368000 of
TRIP GENERATION M	ANUAL TECHNIQUES			
ITE Trip Generation 9th	<i>Edition</i> , Average Rate Ec	quations		
Land Use Code -	540 Junior/Com	munity College		
Independent Variable -	1,000 Sq Ft			
Number of Units (X) -	18			
T = Trip Ends				
Peak Hour Adjacent	Street Traffic One Ho	our Between 7 and 9	AM	
AM Peak T = (X) * 2.99	Trip Ends Per 1,000 S	Sq Ft	Directional Di 74% Entering	stribution: 26% Exiting
T = 54	Trip Ends		40 Entering	14 Exiting
Peak Hour Adjacent	Street Traffic One Ho	our Between 4 and 6	<u>) PM</u>	
PM Peak			Directional Di	stribution:
T = (X) * 2.54 T = 46	Trip Ends Per 1,000 S Trip Ends	Sq Ft	58% Entering 27 Entering	42% Exiting 19 Exiting
Weekday				
			Directional Di	stribution
T = (X) * 27.49	Trip Ends Per 1,000 S	Sq Ft	50% Entering	50% Exiting
T = 496	Trip Ends		248 Entering	248 Exiting
Non-Pass-By Trip Per	<u>centage</u>	<u>Non-Pass-By</u>	Trip Volumes	
AM 100% PM 100%		AM Peak PM Peak	40 Entering 27 Entering	14 Exiting 19 Exiting
Note: Rounding may or	ccur in calculations			
	(0 l			0/04/0040

Project MHGP Re		ator	Kiml	ey»Horn
Designed by Matt	Farmen Date	September 21, 2016	Joh No	096368000
Checked by Curtis	Rowe Date	September 22, 2016	Sheet No. 1	of
TRIP GENERATION MA		<i></i>		
TIE Trip Generation 9th	Edition, Average Rate Equa	ations		
Land Use Code -	495 Recreational C	community Center		
Independent Variable -	1,000 Sq Ft			
Number of Units (X) -	26			
T = Trip Ends				
Peak Hour Adjacent	Street Traffic One Hour	r Between 7 and 9 Al	<u>N</u>	
AM Peak			Directional D	stribution
T = (X) * 2.05	Trip Ends Per 1,000 Sq	Ft	66% Entering	34% Exiting
T = 53	Trip Ends		35 Entering	18 Exiting
Peak Hour Adjacent	<u>Street Traffic</u> <u>One Hour</u>	r Between 4 and 6 PI	<u>M</u>	
PM Peak	Trip Endo Dor 1 000 Sal	<b>F</b> 4	Directional Di	stribution:
T = 71	Trip Ends	Fl	35 Entering	36 Exiting
WeekdayDaily Weekday $T = (X) * 33.82$ $T = 880$	Trip Ends Per 1,000 Sq	Ft	Directional D 50% Entering	stribution: 50% Exiting
Non-Pass-By Trip Perc	entage	<u>Non-Pass-By Tri</u>	<u>p Volumes</u>	440 Exhiling
AM 100% PM 100%		AM Peak PM Peak	35 Entering 35 Entering	18 Exiting 36 Exiting
Note: Rounding may oc	cur in calculations			
Config 3 TrinGenPlanner				9/21/2016

## Internal Capture Reduction Calculations

Methodology for A.M. Peak Hour and P.M. Peak Hour based on the *Trip Generation Handbook*, 3rd Edition, published by the Institute of Transportation Engineers

Methodology for Daily

based on the average of the Unconstrained Rates for the A.M. Peak Hour and P.M. Peak Hour

#### **SUMMARY GROSS TRIP GENERATION** Daily A.M. Peak Hour P.M. Peak Hour Land Use Enter Exit Enter Exit Enter Exit INPUT Office Retail 2,901 2,901 83 51 244 265 Restaurant Cinema/Entertainment 2,798 2,798 Residential 90 354 341 183 Hotel 485 485 47 33 44 46 220 438 492 6,184 6,184 631 **INTERNAL TRIPS** Daily A.M. Peak Hour P.M. Peak Hour Land Use Exit Enter Exit Enter Exit Enter OUTPUT Office 0 0 0 0 0 0 77 Retail 465 621 7 2 29 Restaurant 0 0 0 0 0 0 Cinema/Entertainment 0 0 0 0 0 0 Residential 580 421 2 4 69 29 Hotel 70 73 0 3 13 5 1,115 1,115 9 9 111 111 18.0% 2.7% 19.8% % Reduction **EXTERNAL TRIPS** Daily A.M. Peak Hour P.M. Peak Hour Land Use OUTPUT Enter Exit Enter Exit Enter Exit Office 0 0 0 0 0 0 Retail 2,436 2,280 76 49 215 188 Restaurant 0 0 0 0 0 0 Cinema/Entertainment 0 0 0 0 0 0 Residential 2,218 2,377 88 350 272 154 Hotel 412 47 30 39 415 33 5,069 5,069 211 429 520 381 Rec 440 440 35 18 35 36 27 Institurional 248 248 40 14 19 Total 5,757 5,757 286 461 582 436

ΠΔΠ	IV
DAI	LI

#### GROSS TRIP GENERATION

	l and Liso	Daily		
Land Use	Earld Use	Enter	Exit	
$\succ$	Office	0	0	
AIL	Retail	2,901	2,901	
	Restaurant	0	0	
	Cinema/Entertainment	0	0	
	Residential	2,798	2,798	
	Hotel	485	485	
		6,184	6,184	

Estimated Trip Origins within a Mixed-Use Development (Daily) (Average of A.M. Peak Hour and P.M. Peak Hour)

	Origin		Destination Land Use					
	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel	
$\succ$	Office		24%	34%	0%	2%	0%	
	Retail	16%		21%	2%	20%	3%	
Ā	Restaurant	17%	28%		4%	11%	5%	
	Cinema/Entertainment	1%	11%	16%		4%	1%	
	Residential	3%	22%	21%	0%		2%	
	Hotel	38%	15%	39%	0%	1%		

Estimated Trip Destinations within a Mixed-Use Development (Daily) (Average of A.M. Peak Hour and P.M. Peak Hour)

	Origin		Destination Land Use					
	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel	
$\succ$	Office		20%	13%	1%	2%	0%	
	Retail	18%		40%	13%	24%	9%	
A	Restaurant	22%	29%		16%	11%	38%	
	Cinema/Entertainment	3%	2%	2%		2%	1%	
	Residential	30%	14%	17%	0%		6%	
	Hotel	2%	3%	6%	0%	0%		

\*\*\* BASED ON EXIT \*\*\*

	(Exit)		(Enter) Land Use						
	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel		
$\succ$	Office		0	0	0	0	0		
	Retail	450		609	58	580	73		
A	Restaurant	0	0		0	0	0		
	Cinema/Entertainment	0	0	0		0	0		
	Residential	84	602	574	0		42		
	Hotel	182	73	187	0	5			

\*\*\* BASED ON ENTER \*\*\* (Exit) (Enter) Land Use Retail 580 Land Use Office Restaurant Cinema/Ent. Hotel Residential Office 0 0 56 0 DAILY 41 Retail 0 0 672 0 Restaurant Cinema/Entertainment 841 58 294 56 0 0 182 0 0 2 392 87 Residential Hotel 29 0 0 0 0 0 0 0

			*** MIN	MUM ***			
	(Exit)			(Enter) L	and Use		
	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel
~	Office		0	0	0	0	0
	Retail	0		0	0	580	41
A	Restaurant	0	0		0	0	0
	Cinema/Entertainment	0	0	0		0	0
	Residential	0	392	0	0		29
	Hotel	0	73	0	0	0	

INTERNAL TRIPS

	Land Lico	Daily		
	Land Use	Enter	Exit	
$\succ$	Office	0	0	
	Retail	465	621	
Ā	Restaurant	0	0	
	Cinema/Entertainment	0	0	
	Residential	580	421	
	Hotel	70	73	
		1,115	1,115	

A.M.	PEAK	HO	JR

#### GROSS TRIP GENERATION

	Land Lico	A.M. Peak Hour		
¥		Enter	Exit	
	Office	0	0	
Ы	Retail	83	51	
	Restaurant	0	0	
$\geq$	Cinema/Entertainment	0	0	
Ă.	Residential	90	354	
	Hotel	47	33	
		220	//20	

#### Table 6.1 Unconstrained Internal Person Trip Capture Rates for Trip Origins within a Mixed-Use Development (A.M. Peak Hour)

	Origin		Destination Land Use					
¥	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel	
4	Office		28%	63%	0%	1%	0%	
Ы	Retail	29%		13%	0%	14%	0%	
	Restaurant	31%	14%		0%	4%	3%	
$\geq$	Cinema/Entertainment	0%	0%	0%		0%	0%	
Ä	Residential	2%	1%	20%	0%		0%	
	Hotel	75%	14%	9%	0%	0%		

Table 6.2 Unconstrained Internal Person Trip Capture Rates for Trip Destinations within a Mixed-Use Development (A.M. Peak Hour)

	Origin			Destinatio	n Land Use		
¥	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel
4	Office		32%	23%	0%	0%	0%
Ы	Retail	4%		50%	0%	2%	0%
<u> </u>	Restaurant	14%	8%		0%	5%	4%
2	Cinema/Entertainment	0%	0%	0%		0%	0%
Ä	Residential	3%	17%	20%	0%		0%
	Hotel	3%	4%	6%	0%	0%	

\*\*\* BASED ON EXIT \*\*\*

	(Exit)			(Enter) L	and Use		
X	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel
4	Office		0	0	0	0	0
Ы	Retail	15		7	0	7	0
-	Restaurant	0	0		0	0	0
2	Cinema/Entertainment	0	0	0		0	0
Ă.	Residential	7	4	71	0		0
	Hotel	25	5	3	0	0	

\*\*\* BASED ON ENTER \*\*\*

	(Exit)			(Enter) L	and Use		
¥	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel
4	Office		27	0	0	0	0
đ	Retail	0		0	0	2	0
<u> </u>	Restaurant	0	7		0	5	2
2	Cinema/Entertainment	0	0	0		0	0
Ŕ	Residential	0	14	0	0		0
	Hotel	0	3	0	0	0	

\*\*\* MINIMUM \*\*\*

	(Exit)						
X	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel
EΡ	Office		0	0	0	0	0
Ы	Retail	0		0	0	2	0
-	Restaurant	0	0		0	0	0
2	Cinema/Entertainment	0	0	0		0	0
Ă.	Residential	0	4	0	0		0
	Hotel	0	3	0	0	0	

INTERNAL TRIPS

	Land Lico	A. M. Peak Hour		
X	Land Use	Enter	Exit	
Ч	Office	0	0	
Ы	Retail	7	2	
	Restaurant	0	0	
$\geq$	Cinema/Entertainment	0	0	
Ā.	Residential	2	4	
	Hotel	0	3	
		9	9	

### P.M. PEAK HOUR

#### GROSS TRIP GENERATION

	ا معط ا امم	P.M. Pe	ak Hour
¥	Land Use	Enter	Exit
Ā	Office	0	0
Ы	Retail	244	265
	Restaurant	0	0
$\geq$	Cinema/Entertainment	0	0
Ч.	Residential	341	183
	Hotel	46	44
		631	492

#### Table 6.1 Unconstrained Internal Person Trip Capture Rates for Trip Origins within a Mixed-Use Development (P.M. Peak Hour)

Origin Land Use Destination Land Use P.M. PEAK Office Retail Restaurant Cinema/Ent. Residential Hotel Office 20% 4% 0% 2% 0% Retail Restaurant 2% 29% 4% 26% 18% 5% 7% 3% 41% 8% 21% 31% 2% Cinema/Entertainment 2% 8% Residential 4% 42% 21% 0% 3% Hotel 0% 16% 68% 0% 2%

> Table 6.2 Unconstrained Internal Person Trip Capture Rates for Trip Destinations within a Mixed-Use Development (P.M. Peak Hour)

	Origin			Destinatio	n Land Use		
¥	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel
	Office		8%	2%	1%	4%	0%
Ы	Retail	31%		29%	26%	46%	17%
	Restaurant	30%	50%		32%	16%	71%
$\geq$	Cinema/Entertainment	6%	4%	3%		4%	1%
Ч.	Residential	57%	10%	14%	0%		12%
	Hotel	0%	2%	5%	0%	0%	

\*\*\* BASED ON EXIT \*\*\*

	(Exit)			(Enter) L	and Use		
X	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel
	Office		0	0	0	0	0
Ы	Retail	5		77	11	69	13
	Restaurant	0	0		0	0	0
$\geq$	Cinema/Entertainment	0	0	0		0	0
Ч.	Residential	7	77	38	0		5
	Hotel	0	7	30	0	1	

\*\*\* BASED ON ENTER \*\*\* (Exit) (Enter) Land Use Land Use Office P.M. PEAK Retail Hotel Restaurant Cinema/Ent. Residential 14 Office 20 0 0 0 157 55 Retail 0 0 8 0 Restaurant 0 122 0 33 14 Cinema/Entertainment 0 10 0 0 Residential Hotel 24 5 0 0 0 6 0 0 0

			*** MIN	MUM ***			
	(Exit)			(Enter) L	and Use		
Y	Land Use	Office	Retail	Restaurant	Cinema/Ent.	Residential	Hotel
4	Office		0	0	0	0	0
L L	Retail	0		0	0	69	8
	Restaurant	0	0		0	0	0
2	Cinema/Entertainment	0	0	0		0	0
<u>Ч</u>	Residential	0	24	0	0		5
	Hotel	0	5	0	0	0	

INTERNAL TRIPS

	Land Lico	P.M. Peak Hour		
¥	Land Use	Enter	Exit	
	Office	0	0	
Ы	Retail	29	77	
	Restaurant	0	0	
$\geq$	Cinema/Entertainment	0	0	
Ч.	Residential	69	29	
	Hotel	13	5	
	-	111	111	

# **Conceptual Site Plan**

## MILE HIGH GREYHOUND PARK

SITE CONCEPT UPDATE AUGUST 3, 2016









BLOCK 1	
PETAL 64 000 SE	
RETAIL 04,000 SP	
Parking Required	214
150 Key Hotel	
PARKING REQUIRED	187
	107
TOTAL PARKING REQUIREMENTS	401
DELTA	63
•	
	1
BLOCK 2	
25 SF Lots	
•	•
D	1
BLOCK 3	
24 SF Lots	
•	
D 4	1
BLOCK4	
22 SF LOTS	
10 TOWNHOMES	
10 10 (1111011125	1
BLOCK 5	
12 TOWNHOMES	
	+
69 MF UNITS	
TOTAL PARKING REQUIRED	87
IN GARAGE	/1.9
	40
SURFACE	97
Delta	58
	<u> </u>
BLOCK 6	
158 MF UNITS	1
TOTAL PARKING REQUIRED	198
IN ISL TARKING REQUIRED	130
IN GARAGE	41
SURFACE	143
DEITA	-14
DEEIA	14
BLOCK 7	
11 TOWNHOMES	
68 MF UNITS	
Total Parking Required	85
lu Capaci	40
IN GARAGE	40
SURFACE	68
DEITA	29
<b>D</b> 0	1
BLOCK 8	
16 TOWNHOMES	
60 MELINITE	
TOTAL PARKING REQUIRED	108
IN GARAGE	18
Guardan	
SURFACE	90
DELTA	0
BLOCK 9	1
22 T	+
23 IOWNHOMES	1
BLOCK 10	
23 TOWNHOMES	1
	1
In 44	
BLOCK 11	
160 MF UNITS	
160 MF UNITS	200
BLOCK 11 160 MF Units Total Parking Required	200
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE	200 50
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE	200 50
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE	200 50 160
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA	200 50 160 10
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA	200 50 160 10
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF	200 50 160 10
BLOCK 11     160 MF UNITS     TOTAL PARKING REQUIRED     IN GARAGE     SURFACE     DELTA     RETAIL 6,000 SF     DARKING REQUIRED	200 50 160 10 20
ELOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED PARKING REQUIRED	200 50 160 10 20
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA	200 50 160 10 20 0
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA	200 50 160 10 20 0
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12	200 50 160 10 20 0
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 COMMENDER	200 50 160 10 20 0
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS	200 50 160 10 20 0
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED	200 50 160 10 20 0
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARACE	200 50 160 10 20 0
BLOCK 11 160 MF UNITS 160 MF UNITS 160 MF UNITS 10 GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE	200 50 160 10 20 0 20 0 200 69
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE	200 50 160 10 20 0 200 69 144
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA	200 50 160 10 20 0 20 0 200 69 144 13
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA	200 50 160 10 20 0 20 0 200 69 144 13
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA	200 50 160 10 20 0 200 69 144 13
BLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 8,500 SF	200 50 160 10 20 0 200 69 144 13
HLOCK 11 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 8,500 SF PARKING REQUIRED	200 50 160 10 20 0 20 0 200 69 144 13 29
BLOCK 11 160 MF UNITS 160 MF UNITS 160 MF UNITS UTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 6,000 SF PARKING REQUIRED DELTA BLOCK 12 160 MF UNITS TOTAL PARKING REQUIRED IN GARAGE SURFACE DELTA RETAIL 8,500 SF PARKING REQUIRED DELTA	200 50 160 20 0 20 0 200 69 144 13 29

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## Attachment II Site Plan



# **MILE HIGH GREYHOUND**

## PEDESTRIAN ACCESS EXHIBITS

**DPC COMPANIES** 

Galloway

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