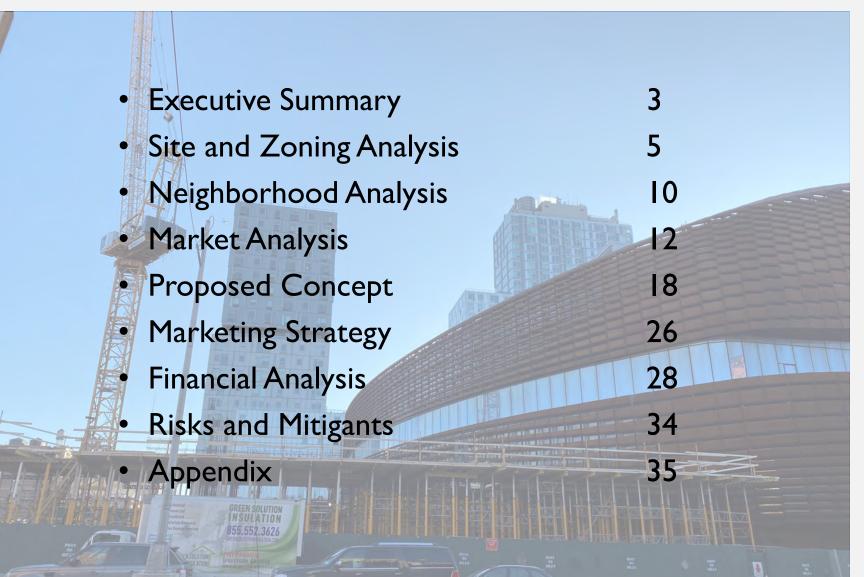


Columbia University MSRED' 20

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EXECUTIVE SUMMARY

The Company is seeking an investor for the acquisition and development of a 32,000 square feet site located immediate adjacent to Barclay's Center on Sixth Avenue in Brooklyn. The proposed development project is a mixed used **46 stories luxury residential tower** with **3 floors of retail** component in the Pacific Park neighborhood of Brooklyn.

Along with the rising of Brooklyn office market featured by the Brooklyn Triangle, the local neighborhood has grown into an affluent young community with 70% higher than the city's average income and increasing demand for upscale rental units. The proposed development project will include **840 units** to capture the continued unsatisfied demand of luxury rental apartments.

To further utilized the superior location of the site, the retail component in the project is mainly designed to capture the robust foot traffic generated by the Barclays Center and to accommodate the taste of young and professionals with targeted tenant of boutique stores and trendy online branding pursing to of offline.

EXECUTIVE SUMMARY

Investment Highlights		
Unlevered IRR	Levered IRR	
9.3%	14.1%	
Unlevered EM	Levered EM	
I.8x	2.6x	
Development Yield	Cash-on-Cash	BARCLAYS CL
6.8%	9.3%	

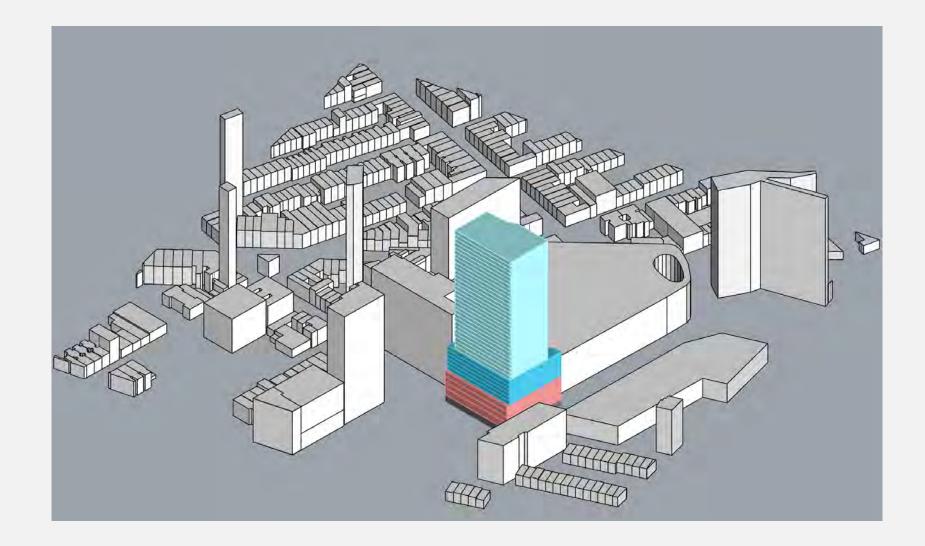
ZONING ANALYSIS

Located in the junction of Downtown Brooklyn and Prospect Heights submarket of Brooklyn, the Property site consists of a 32,000 sq. ft. land parcel located immediate next to Barclays Center. The Site falls under development lease with Empire State Development and converts into fee simple upon completion. New York State zoning authority overrules and exempts site from New York zoning regulation. Currently, the Site has been approved of residential tower above retail base use. Given current market situation, and that it would take approximately 18 months to go through ULIRP to change current use, maintaining current use would be more economical.



Site Location: B4 Block 1118; Lot 4&7 Lot Area: 32,000 SF Use: Residential tower above retail base Retail: 50,000 GSF Residential: 780,000 GSF (24,000 SF below grade) 585,000 RSF and 18,000 SF of interior amenity space

MASSING



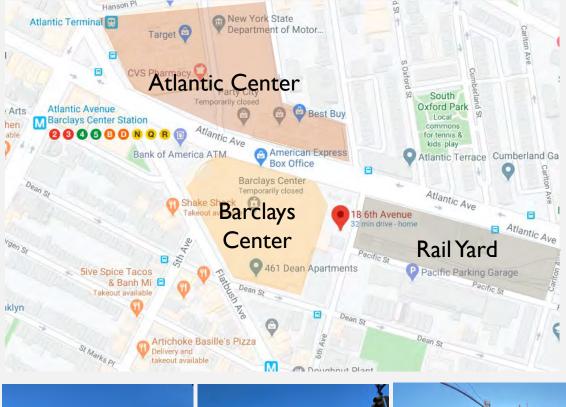
SITE ANALYSIS

Transit Accessibility: The site under consideration have excellent access to a number of transportation options. MTA subway station is just across Barclay Center, providing access to Line 2,3,4,5, B, D, N, Q, R. It would take 10 minutes to Downtown Brooklyn, 15 minutes to Financial District and 30 minutes to Midtown Manhattan, which makes the proposed site perfect location for commuters working in major business centers in Manhattan and Brooklyn to live. Additionally, Atlantic Terminal train station is just across the street and within 5-minutes' walk distance. The train station has access to several LIRR trains, which provides transportation to JFK and makes the site easily accessed by long distance travelers and people living in Long Island.



SITE ANALYSIS

Adjacent Built Environment: The proposed site sits in the center of Pacific Park, which is a new neighborhood to be built on the LIRR railway yard. To the immediate west is the Barclays Center, home to the Brooklyn Nets and the New York Islanders. Serving as the attraction for both local residents and tourists, it offers 17,732 seats for basketball, 15,795 for hockey, and up to 19,000 seats for concerts. To the south of the site locates a 33 stories luxury apartment building, 461 Dean Apartments, built in 2016 with 363 units. To the east of the sites is the rail yard under construction. 3 more residential building above the rail yard, and all will contain affordable units. There is a shopping center located to the north across the street, Atlantic Center. The shopping center is anchored by Burlington Coat Factory and Best Buy, and is roughly 80% occupied.

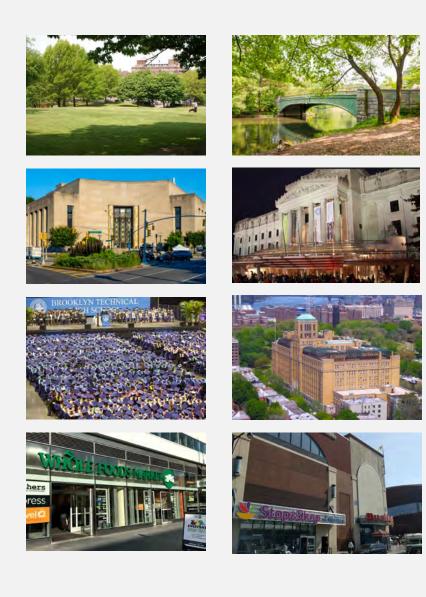




SITE ANALYSIS

Neighborhood offerings:

- Parks: There are two parks within one kilometer's distance, Fort Greene Park and Prospect Park.
- Libraries and Museums and Entertainments: Brooklyn public library, Brooklyn Museum, BRIC and Brooklyn Academy of Music are all within one kilometer's distance.
- Schools: The neighborhood boats abundant high-quality school resources from elementary schools to high schools such as Park Slope Elementary School and Brooklyn Technical High School.
- Grocery: Whole Foods Market and Stop&Shop in Atlantic Center.



NEIGHBORHOOD ANALYSIS

Neighborhood Demographics: The surrounding area has gone through considerable changes over the last five years and formed a young affluent neighborhood. According to American Community Survey of 2018, population in zip code 11217 area, in which the proposed property falls, has increased by 7.4% to 41,407 people, while the population of NYC remains the same. The immediately surrounding neighborhood with zip code 11283 also shows the same trends. Moreover, only 10.5% of the local residents is 65 years and older whereas that for NYC is 14.1%, showing a relatively young and growing neighborhood with higher demand for housing and consumption. At the same time, median income of households of this area has risen by 26% to \$107,362, which is 77% higher than the MIH of overall NYC. Over 52% of the local zip code makes over \$100,000 per year compared to just 30% of NYC, showing a **higher purchase power** of local residents which could not only support higher rents but also demand for retail.

Population			
	2014	2018	Change
11217	38,567	41,407	7.4%
11215	70,156	70,156	0.0%
11238	51,959	54,540	5.0%
NYC	8,400,000	8,400,000	0.0%

Households by Income				
,	11217	11215	11238	NYC
Less than \$50K	27.0%	18.3%	32.3%	43.10%
\$50K - \$99K	20.2%	22.1%	24.8%	25.7%
\$100 - \$199K	28.5%	33.3%	27.6%	21.0%
\$200K or more	24.3%	26.4%	15.4%	10.2%
Median income of housholds(2018)	\$107,362	\$123,583	\$85,407	\$60,762
MIH (2014)	\$85,199	\$99,040	\$69,491	\$52,737
Change	26.0%	24.8%	22.9%	15.2%

NEIGHBORHOOD ANALYSIS

Neighborhood Demographics: Nearly 80% (same for NYC) people in the area are private wage and salary workers, and 8.8% (NYC 6.5%) are self-employed workers in own not incorporated business. Most of the working force have management, business, sciences, and arts occupations in **TAMI (technology, advertising, media and information), FIRE (finance and insurance, and real estate and rental and leasing) and educational services, and health care and social assistance industries.** The concentration of information, professional, scientific, and management and administrative and waste management services is much higher in the local area than the city as a whole, shown by an incremental percentage of 6% and 10%, respectively. This indicates that the local neighborhood attracts technology and professional services employees who would prefer a modern convenient lifestyle with more advanced amenities.

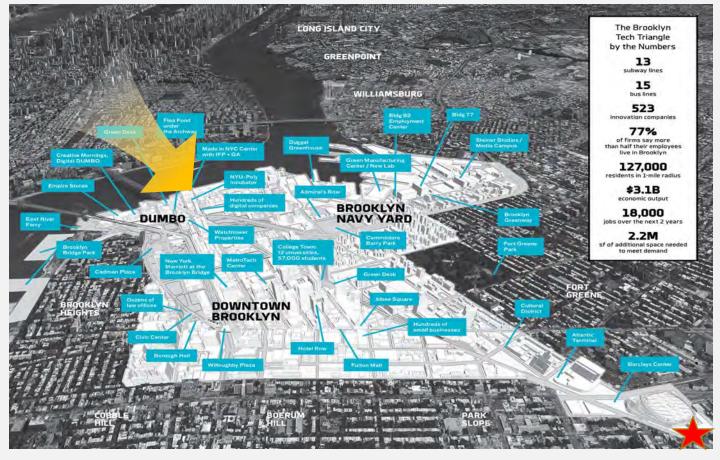
Employment by Industry	11217	11215	11238	NYC
Agriculture, forestry, fishing and hunting, and mining	0.1%	0.1%	0.2%	0.1%
Construction	2.5%	2.0%	1.3%	5.1%
Manufacturing	2.4%	2.3%	2.4%	3.3%
Wholesale trade	0.9%	1.9%	1.4%	2.1%
Retail trade	7.5%	6.7%	7.5%	9.3%
Transportation and warehousing, and utilities	2.0%	1.3%	3.0%	6.4%
Information	9.6%	9.8%	10.1%	3.8%
Finance and insurance, and real estate and rental and leasing	10.9%	9.4%	6.9%	9.5%
Professional, scientific, and managementm and administrative and waste management services	24.1%	24.5%	23.5%	13.7%
Educational services, and health care and social assistance	22.6%	23.8%	24.3%	26.7%
Arts, entertainment, and recreation, and accommodation, and food services	9.6%	10.0%	9.6%	10.9%
Other Services, except public administration	3.7%	4.7%	6.1%	5.4%
Public administration	4.0%	3.6%	4.0%	3.8%
Occupations	11217	11215	11238	NYC
Management, business, sciences, and arts occupations	71.2%	74.5%	65.0%	41.3%
Service occupations	10.0%	7.7%	14.0%	22.7%
Sales and office occupations	13.2%	12.7%	15.7%	20.8%
Natural resources, construction, and maintenance occupations	2.2%	1.8%	1.9%	6.1%
Production, transportation, and material moving occupations	3.5%	3.3%	3.4%	9.2%

Prospect Heights is notable for its cultural diversity and tree-lined streets. Over the past decade, the neighborhood has undergone rapid demographic changes and the built context has shifts into a mixture of brownstones and newly built luxury condominiums. The Pacific Park project originally initiated by Forest City Ratner included the construction of the Barclays Center as well as several housing and commercial high-rise buildings on the outdated railyard. As of today, the arena has finished and serves as the main foot traffic generator and several residential buildings have also come into market. With downtown Brooklyn and its surrounding area continuing to grow as an office market, more and more working class are moving into the neighborhood to pursue quality lifestyle which is more economical as the rents on Manhattan keeps rising. Benefiting from its richness amenities as discussed above, Prospect Heights is evolving into high-end residential market complimenting the new Brooklyn.

Residential:

Over the last cycle, development of new luxury communities focused mainly on the periphery of Manhattan, hence submarkets in Brooklyn have rapidly increased their inventory. Still, new projects have been met with outstanding demands as rent keeps rising and listing inventory has been decreasing.

Demand of rental units in the local markets comes from two aspects. First, the rising rental rate in Manhattan has pushed lots of residents into periphery areas. The other is the emerging office market in Brooklyn brings in large scale of employee who would then live in adjacent neighborhoods. Supply of rental units comes from redevelopment of obsoleted house building and a series of rezoning.



Residential:

Given the continued development of new rental buildings, the **net** effective rent for Brooklyn rose for the fourteenth straight month YoY to \$2,987. Median rental price for 2-bedroom and 3bedroom units performs better than other types with YoY growth of 9.0% and 4.7% respectively. This demonstrates that more and more families are moving in creating demand for larger units. New lease for Jan. 2020 was 1,060, decreased by 7.8% YoY, indicating that landlords have been more successful at retaining tenants at the time of renewal due to raising tents. However, listing inventory was 1,456, dropped by 22.9%, showing that there is **no pressure from** supply and new projects have been met with outstanding demand. As such, mark to market rental rates may be unfavorable for existing tenants but would still be attractive to potential outside tenants. Strategically offering higher than market amenities and landlord concession would accelerate lease-up period and achieve higher effective rents.

Brooklyn Rental Market	Jan-20	%Δ(MO)	Dec-20	%Δ(YR)	Jan-19
Overall Median Rentral Price	\$2,987	-0.1%	\$2,991	5.5%	\$2,832
Number of New Leases	1,060	30.7%	811	-7.8%	1,150
Studio - Median Rentral Price	\$2,552	-5.3%	\$2,695	2.1%	\$2,500
Studio -Number of New Leases	159	27.2%	125	14.4%	139
1B - Median Rentral Price	\$2,850	1.8%	\$2,800	1.8%	\$2,800
1B -Number of New Leases	416	34.6%	309	-16.0%	495
2B - Median Rentral Price	\$3,270	0.6%	\$3,250	9.0%	\$3,000
2B -Number of New Leases	351	36.6%	257	-5.4%	371
3B - Median Rentral Price	\$3,875	-3.1%	\$3 <i>,</i> 997	4.7%	\$3,700
3B -Number of New Leases	134	11.7%	120	-7.6%	145
Luxury (Top 10) - Median Rental Price	\$6,173	2.9%	\$6,000	13.1%	\$5 <i>,</i> 459
New Development - Median Rental Price	\$3,424	0.4%	\$3,410	5.0%	\$3,260
Source: Elliman.com					

If the proposed project could capture 2-3% of new leases, which is roughly 24 units per month, the project will be lease-up within 24 months.

Rent Comps:

Upon researching and analyzing existing up-scale rentals around the proposed projects, we found that most come with smaller sized room or built more than ten years ago. As such, providing a larger unit size will make the proposed project more competitive when comes into market, especially for the young generation pursuing quality lifestyle. Modern finishes and lavish amenities would also help to achieve the highest rent on market.

	461 Dean Apartments	550 Vanderbilt D	OKLB BKLN	Proposed Project Target
Address	461 Dean Street Brooklyn, NY 11217	550 Vanderbilt Avenue, Brooklyn, NY, 11238 8	0 DeKalb Avenue, Brooklyn, NY, 11201	18 Sixth Avenue, Brooklyn
Year Built	2016	2017	2007	2022
# of Units	363	278	369	840
# of Affordable Units	182			251
# of Floors	33	17	36	45
Developer	Forest City Ratner Companies	Greenland Forest City Ratner Partners	Brookfield	
Architect:	SHoP Architects	COOKFOX	Costas Kondylis & Partners	
Concessions	1/2 Months Free			1Months Free
Market Unit Rates				
Studio	\$3,340	\$2,500	\$2,900	\$4,031
1 BR	\$4,180	\$3,490	\$3,923	\$4,331
2 BR	\$6,384	\$5,300	\$7,205	\$5,291
3 BR				\$6,760
Size of Unit (SF)				
Studio	435	450	459	525
1 BR	707	789	634	700
2 BR	1,086	995	1,402	900
3 BR Price/SF/Mo.				1,150
Studio	\$7.68	\$5.56	\$6.32	\$7.68
1 BR	\$5.91	\$4.42	\$6.19	\$6.19
2 BR	\$5.88	\$5.33	\$5.14	\$5.88
Amenities				
Elevator	√	V	v	V
Full-time doorman	√	V	V	V
Pets Allowed	√	V	v	V
Washer/Dryer In-Unit			V	V
Bike Room	√	V	V	V
Children's Playroom	V	V	V	V
Concierge	V	V	V	v
Gym	V	V	V	V
Landury in Building	V	v		V
Live-in Super	V		V	V
Storage Available	V	v	v	V
Dishwasher	V	De la Constanción de	,	V Dud Du (Du Turun
Outdoor Space:	Deck, Roof Deck, Terrance	Roof Deck	V	Deck, Roof Bar, Terrance
Parking Abailable		٧	٧	

Retail:

Brooklyn retail market also showed a sign of softening in asking rents with only 5 of the 17 Brooklyn corridors showing increasing average asking rents. For those shown decrease of rents, most were in areas with low availabilities in prime retail space. Meanwhile, **strong rent growth occurred in up-and-coming areas experiencing increased foot traffic due to new residential and commercial developments.**

The area of proposed site falls into this category. According to REBNY Retail Reports, the average asking rent on Flatbush Avenue, between Fifth Avenue and Grand Army Plaza, rose by 19% YoY to \$141 per square foot. Most retail tenants in this area are food services ranging from restaurants to grab-and-go stores, while the remaining uses are neighborhood servicerelated such as fitness facilities, nail salons, and dry cleaning. Food and beverage, health and drugs, and grocers are the driving force in local market. Due to its high retail activity throughout 2018, demand for retail space on Flatbush Avenue remains high.



Retail on Fifth Ave and Flatbush Ave

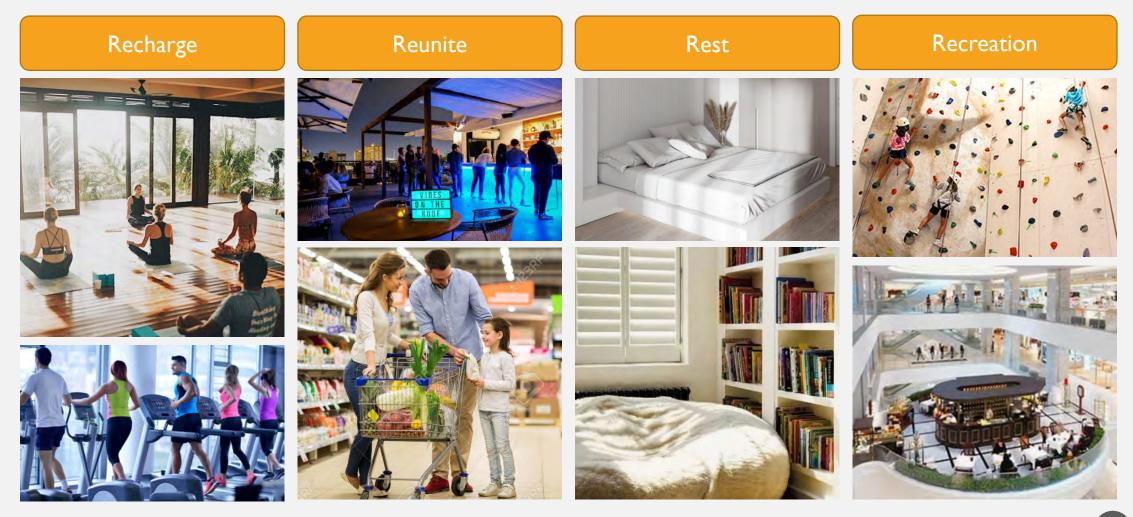
AVERAGE ASKING RENT PSF – GROUND FLOOR RE	TAIL									
	Summer 18	Winter 19 Su	Summer 19 \$141							
Prospect Heights										
Flatbush Ave (5th Ave - Grand Army Plaza)	\$118	\$139	\$141							
Park Slope										
7th Ave (Union St - 9th St)	\$112	\$117	\$86							
5th Ave (Union St - 9th St)	\$95	\$95	\$104							

Source: REBNY Retail Reports

Retail Rent Comps:

	89 5th Ave, Brooklyn	146 5th Ave	24 4th Ave	Proposed Project Target
Space	1st Floor	1st Floor	Ground	3 Floors
Size	800SF	1,200-1,900 SF	7350SF	45,000
Term	1-10 Years	Negotiable	Negotiable	1-10 Years
Rate (\$/SF/YR)	\$112	\$115	\$120	\$120
Year Built	1930	1920	Oct-20	2022





Site Layout:

Sited at the cross boarder of Atlantic Ave and Sixth Ave, the site can easily capture the commercial flow and residential flow coming from both side of the streets. Additionally, Flatbush Ave is a vibrant retail corridor that could also generate commercial and pedestrian traffic. As analyzed above, retail performance in the area is promising despite the drop in the rest of the city. Hence the lower 3 floors will serve as retail space to capture the foot traffic and further enhance the dynamic of the neighborhood.

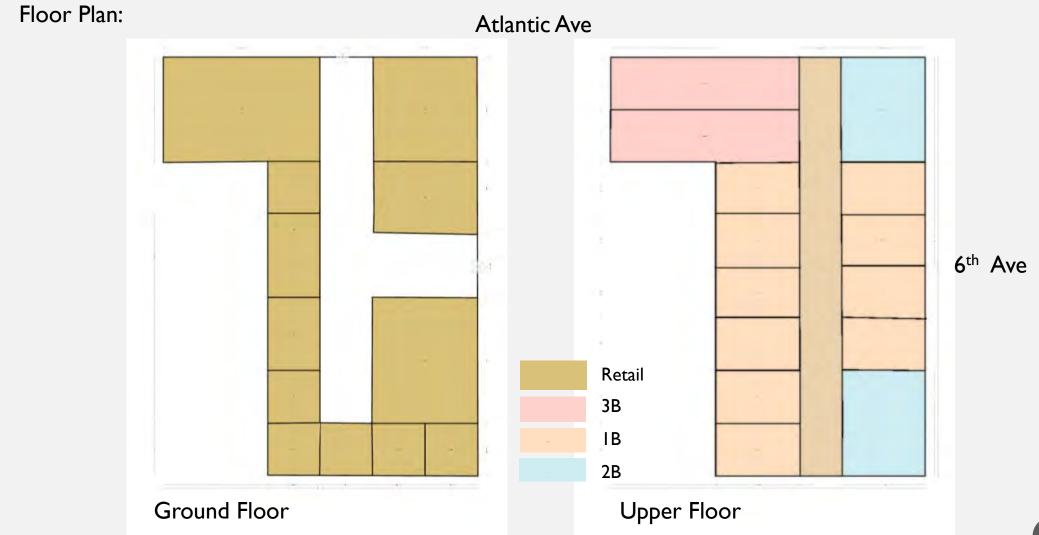




Stacking Plan:

			Floor	Cumul.	Gross	
		Floor	Height (ft.)	Height (ft.)	SF	Total GS
Amenities	Roooftop Bar	46	12	510	3,400	830,00
Residenti		45	10	498	18,000	826,60
Residenti		44	10	488	18,000	808,60
Residenti		43	10	478	18,000	790,60
Residenti		42	10	468	18,000	772,60
Residenti		41	10	458	18,000	754,60
Residenti	al	40	10	448	18,000	736,60
Residenti	al	39	10	438	18,000	718,60
Residenti	al	38	10	428	18,000	700,60
Residenti	al	37	10	418	18,000	682,60
Residenti	al	36	10	408	18,000	664,60
Residenti	al	35	10	398	18,000	646,60
Residenti	al	34	10	388	18,000	628,60
Residenti	al	33	10	378	18,000	610,6
Residenti	al	32	10	368	18,000	592,6
Residenti		31	10	358	18,000	574,6
Residenti		30	10	348	18,000	556,6
Residenti		29	10	338	18,000	538,6
Residenti		25	10	328	18,000	520,6
Residenti		28	10	318	18,000	502,60
Residenti		26	10	308	18,000	484,60
Residenti		26	10	298		
					18,000	466,6
Residenti		24	10	288	18,000	448,6
Residenti		23	10	278	18,000	430,6
Residenti		22	10	268	18,000	412,6
Residenti		21	10	258	18,000	394,6
Residenti		20	10	248	18,000	376,6
Residenti		19	10	238	18,000	358,6
Residenti	al	18	10	228	18,000	340,6
Residenti	al	17	10	218	18,000	322,60
Residenti	al	16	10	208	18,000	304,60
Residenti	al	15	10	198	18,000	286,6
Residenti	al	14	10	188	18,000	268,6
Residenti	al	13	10	178	18,000	250,6
Residenti	al	12	10	168	18,000	232,60
Residenti	al	11	10	158	18,000	214,60
Residenti	al	10	10	148	19,100	196,6
Residenti		9	10	138	19,100	177,50
Residenti		8	10	128	19,100	158,40
Residenti		7	10	118	19,100	139,30
Residenti		6	10	108	19,100	120,20
Residenti		5	10	98	19,100	120,20
Lobby/Am		4	22	90 88	20,500	82,0
		3	22	66	20,500	61,50
Retail		2				
Retail Retail Retail		2 Ground	22 22	44 22	20,500 20,500	41,00 20,50

20



Programming - Residential

Residential begins from the 5th floor and amenities will serve at both the 4th floor and roof. To attract the young technology and professional service residents, amenity program will include top-tier fitness center and Children's Playroom and rooftop bar. The landscaped rooftop would provide magnificent views of the Manhattan skyline and the Barclays Center.



Programming – Amenities:

The amenities for the building will located on 4th level and the roof, totaling 18,000 square feet. In order to accommodate the high-end rental market, services and facilities is expected to include:

- Concierge
- Bike Room
- Package Room
- Laundry in Building
- Children's Playroom
- Media Room
- Top Tier Fitness Center
- Swimming Pool
- Live-in Super
- Rooftop Bar



Programming - Residential Unit Mix

The proposed project will deliver 840 units upon completion, and 30% of it will be affordable units with a blended 50% AMI rent

rate to meet Option G of 421A.

Target tenants: fresh graduates, professionals, tech workers, young families.

Units Distrib	ution					Size Guideline		
Unit Type		<u>#</u>	<u>%</u>	<u>Avg Sq Ft</u>	Total Sq Ft			
	Market Rate					HPD Guideline	Market Rental	Luxury C
Studio	\$4,031	147	25%	525	77,175	*25% max	400*-525	62
1 BR	\$4,331	206	35%	700	144,200	15% min	575-700	800-
2 BR	\$5,291	177	30%	900	159,300	30% min	900-1050	1400-
3 BR	\$6,760	59	10%	1,150	67,850	~30%		
Total		589	100%		448,525	*	NYC minimum	
	Affordable					HPD Guideline	<u>Affordable</u>	
C+udio		62	250/	250	22.050	25% max	350-400	1
Studio	\$696	63	25%	350	22,050	~25%	500-550)
1 BR	\$881	62	25%	500	31,000	50% min	650-725	
2 BR	\$1,069	126	50%	650	81,900		850-950	1
Total		251	100%		134,950			
Residential 1	Totol	840		695	583,475			

Programming – Retail:

Undoubtably, E-commerce has reshaped the world of retail by shifting consumption activities to online stores. However, the trendy brands born online are now pursuing offline stores for marketing purpose. The proposed project would serve best to capture such demand for its excellent accessibility and location.

Most fine restaurants in the neighborhood are located on the main retail corridor, such as Fifth Ave. and Flatbush Ave., which may be missed by visitors for the Barclays Center. Therefore, we propose to collaborate with local restaurants to create a food hall that provides featured dishes more than fries and chicken in the stadium.

Retail programming will primarily include boutique stores, online brand retailers and a food hall. Anchor tenant will be located on the Atlantic Ave side to capture more pedestrian attention.

Target customers:

- Tenants
- Local community
- Barclays Center visitors



MARKETING STRATEGY

Residential	 Utilize The Brodsky Organization's platform; Start marketing activity before construction completion; Setup virtual tour online; Offer concession for initial lease-up.
Retail	 Targeting online trendy brands; Conduct pedestrian survey before opening; Targeting visitors of Barclay's Center to create food and beverage plaza;
BRODSK	Image: Second

PROJECT DELIVERY SCHEDUEL

The construction timeline for the proposed project has been estimated at 3 years. Marketing activity is set to start 3 quarters ahead of completion to secure as much tenancy as possible. Even with that, the lease-up period is conservatively estimated at 24 month. Two exit plans have been proposed and evaluated for this project. Plan A to exit the investment is to refinance the construction with permanent loan, and then, hold the project for additional 3 years. Plan B is to exit the investment by selling it upon lease-up.

Year		Year	1		Yea	r 2		Y	ear 3			Year	4		Ye	ar 5			Year	6			Year	7		١	Year	8
Quarter	1	2	34	1	2	3	4	1	2 3	4	1	2	3 4	1 1	L 2	3	4	1	2	3	4	1	2	3	4	1	2	3
							_							_											_			
Acquisition and Construction Loan Close																												
Land Acquisition																												
Predevelopment																												
Development																												
Marketing																												
Certificate of Occupancy																												
Lease-up																												
Stabilization																												
Exit Plan A																												
Exit Plan B																												

FINANCIAL ANALYSIS

The proposed project is projected to deliver a 14.1% leveraged IRR with an equity multiple of 2.6x over 8 years investment horizon.

Limited partner of the project would achieve a leveraged IRR of 12.8% with contribution of \$148 million equity, 95% of total equity investment.

Unlevered IRR	Levered IRR	LP Levered EM
9.3%	14.1%	12.8%
Unlevered EM	Levered EM	LP Levered EM
I.8x	2.6x	2.4x
I.8x Development Yield	2.6x Cash-on-Cash	2.4x Investment Horizon

FINANCIAL ANALYSIS - Acquisition And Development Cost

Total development cost for the proposed project is estimated to be \$486 million, which equates to \$586/GSF.

Purchase of the land would cost \$194 million, which equates to \$235/GSF.

Construction hard costs are approximately \$213/GSF based on RS Means cost estimates for luxury construction in Brooklyn using Union workers. Estimation for soft costs are \$78/GSF. Additional 3% contingency costs are also set aside in both hard costs and soft costs in case of cost overrun.

70% of the development cost will be funded by debt financing, which is roughly \$330 million.

	<u>% of TDC</u>	<u>\$GSF</u>	\$RSF	\$Amt
Land Acquisition Costs				
Acqusition Price	40%	\$235	\$309	\$194,745,462
Hard Cost				
Substructure	3%	\$20	\$27	\$16,774,300
Shell	8%	\$45	\$60	\$37,516,000
Interiors	9%	\$55	\$72	\$45,243,300
Services	14%	\$85	\$112	\$70,400,600
Equipment & Furnishings	0%	\$2	\$3	\$1,701,500
Contingency	1%	\$6	\$8	\$5,308,321
Contractor Fees	9%	\$51.7	\$68.1	\$42,908,925
Sub total	36%	\$213	\$281	\$176,944,021
Soft Cost				
Architectural Fees	2%	\$12.4	\$16.3	\$10,298,142
Contractor Fees	9%	\$51.7	\$68.1	\$42,908,925
Municpal Fees	0%	\$2.5	\$3.3	\$2,075,000
Property Taxes	0%	\$0.8	\$2.4	\$1,500,000
Marketing	0%	\$1.0	\$3.2	\$2,000,000
Legal	0%	\$2.0	\$2.6	\$1,660,000
Insurance	1%	\$3.0	\$4.0	\$2,490,000
Contingency	0%	\$2.1	\$2.7	\$1,704,445
Sub total	13%	\$78	\$103	\$64,636,512
Total Construction Cost	50%	\$291		\$241,580,533
Financing Costs				
Mortgage Recording Tax	2%			\$9,410,740
Loan Arrangement Fee	0%			\$1,651,007
Loan Origination Fee	1%			\$3,302,014
Sub total	3%			\$14,363,761
Interest Reserve				
Interet accrued				\$44,985,969
Interest payback during leas	e-up period			(\$20,020,475)
Interest Reserve amount	7%			\$35,390,278
Total Development Cost	100.0%	\$586		\$486,080,033

FINANCIAL ANALYSIS - Capital Structure

Sources			
	<u>%</u>	Int. Rate	<u>\$Amt</u>
Acquisition & Construction Loan	70%	4.0%	\$330,201,391
Equity			\$155,878,642
Total			486,080,033
Uses			
	<u>%</u>	<u>\$GSF</u>	<u>\$Amt</u>
Acquisition Cost	40%	\$235	\$194,745,462
Hard Cost	36%	\$213	\$176,944,021
Soft Cost	13%	\$78	\$64,636,512
Financing Costs	3%	\$17	\$14,363,761
Interest Reserve	7%	\$43	\$35,390,278
Total	100%	\$586	\$486,080,033

Debt:

Acquisition loan and construction loan is sized using a LTC of 70% at an interest rate of 4%. Base on recently lending market activities, non-bank lenders is backfilling the market and could provide 70% to 75% LTC for multifamily loans. Fixed rates for the loan start at 3%. Lower LTC and higher interest rate is incorporated to be more prudent.

Capital Structure	
Acquisition & Construction Loan	\$330,201,391
LP Equity	\$148,084,710
GP Equity	\$7,793,932
GP/LP Economics	
GP Capital Contribution	5%
LP Capital Contribution	95%
LP Preferred Return Hurdle	8%
GP Promote over Preferred Return	20%
Second Hurdle	12%
GP Promote over Second Hurdle	40%
LP Returns	
IRR (LP)	12.8%
Equity Multiple (LP)	2.4x

Equity:

Limited partner of the project would contribute **\$148** million, 95% of total equity investment. And after 8 years investment period, expected levered IRR for LP investors would be 12.8% with 2.4x equity multiple.

FINANCIAL ANALYSIS - Exit Strategy And Return Matric

Exit Strategy A – Refinance and hold for 3 more years

Once the project is fully leased up, the project will be refinanced based on a 10 year stabilized cash flow valuation and then held for 3 years. Since we have incorporated decent cost and architectural design budget, marketing would started early in the construction period to insure occupancy and capture the highest rent in market. Therefore, 3 years will allow the project to maximize its value and provide investor a solid 14.1% IRR as well as a 2.6x equity multiple.

Exit cap rate consideration: According to RCA reports, recently comparable apartment buildings in Brooklyn was traded at 4.5%-5% cap rate. Targeting potential institutional buyers, such as Life Insurance companies, Pension Funds and multifamily REITs, 5% reversionary cap rate is used in deciding sale price.

Refinance Assumptions	
Discount Rate	7.0%
Valuation (DCF upon Stabilization)	\$565,457,423
Amortization	30 Years
Interest	4.00%
LTV	65%
Refinance Loan Amount	\$367,547,325
Sale Cost	3.0%
Exit Cap Rate	5.00%
Total Holding Period (Years)	8

Deal Level Returns - Unlevered	
IRR	9.3%
Equity Multiple	1.8x

Deal Level Returns - Levered	
IRR	14.1%
Equity Multiple	2.6x

FINANCIAL ANALYSIS - Exit Strategy And Return Matric

Exit Strategy B – Sale Upon Lease-up

Sale upon lease-up is also evaluated using discounted 10 year stabilized cash flow valuation as sale price. For a project of such scale, early sale would only serve to recover capital since it forgoes additional values generate by annual cash flows. Under this scenario, investor would only obtain a 7.5% IRR and 1.3x equity multiple. Hence, refinance and hold more years would be a more profitable strategy from return perspective.

Exit Assumptions	nptions Deal Level Returns		
Discount Rate	7.0%	IRR	7.5%
Sale Price (DCF upon Stabilization)	\$565,457,423	Equity Multiple	1.3x
Sale Cost	3.0%		
Total Holding Period (Years)	5		

FINANCIAL ANALYSIS - Sensitivity Analysis

Levered Project IRR / Levered EM

			Exit Cap Rate						
IRR=	14.1% / EM=2.6x	3.50%	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	
	0.50%	IRR=18.7% / EM=3.6x	IRR=15.4% / EM=3.0x	IRR=12.5% / EM=2.5x	IRR=9.7% / EM=2.1x	IRR=7.3% / EM=1.7x	IRR=4.9% / EM=1.4x	IRR=2.8% / EM=1.2x	
ے	1.00%	IRR=19.9% / EM=3.9x	IRR=16.9% / EM=3.2x	IRR=13.9% / EM=2.7x	IRR=11.2% / EM=2.3x	IRR=8.7% / EM=1.9x	IRR=6.4% / EM=1.6x	IRR=4.2% / EM=1.3x	
ow t	1.50%	IRR=21.1% / EM=4.2x	IRR=18.3% / EM=3.4x	IRR=15.3% / EM=2.9x	IRR=12.6% / EM=2.5x	IRR=10.1% / EM=2.1x	IRR=7.8% / EM=1.8x	IRR=5.7% / EM=1.5x	
- U U	2.00%	IRR=22.3% / EM=4.5x	IRR=19.5% / EM=3.7x	IRR=16.8% / EM=3.1x	IRR=14.1% / EM=2.6x	IRR=11.6% / EM=2.3x	IRR=9.3% / EM=2.0x	IRR=7.1% / EM=1.7x	
ent	2.50%	IRR=23.5% / EM=4.7x	IRR=20.7% / EM=3.9x	IRR=18.2% / EM=3.3x	IRR=15.6% / EM=2.8x	IRR=13.1% / EM=2.5x	IRR=10.8% / EM=2.1x	IRR=8.6% / EM=1.9x	
Ω.	3.00%	IRR=24.6% / EM=5.0x	IRR=21.9% / EM=4.2x	IRR=19.5% / EM=3.6x	IRR=17.1% / EM=3.0x	IRR=14.6% / EM=2.6x	- IRR=12.3% / EM=2.3x	IRR=10.1% / EM=2.0x	
	3.50%	IRR=25.8% / EM=5.4x	IRR=23.1% / EM=4.5x	IRR=20.7% / EM=3.8x	IRR=18.5% / EM=3.3x	IRR=16.1% / EM=2.8x	IRR=13.8% / EM=2.5x	IRR=11.7% / EM=2.2x	

			Rent Growth					
IRR=	14.1% / EM=2.6X	0.50%	1.00%	1.50%	2.00%	2.50%	3.00%	3.50%
	1.50%	IRR=10.2% / EM=2.2X	IRR=11.7% / EM=2.3X	IRR=13.1% / EM=2.5X	IRR=14.6% / EM=2.7X	IRR=16.0% / EM=2.9X	IRR=17.5% / EM=3.1X	IRR=19.0% / EM=3.3X
te te	2.00%	IRR=10.1% / EM=2.1X	IRR=11.5% / EM=2.3X	IRR=12.9% / EM=2.5X	IRR=14.4% / EM=2.7X	IRR=15.9% / EM=2.9X	IRR=17.4% / EM=3.1X	IRR=18.8% / EM=3.3X
Ra	2.50%	IRR=9.9% / EM=2.1X	IRR=11.3% / EM=2.3X	IRR=12.8% / EM=2.5X	IRR=14.2% / EM=2.7X	IRR=15.7% / EM=2.9X	IRR=17.2% / EM=3.1X	IRR=18.6% / EM=3.3X
ucy	3.00%	IRR=9.7% / EM=2.1X	IRR=11.2% / EM=2.3X	IRR=12.6% / EM=2.5X	IRR=14.1% / EM=2.6X	IRR=15.5% / EM=2.8X	IRR=17.0% / EM=3.0X	IRR=18.4% / EM=3.3X
aca	3.50%	IRR=9.6% / EM=2.0X	IRR=11.0% / EM=2.2X	IRR=12.4% / EM=2.4X	IRR=13.9% / EM=2.6X	IRR=15.4% / EM=2.8X	IRR=16.9% / EM=3.0X	IRR=18.3% / EM=3.2X
>	4.00%	IRR=9.4% / EM=2.0X	IRR=10.8% / EM=2.2X	IRR=12.3% / EM=2.4X	IRR=13.7% / EM=2.6X	IRR=15.2% / EM=2.8X	IRR=16.7% / EM=3.0X	IRR=18.1% / EM=3.2X
	4.50%	IRR=9.2% / EM=2.0X	IRR=10.6% / EM=2.2X	IRR=12.1% / EM=2.4X	IRR=13.5% / EM=2.6X	IRR=15.0% / EM=2.8X	IRR=16.5% / EM=3.0X	IRR=17.9% / EM=3.2X

			Exit Cap Rate					
IRR=	14.1% / EM=2.6x	3.50%	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%
	1	IRR=26.9% / EM=4.0x	IRR=22.8% / EM=3.3x	IRR=18.8% / EM=2.7x	IRR=15.1% / EM=2.3x	IRR=11.6% / EM=1.9x	IRR=8.2% / EM=1.6x	IRR=4.9% / EM=1.3x
5	2	IRR=24.3% / EM=4.2x	IRR=20.9% / EM=3.5x	IRR=17.7% / EM=2.9x	IRR=14.5% / EM=2.4x	IRR=11.6% / EM=2.1x	IRR=8.8% / EM=1.8x	IRR=6.2% / EM=1.5x
atic	3	IRR=22.3% / EM=4.4x	IRR=19.5% / EM=3.7x	IRR=16.8% / EM=3.1x	IRR=14.1% / EM=2.6x	IRR=11.6% / EM=2.3x	IRR=9.3% / EM=2.0x	IRR=7.1% / EM=1.7x
biliz	5	IRR=19.5% / EM=4.9x	IRR=17.4% / EM=4.1x	IRR=15.4% / EM=3.5x	IRR=13.3% / EM=3.1x	IRR=11.5% / EM=2.7x	IRR=9.8% / EM=2.4x	IRR=8.2% / EM=2.1x
ear Sta	7	IRR=17.6% / EM=5.4x	IRR=16.0% / EM=4.6x	IRR=14.5% / EM=4.0x	IRR=12.8% / EM=3.5x	- IRR=11.3% / EM=3.1x	IRR=10.0% / EM=2.8x	IRR=8.8% / EM=2.5x
×	9	IRR=16.2% / EM=6.0x	IRR=15.0% / EM=5.1x	IRR=13.7% / EM=4.4x	IRR=12.3% / EM=4.0x	IRR=11.1% / EM=3.6x	IRR=10.1% / EM=3.2x	IRR=9.1% / EM=3.0x
Hold Upor	10	IRR=15.7% / EM=6.2x	IRR=14.6% / EM=5.4x	IRR=13.4% / EM=4.7x	IRR=12.2% / EM=4.2x	IRR=11.1% / EM=3.8x	IRR=10.1% / EM=3.5x	IRR=9.3% / EM=3.2x

RISKS AND MITIGANTS

Risks	Mitigants
Cost Overrun	Contingency costs are projected and included in development budget estimation; Projected management consultants will be hired to monitor construction schedule and budget control.
Softening Market	Marketing is set to start early before construction completion to secure as much tenancy as possible; Even the vacancy will be increased to 4.5% and rent grow at 0.50%, the project would still generate decent returns base on sensitivity analysis.
421-A Tax Basis Removal	30% of units are set at a blended 50% AMI rent to be qualified for Option G; Strategically distribute affordable units to ensure quality living and minimize disruption of market rents units to drive market rents as high as possible.
Slower lease velocity	Sufficient capital expenditure reserve and leasing commission have been budgeted in cash flow projection for promotion upon initial lease-up.

Assumptions:

Property Information			Operation Assumption			
Address	15	3 Sixth Avenue, Brooklyr				2.00%
Lot SF	10	32,000				3.00%
Total GSF		830,000				\$120
Total Rentable SF		630,000				\$250
Gross Building Area		830,000	Opex			
Residential		50,000		\$/Unit	\$/Unit/Mo.	% EGI
Retail		780,000				3.50%
Rentable Building Area		700,000	Insurance			3.50%
		630,000	Prop. Mgmt. Fee			10.00%
Residential		585,000				0.00%
Retail		90% 45,000				2.00%
		5070 15,000	Cap-Ex Reserve	\$250	\$20.83	
Financing Cost			Leasing Commission			6.00%
Mortgage Recording Tax	2.85%	\$9,410,740				
Loan Arrangement Fee	0.50%	\$1,651,007				
Loan Origination Fee	1.00%	\$3,302,014				
Total		\$14,363,761	_			

Stabilized Unlevered Annual Cash Flow:

	Date Ending				Dec-22	Dec-23	Dec-24	Dec-25	Dec-26	Dec-27
	Year #	0	1	2	3	4	5	6	7	
	Month #	0	12	24	36	48	60	72	84	g
	Total									
Construction Timeline (Straight-Line)	100%	0.0%	33.3%	33.3%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Land Acquisition	194,745,462	194,745,462		-			-	-	-	
Hard Costs	176,944,021	-	58,981,340	58,981,340	58,981,340	-	-	-	-	-
Soft Costs	64,636,512	-	21,545,504	21,545,504	21,545,504	-	-	-	-	-
Total Development Costs	436,325,995	194,745,462	80,526,844	80,526,844	80,526,844	-	-	-	-	-
Revenues										
Potential Gross Income										
Residential										
Affordable		-	-	-	-	850,714	2,434,456	3,149,763	3,213,986	3,278,265
Market		-	-	-	-	10,022,959	28,781,988	37,891,344	38,873,158	39,650,623
Total Residential		-	-	-	-	10,873,673	31,216,444	41,041,107	42,087,144	42,928,887
Vacancy	3.00%	-	-	-	-	(326,210)	(936,493)	(1,231,233)	(1,262,614)	(1,287,867
Other Income										
Retail		-	-	-	-	-	-	-	-	-
Amenity		-	-	-	-	-	-	-	-	-
Effective Gross Income		-	-	-	-	10,547,462	30,279,951	39,809,874	40,824,529	41,641,020
Operating Expenses										
Utilities (Water + Gas)	3.50%	-	-	-	-	369,161	1,059,798	1,393,346	1,428,859	1,457,436
Insurance	3.50%	-	-	-	-	369,161	1,059,798	1,393,346	1,428,859	1,457,436
Prop. Mgmt. Fee	10.00%	-	-	-	-	1,054,746	3,027,995	3,980,987	4,082,453	4,164,102
Real Estate Taxes	0.00%	-	-	-	-	-	-	-	-	-
Repairs & Maintenance	2.00%		-	-	-	210,949	605,599	796,197	816,491	832,820
Total Operating Expenses	19.00%	-	-	-	-	2,004,018	5,753,191	7,563,876	7,756,661	7,911,794
NOI (operation)		-	-	-	-	8,543,445	24,526,760	32,245,998	33,067,869	33,729,226
Capital Expenditure:										
Capex reserve		-	-	-	-	58,500	164,333	209,333	210,000	210,000
Broker Commisions		-	-	-	-	632,848	1,816,797	2,388,592	2,449,472	2,498,461
NOI (property)		-	-	-	-	7,852,097	22,545,630	29,648,072	30,408,397	31,020,765
NTM NOI		-	-	-	8,543,445	24,526,760	32,245,998	33,067,869	33,729,226	34,403,811
Asset Valuation		-	-	-	-	-	-	-	-	688,076,213
Sales Commission		-	-	-	-	-	-	-	-	(20,642,286
Net Sales Proceeds		-	-	-	-	-	-		-	667,433,927
Projected Unlevered Cash Flow		(194,745,462)	(80,526,844)	(80,526,844)	(80,526,844)	7,852,097	22,545,630	29,648,072	30,408,397	698,454,692
Projected Unlevered IRR	9.3%									
Projected Unlevered Cash Multiple	1.81x									
Profit	352,582,893									
PV	255,936,733									
NPV	61,191,271									
Yield on Cost						1.8%	5.2%	6.8%	7.0%	160.19

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Stabilized Levered Annual Cash Flow:

	Date Ending	Dec-19	Dec-20	Dec-21	Dec-22	Dec-23	Dec-24	Dec-25	Dec-26	Dec-27
	Year #	0	1	2	3	4	5	6	7	8
	Month #	0	12	24	36	48	60	72	84	96
Projected Unlevered Cash Flow		(194,745,462)	(80,526,844)	(80,526,844)	(80,526,844)	7,852,097	22,545,630	29,648,072	30,408,397	698,454,692
Projected Unlevered IRR	9.3%									
Projected Unlevered Cash Multiple	1.81x									
Profit	352,582,893									
PV	255,936,733									
NPV	61,191,271									
Yield on Cost						1.8%	5.2%	6.8%	7.0%	160.1%
Levered Cash Flows	Total									
Equity Available		155,878,642	-	-	-	-	-	-	-	-
Equity Drawn		155,878,642	-	-	-	-	-	-	-	-
Equity Remaining		-	-	-	-	-	-	-	-	-
Cumulative Drawn		155,878,642	155,878,642	155,878,642	155,878,642	155,878,642	155,878,642	155,878,642	155,878,642	155,878,642
		(00.000.000)	(((
Cash Flows After Equity Draws		(38,866,820)	(80,526,844)	(80,526,844)	(80,526,844)	7,852,097	22,545,630	29,648,072	30,408,397	698,454,692
Acquisition and Construction Loan										
Beginning Balance		0	43,819,841	127,624,825	214,844,155	305,616,934	310,365,867	-	-	-
Origination Fee		4,953,021	-	-	-	-	-	-	-	-
Loan Draws		38,866,820	80,526,844	80,526,844	80,526,844	-	-	-	-	-
Interest	44,985,969	-	3,278,141	6,692,485	10,245,935	12,354,773	12,414,635	(0)	(0)	(0)
Interest Prepayment	20,020,475	-	-	-	-	7,605,841	12,414,635	(0)	(0)	(0)
Principal Prepayment	310,365,867	-	-	-	-	-	310,365,867	-	-	-
Ending Balance		43,819,841	127,624,825	214,844,155	305,616,934	310,365,867	-	-	-	-
Cash Flows after Constructional Loans	;	0	(0)	(0)	(0)	246,256	(300,234,872)	29,648,072	30,408,397	698,454,692
Permanent Loan										
Refinance Proceeds	363,871,852						363,871,852		-	
Loan Payment	303,871,832						-	21,056,726	21,056,726	21,056,726
Paydown		-	-	-	-	-	-	-	-	347,327,538
-,										,,
Starting Balance		0	0	0	0	0	0	367,547,325	361,074,683	354,338,335
Loan Drawn		0	0	0	0	0	367,547,325	0	0	0
Interest		0	0	0	0	0	0	14,584,083	14,320,378	14,045,929
Debt Service		0	0	0	0	0	0	21,056,726	21,056,726	21,056,726
Amortization		0	0	0	0	0	0	6,472,642	6,736,348	7,010,797
Repayment		0	0	0	0	0	0	0	0	347,327,538
Ending Balance		0	0	0	0	0	367,547,325	361,074,683	354,338,335	(0)
Levered Cash Flow		(155,878,642)	(0)	(0)	(0)	246,256	63,636,980	8,591,346	9,351,671	330,070,428
Projected Levered IRR	14.1%		,	(-)	,	.,				.,,==
Projected Levered Cash Multiple	2.64x									
Crack an Crack							CD 20 (0.22/	10.4%	257.00/
Cash on Cash							69.0%	9.3%	10.1%	357.8%
Return on Equity							41%	10%	10%	216%
Debt Yield							7%	9%	9%	10%
DSCR							0.00x	1.53x	1.57x	1.60x

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After-tax Investment Annual Cash Flow:

	AFTER-TAX INVESTMENT ANALYSIS (leveraged)										
Date Ending	Dec-19 Dec-20 Dec-21 Dec-22 Dec-23 Dec-24 Dec-25 Dec-26 D										
Year #	0	1	2	3	4	5	6	7	8		
Month #	0	12	24	36	48	60	72	84	96		
NOI (Property)	0	0	0	0	7,852,097	22,545,630	29,648,072	30,408,397	31,020,765		
Less (Debt Service+Int Repay)	0	0	0	0	(7,605,841)	(12,414,635)	(21,056,726)	(21,056,726)	(21,056,726)		
Before-tax Cash Flow	0	0	0	0	246,256	10,130,995	8,591,346	9,351,671	9,964,039		
NOI (Operating)	0	0	0	0	8,543,445	24,526,760	32,245,998	33,067,869	33,729,226		
Less: Interest	0	0	0	0	(7,605,841)	(12,414,635)	(14,584,083)	(14,320,378)	(14,045,929)		
Depreciation	0	0	0	0	(4,993,473)	(4,993,473)	(4,993,473)	(4,993,473)	(4,993,473)		
Taxable Income	0	0	0	0	(4,055,870)	7,118,652	12,668,441	13,754,017	14,689,824		
Tax at Income Rate of 35%	0	0	0	0	0	(1,071,974)	(4,433,954)	(4,813,906)	(5,141,438		
After-Tax Cash Flow	0	0	0	0	246,256	9,059,021	4,157,392	4,537,765	4,822,601		
After-Tax Cash on Cash Yield					0.2%	5.8%	2.7%	2.9%	3.1%		
Before-Tax Cash on Cash Yield					0.2%	6.5%	5.5%	6.0%	6.4%		
Equity Investment	(155,878,642)										
Refinance Net Cash Flow	0	0	0	0	0	53,505,985	0	0	0		
Sale Price	0	0	0	0	0	0	0	0	688,076,213		
Sales costs	0	0	0	0	0	0	0	0	(20,642,286		
Mortgage Balance	0	0	0	0	0	0	0	0	(347,327,538		
Total Before-tax Cash Flow	(155,878,642)	0	0	0	246,256	63,636,980	8,591,346	9,351,671	330,070,428		
BTIRR on Equity (Leveraged)	14.1%										
Before Tax Multiple	2.64x										
Tax from Sale	0	0	0	0	0	0	0	0	(23,450,230		
Total After-Tax Cash Flow	(155,878,642)	0	0	0	246,256	9,059,021	4,157,392	4,537,765	301,478,759		
ATIRR on Equity	9.6%										
After Tax Multiple	2.05x										

JV Deal Level Waterfall:

	JV Deal Level Waterfall										
				Hurdle	GP	LP	GP Promote	Promote %			
		Tier I (up to Hurdle I)		8.0%	5.0%	95.0%	0.0%	FIGHIOLE /6			
		Tier II (from Hurdle I up	to Hurdle 2)	12.0%	5.0%	76.0%	19.0%	20.0%			
		Tier III (Above Hurdle 2)			5.0%	57.0%	38.0%	40.0%			
		Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year	
Cashflow	<u>IRR</u> 14.1%	(455.070.642)	(0)	(0)	(0)	246.256	62 626 000	8,591,346	0.254.674	220 070 42	
Casillow	14.1%	(155,878,642)	(0)	(0)	(0)	246,256	63,636,980	6,591,540	9,351,671	330,070,42	
Capital Contributions	%										
LP	95.0%	(148,084,710.19)									
GP	5.0%	(7,793,932.12)									
Tier I											
LP											
Beginning Balance	Hurdle	0	148,084,710	159,931,487	172,726,006	186,544,086	201,233,670	156,877,232	161,265,632	165,282,7	
Preferred Return Due	8.0%	0	11,846,777	12,794,519	13,818,080	14,923,527	16,098,694	12,550,179	12,901,251	13,222,6	
Capital Contribution		148,084,710	0	0	0	0	0	0	0		
Tier I Distributions		0	0	0	0	(233,943)	(60,455,131)	(8,161,779)	(8,884,088)	(178,505,41	
Ending Balance		148,084,710	159,931,487	172,726,006	186,544,086	201,233,670	156,877,232	161,265,632	165,282,795		
-	Check										
LP Cashflow	8.0%	(148,084,710)	(0)	(0)	(0)	233,943	60,455,131	8,161,779	8,884,088	178,505,4	
GP											
Capital Contributions		7,793,932	0	0	0	0	0	0	0		
Tier I Distributions		0	0	0	0	(12,313)	(3,181,849)	(429,567)	(467,584)	(9,395,0	
	Check					() /	(-, - ,,	(),,	(- , ,	(.,,.	
GP Cashflow	8.0%	(7,793,932)	(0)	(0)	(0)	12,313	3,181,849	429,567	467,584	9,395,0	
Total											
Total Tier Distributions			(0)	(0)	(0)	246.256	63.636.980	8.591.346	9.351.671	187,900,4	
			(-)	(-)	(-)	,	,,	-,,	-,,		
Cashflow After Tier I Distributions			0	0	0	0	0	0	0	142,169,98	
Tier II											
LP											
Beginning Balance	Hurdle	0	148,084,710	165,854,875	185,757,460	208,048,356	232,780,215	200,258,710	216,127,976	233,179,2	
Return Due	12.0%	0	17,770,165	19,902,585	22,290,895	24,965,803	27,933,626	24,031,045	25,935,357	27,981,5	
Capital Contributions		148,084,710	0	0	0	0	0	0	0		
Tier I Distributions		0	0	0	0	(233,943)	(60,455,131)	(8,161,779)	(8,884,088)	(178,505,4	
Tier II Distributions		0	0	0	0	0	0	0	0	(82,655,3	
Ending Balance		148,084,710	165,854,875	185,757,460	208,048,356	232,780,215	200,258,710	216,127,976	233,179,245		
	Check										
LP Cashflow	12.0%	(148,084,710)	(0)	(0)	(0)	233,943	60,455,131	8,161,779	8,884,088	261,160,7	
GP											
Tier II Distributions		0	0	0	0	0	0	0	0	(5,437,8	
Tier II Promote		0	0	0	0	0	0	0	0	(20,663,8	
GP Cashflow	<u>Check</u> 23.7%	(7,793,932)	(0)	(0)	(0)	12,313	3,181,849	429,567	467,584	35,496,7	
		()	(1)	(-)	(-)						
Total											
Total Tier II Distributions + Promote		0	0	0	0	0	0	0	0	108,757,0	
Cashflow After Tier II Distributions		0	0	0	0	0	0	0	0	33,412,9	
								-		, _,-	
Tier III											
LP Distributions		0	0	0	0	0	0	0	0	(19,045,3	
GP Distributions		0	0	0	0	0	0	0	0	(1,670,6	
GP Promote Distributions		0	0	0	0	0	0	0	0	(12,696,9	
Total Tier III Distributions		0	0	0	0	0	0	0	0	33,412,9	
LP Cashflow		(148,084,710)	(0)	(0)	(0)	233,943	60,455,131	8,161,779	8,884,088	280,206,1	
IP Cashtiow IRR (LP)	12.8%	(140,004,710)	(0)	(0)	(0)	233,943	00,400,101	0,101,779	0,004,008	200,200,1	
mm (E) /	2.42x										

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