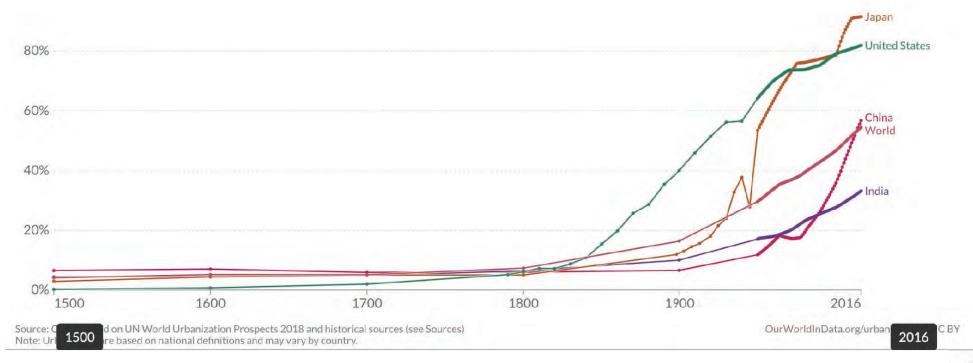
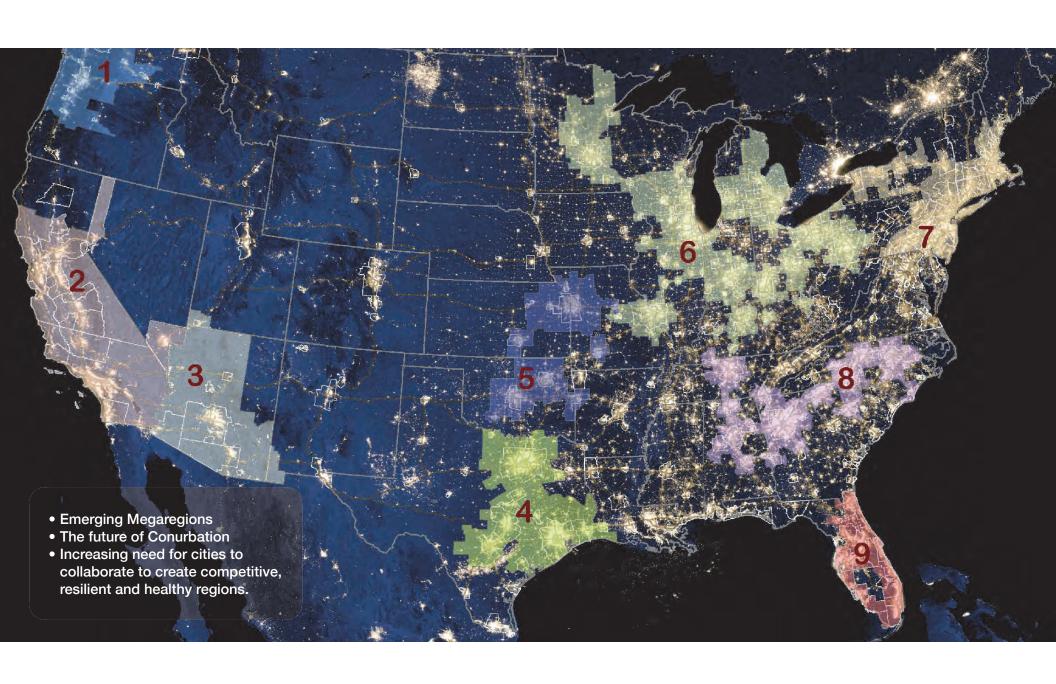


URBANIZATION 1500-2016

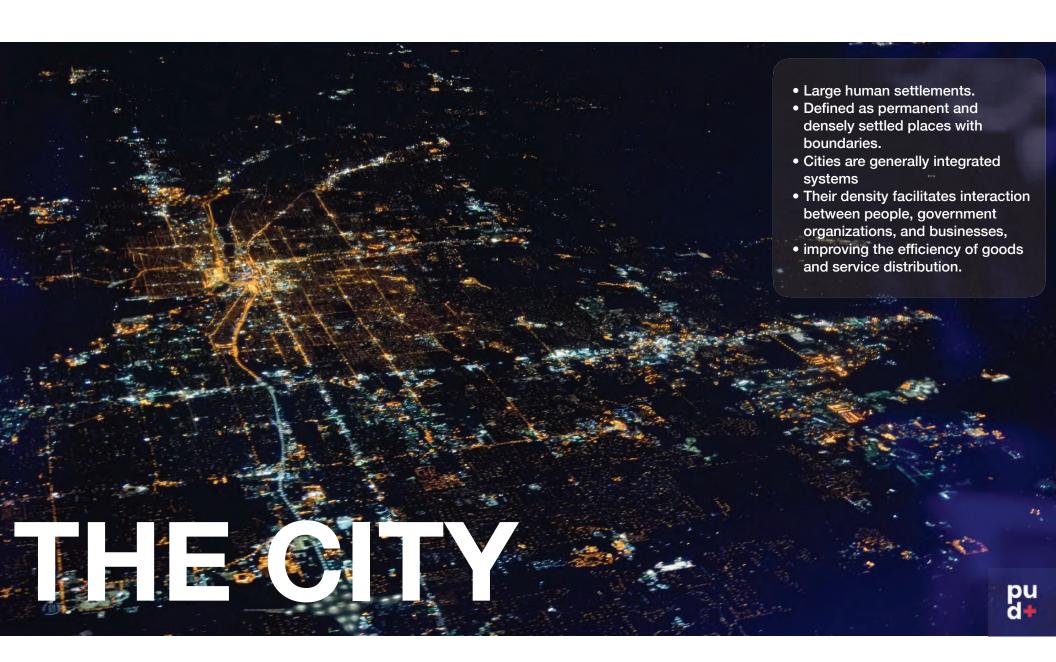


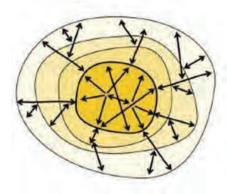


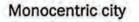


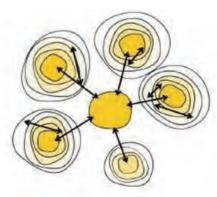




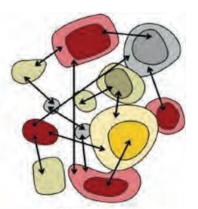




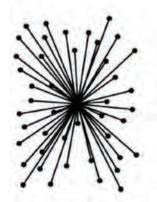




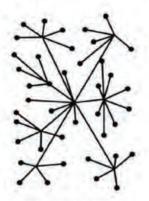
Polycentric city cluster with "satellite centres"



Network city



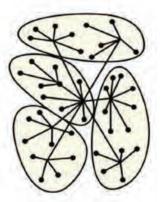
Centralized structure



De-centralized structure



Distributed structure

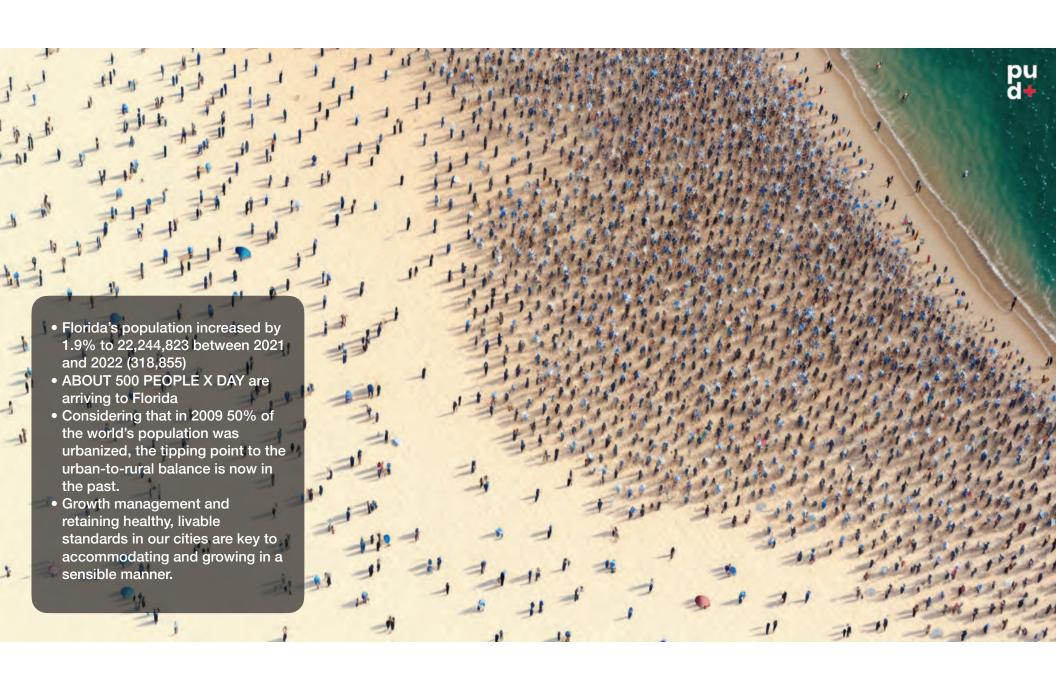


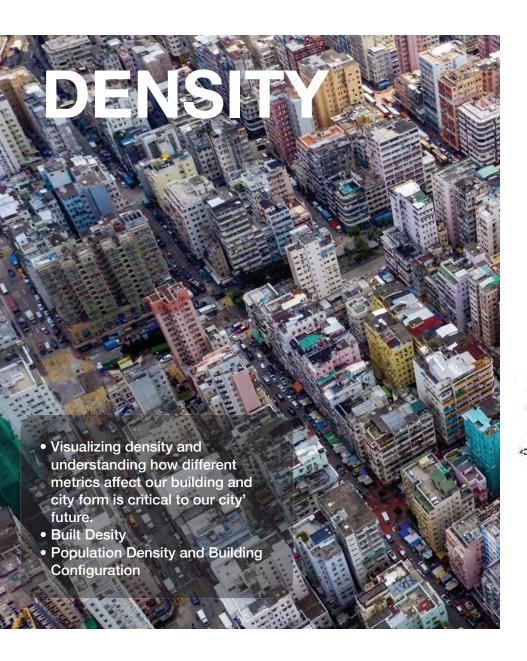
Hybrid structure

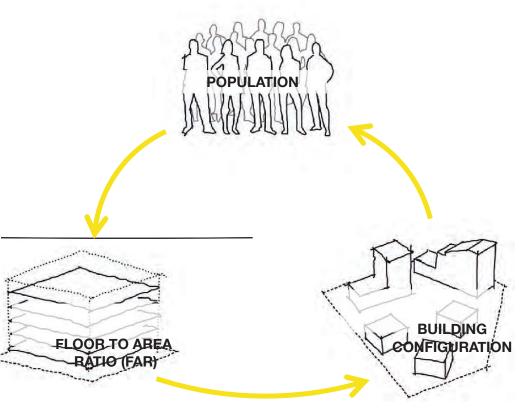
- The arrangement of land use in urban areas, or how a city's land use is laid out, is known as urban structure.
- Several theories have been developed by urban planners, economists, and geographers.
- From monocentric to network cities and related urban structures (Lehman 2012, 10)
- How we grow is a function of priority.
- Competitiveness will result in our ability to apply the right growth management at different scaels









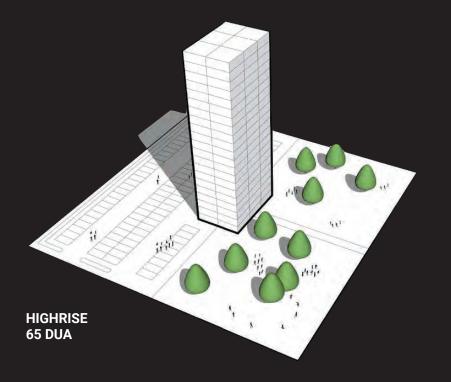


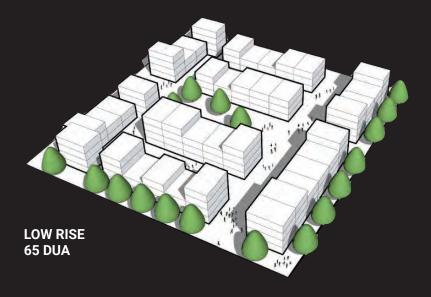
BUILT DENSITY

HOUSING DENSITY



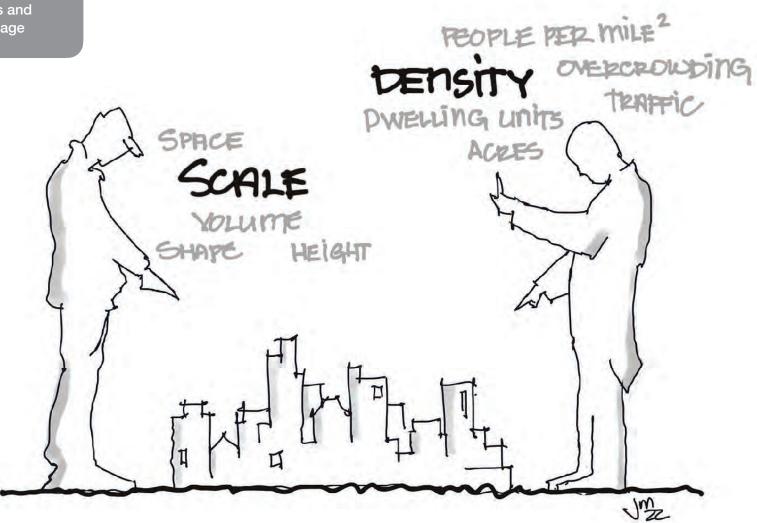
- Zoning for height did not mean more density but
- Character change and reduced walkable environments



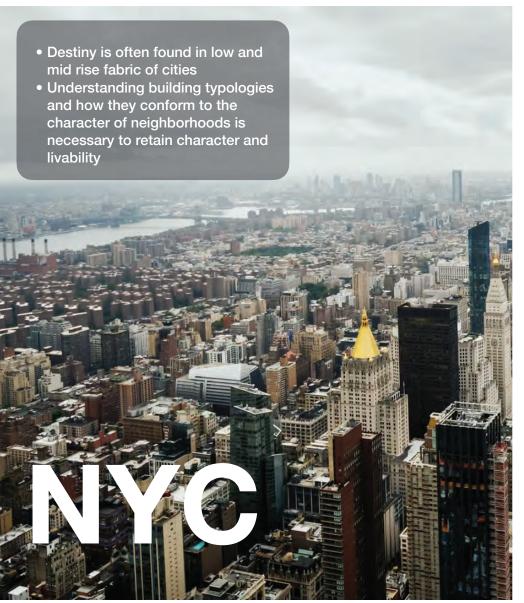




 Effective communication starts by dispelling contradictions and finding a common language









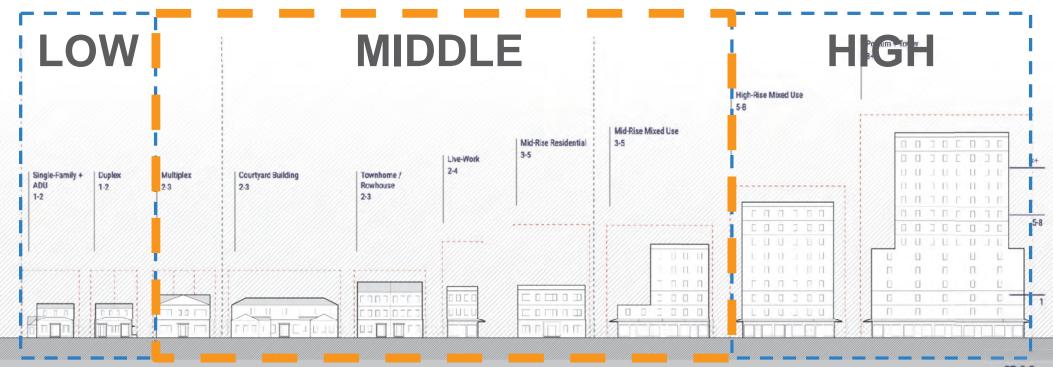


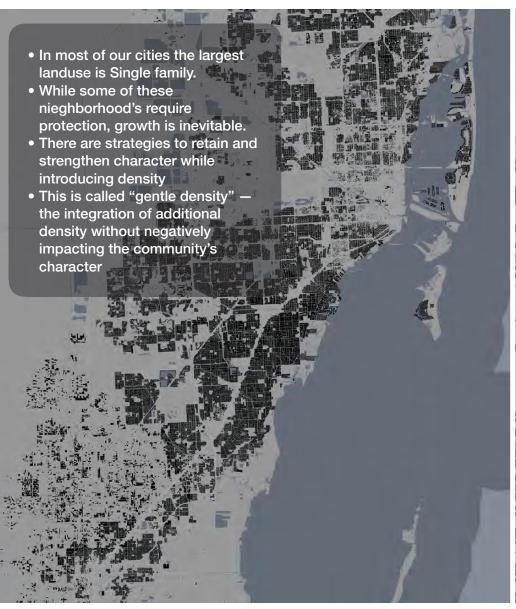
BUILDING MORPHOLOGY

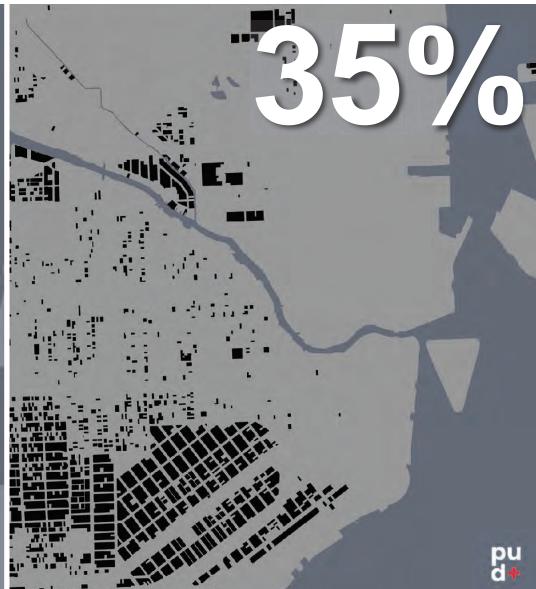
- Land thirsty
- Low density
- Push residents to suburbs
- Costly

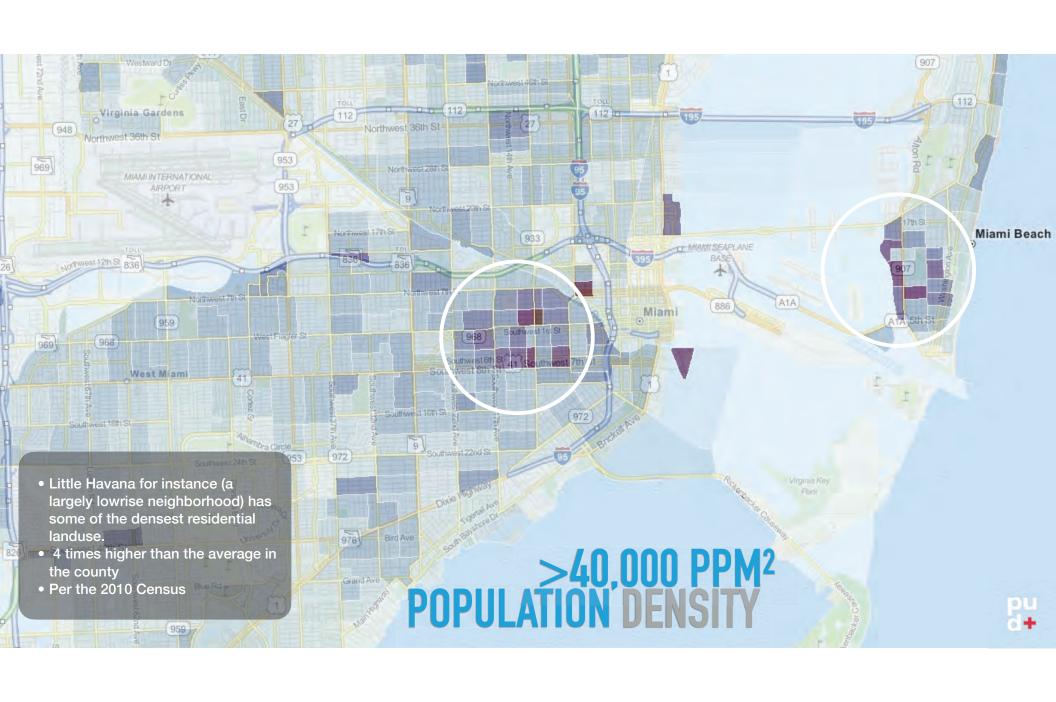
- Land efficient rarely requires land assembly
- Fits in existing low-scale areas
- Low to no subsidies
- Empower property owners to be small scale developers

- Land thirsty requires assemblages
- Impacts existing low scale areas
- Often subsidized with LIHTC
- Costly









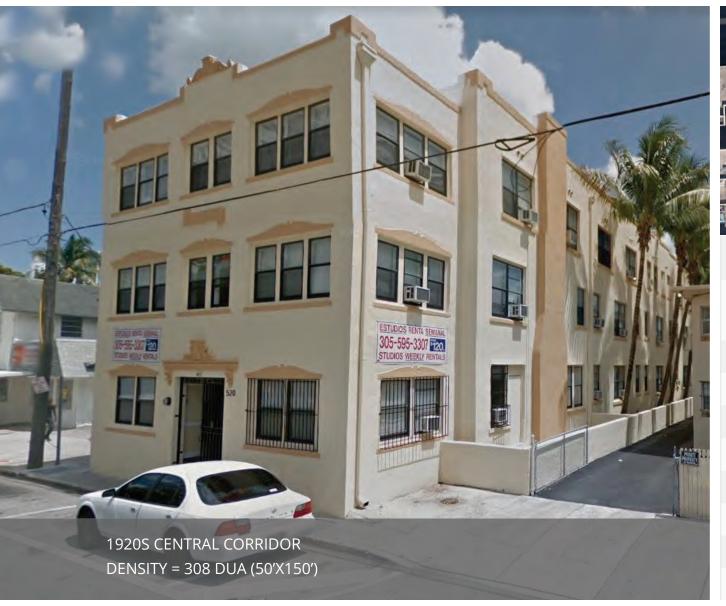




JADE BRICKELL = 124 DUA

THE WOODWARD = 154 DUA





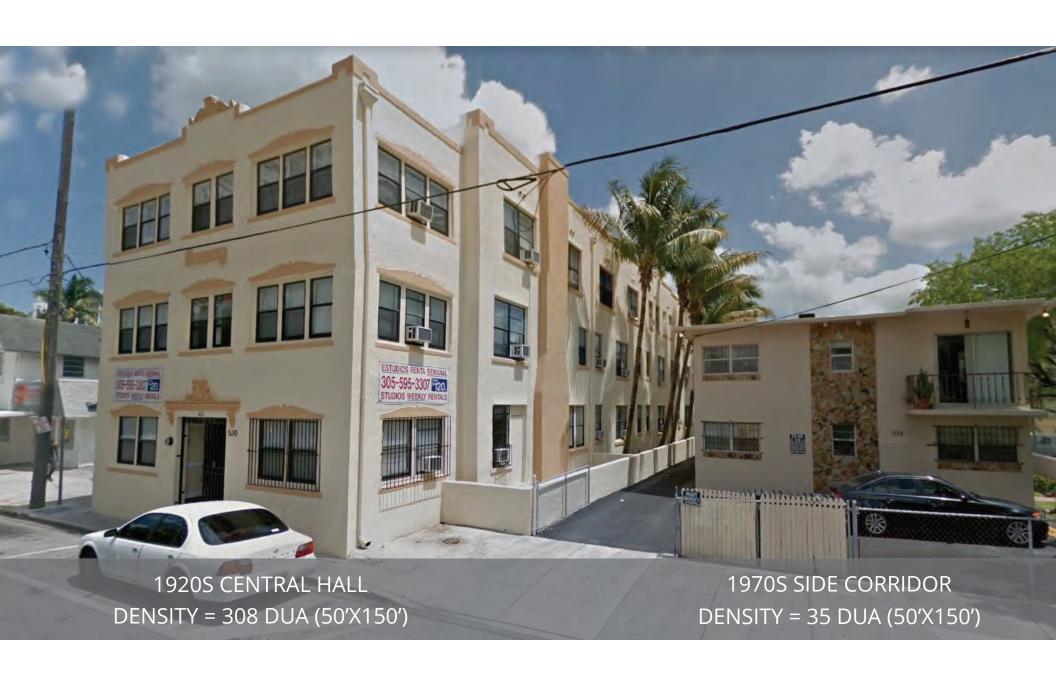


PA Primary Zone 6110 COMM/RESIDENTIAL-DESIGN D

Primary Land Use

0303 MULTIFAMILY 10 UNITS PLUS : MULTIFAMILY 3 OR MORE UNITS

Beds / Baths / Half	53 / 53 / 0	
Floors	3	
Living Units	53	
Actual Area		
Living Area		
Adjusted Area	15,860 Sq.Ft	
Lot Size	7,500 Sq.Ft	pu
Year Built	1923	d+



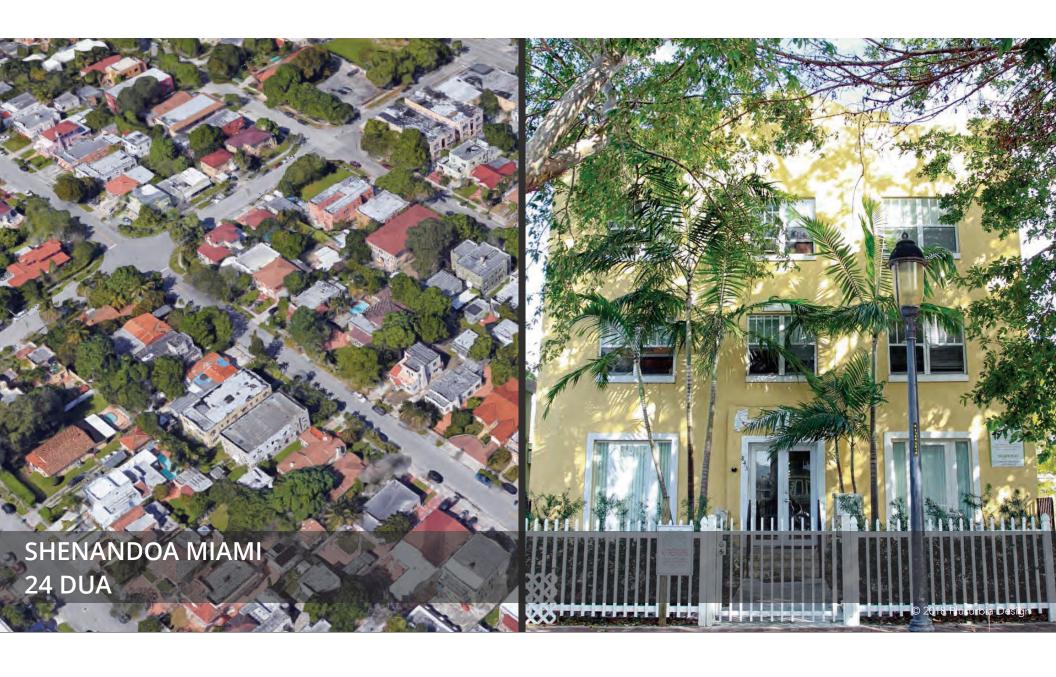






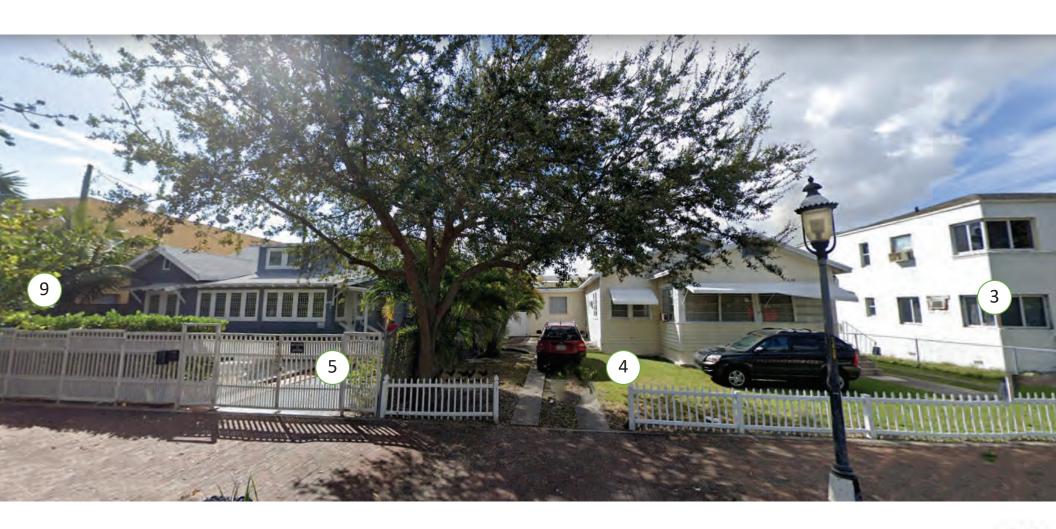


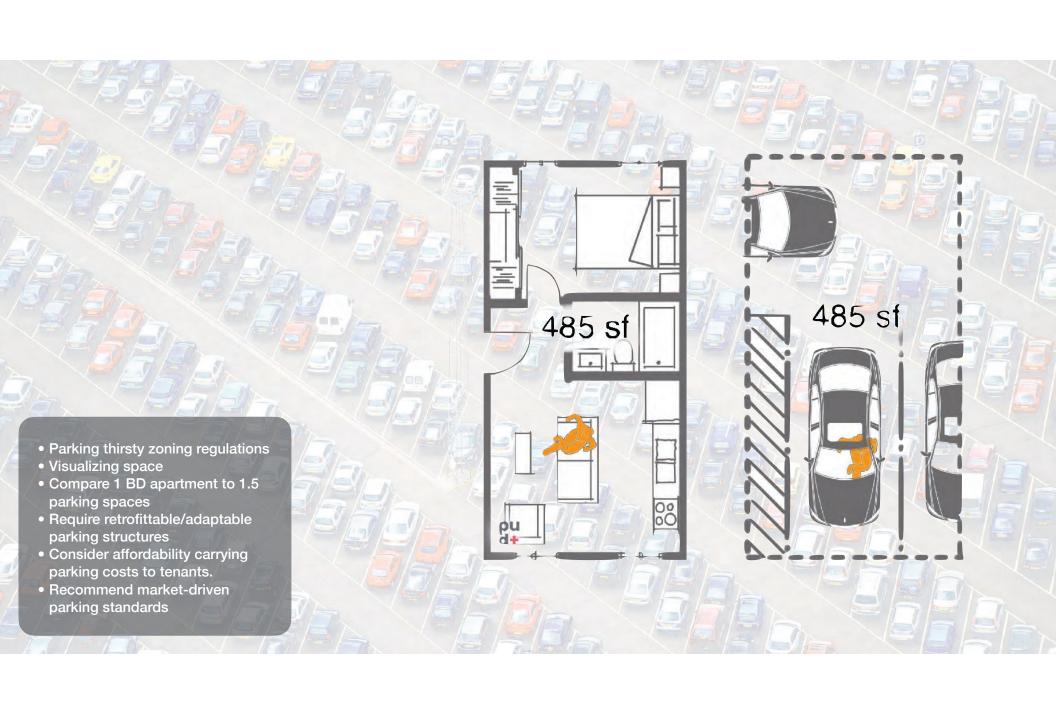


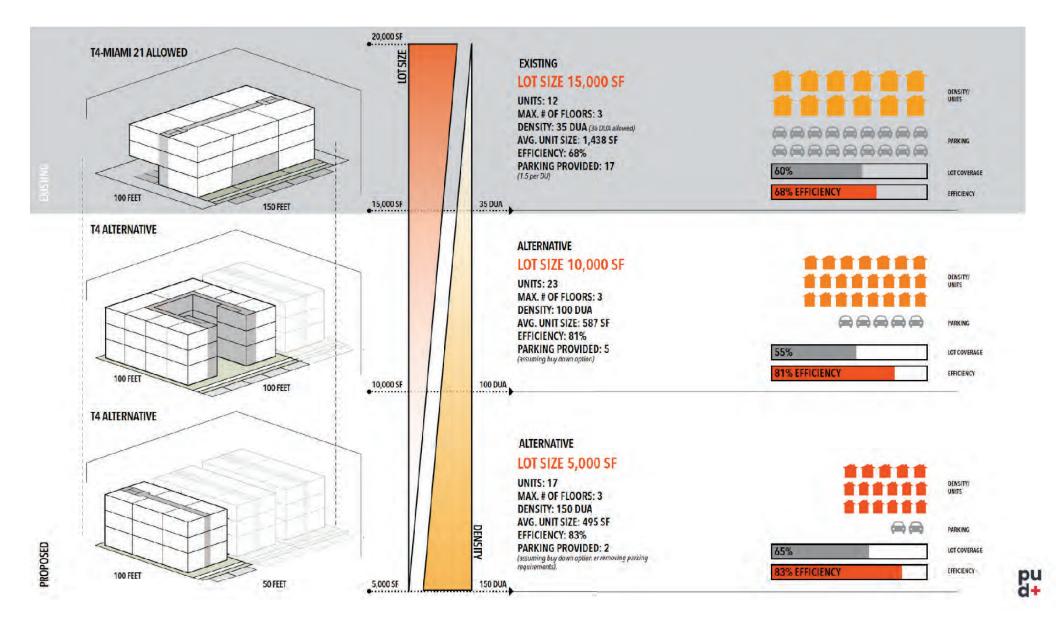




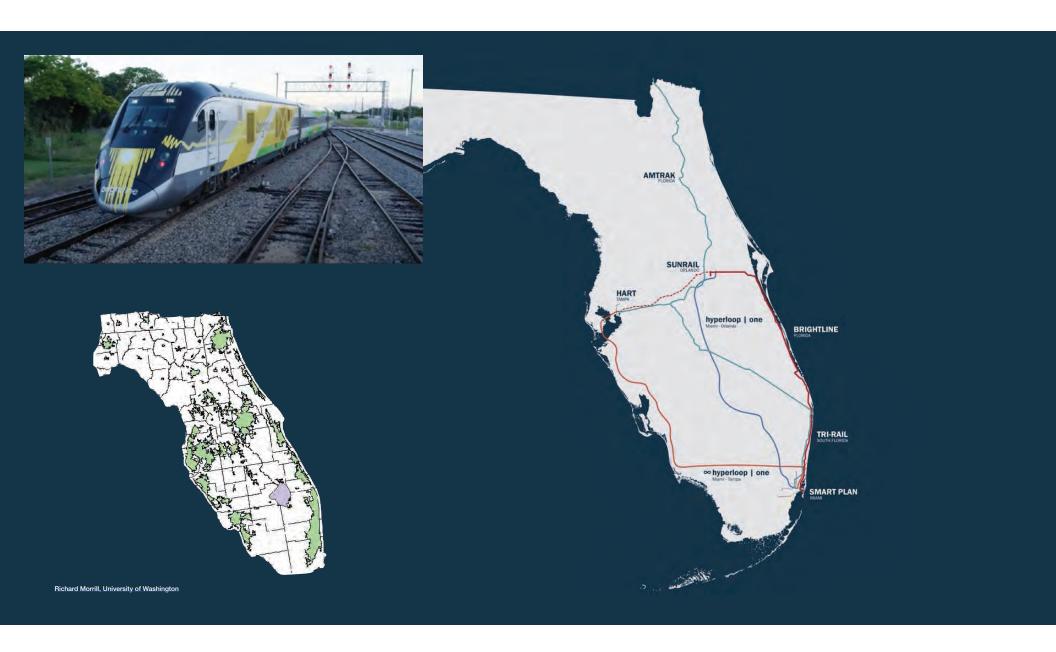














TRANSIT ORIENTED DEVELOPMENT PRINCIPLES









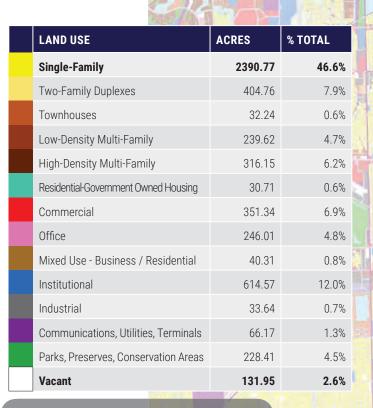
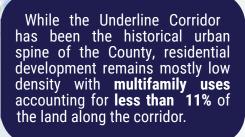


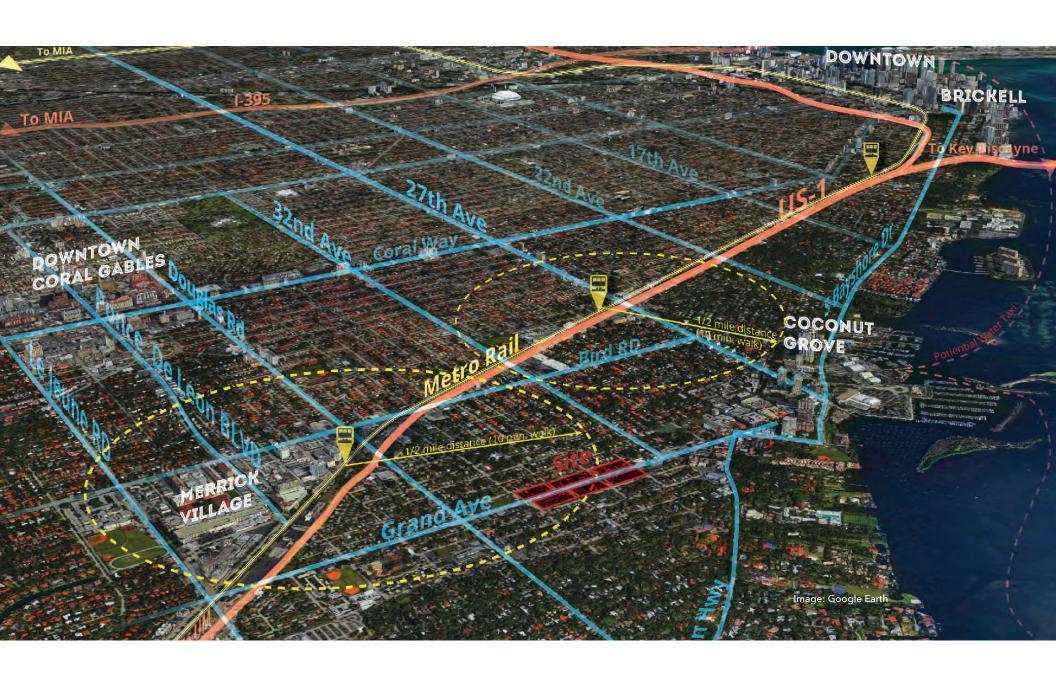
Table: Metro rail 30% utilization oundary. (source: Miami Dade ArcGIS)

- Potential to influence 1st and last mile and reduce the 78,000 AADT count on US1.
- 46.6% of area is SF Landuse
- Average of 10 DUA
- arguably minimum transit supportive 46 DUA





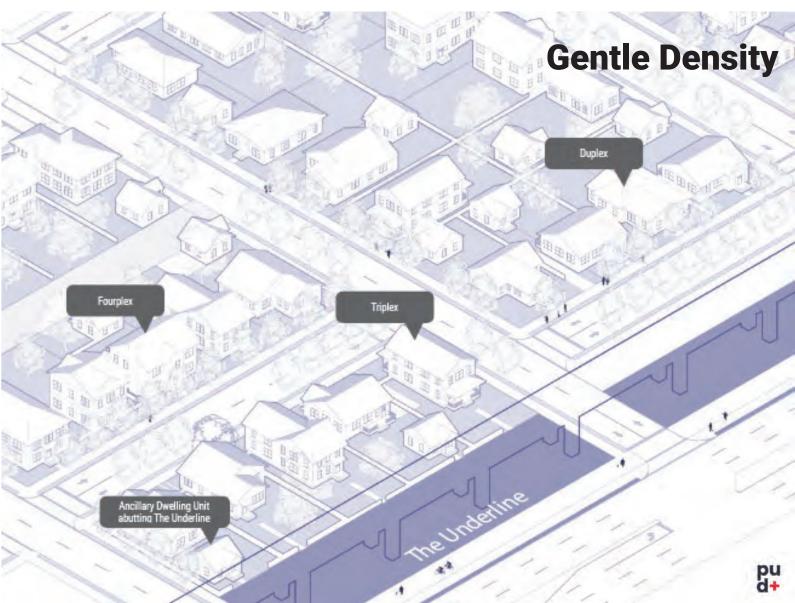
www.plusurbia.com







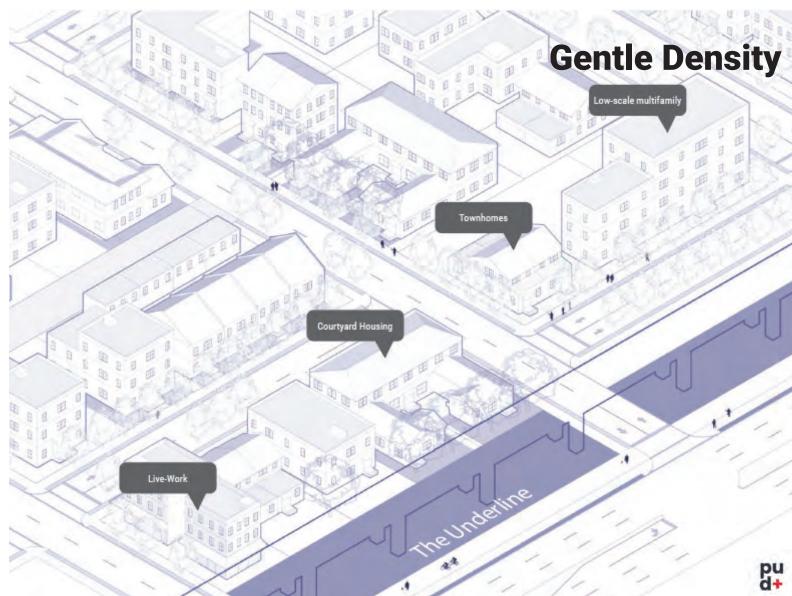


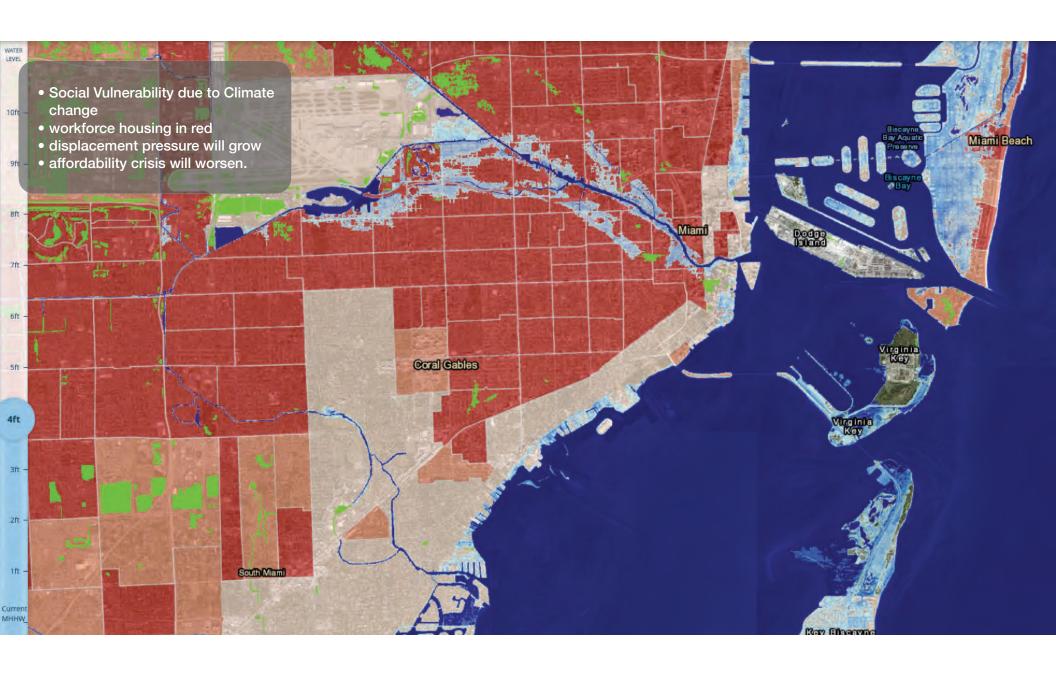


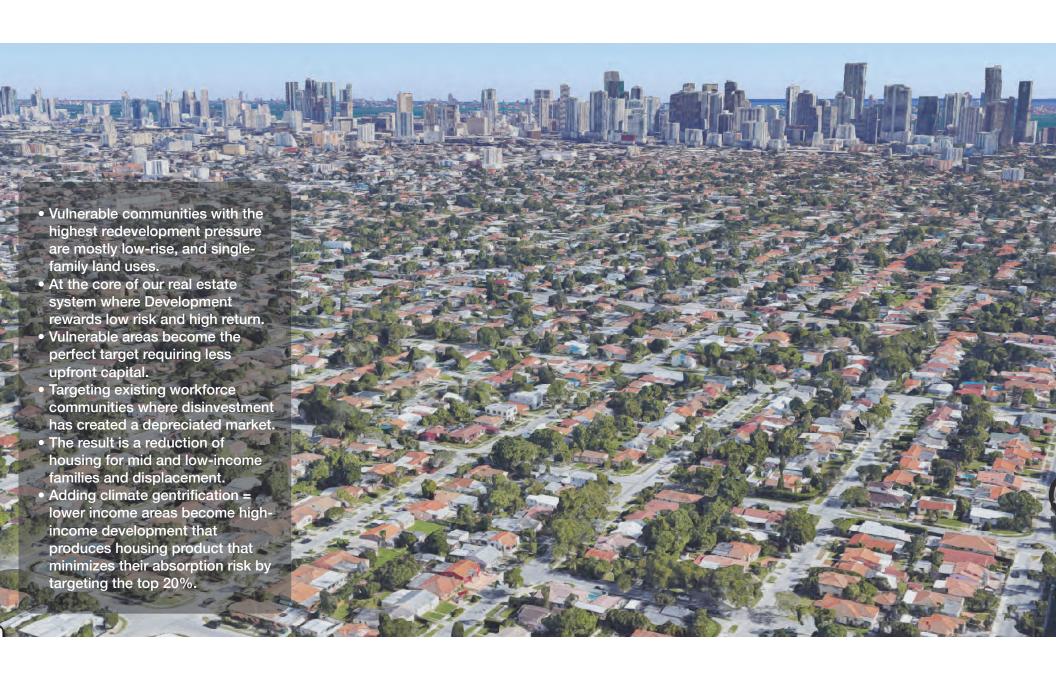












50'X125' - EXAMPLE

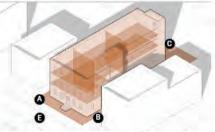
that occupies a single lot.

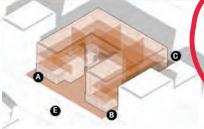
100'X100' - EXAMPLE

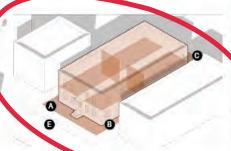
One structure with three stories and nine dwelling units One structure with three stories and fifteen dwelling inits that occupies a single lot.

50'X100' - EXAMPLE

One structure with two stories (three allowed) and eight twelling units that occupies a single lot.













Lot Size	6,250 sq. ft.	Density	72 du/ac	
Bldg Footprint	3,300 sq. ft.	Unit Count	9 du	
Bldg Area	10,000 sq. ft.	Unit Size	750-1000 sq. ft	
Lot Coverage	53%	Affordability	2 du @ 80%	
Front Setback	10 feet	Commercial	N/A	
Side Setback	5 feet			
Rear Setback	20 feet	Parking	TOD: waived TC: waived	
Bldg Height	2 story		(4.1/4/14	

Lot Size	10,000 sq. ft.	Density	72 du/ac	
Bldg Footprint	5,300 sq. ft.	Unit Count	15 du	
Bldg Area	15,000 sq. ft.	Unit Size	850-950 sq. ft.	
Lot Coverage	53%	Affordability	3 du @ 80%	
Front Setback	10 feet	Commercial	N/A	
Side Setback	5 feet		TOD: waived	
Rear Setback	20 feet	Parking		
Bldg Height	3 stories	7	To. Marvea	

5,000 sq. ft.	Density	72 du/ac	
2,800 sq. ft.	Unit Count	8 du	
5,600 sq. ft.	Unit Size	600 sq. ft.	
56%	Affordability	2 du	
10 feet	Commercial	N/A	
5 feet		TOD: waived	
20 feet	Parking		
2 story		To. Walveu	
	2,800 sq. ft. 5,600 sq. ft. 56% 10 feet 5 feet 20 feet	2,800 sq. ft. Unit Count 5,600 sq. ft. Unit Size 56% Affordability 10 feet Commercial 5 feet 20 feet Parking	

	25% AFFORDABLE 80% AMI	25. AFFORDABLE 60% A. V	50% SUBSIDIZED 60% AND BELOW	50% WITH LAND 60% AND BELOW
DEVELOPMENT PROFILE				
Total Units	8	8	8	8
Affordable Units	2	2	4	4
DEVELOPMENT				
Land Acquisition	\$500,000	8500,000	\$500,000	\$500,000
Construction	\$1,029,000	\$1,029,000	\$1,029,000	81,029,000
Saft Costs	\$468,878	\$468,878	8468,878	\$468,878
tal Project Cost	\$1,997,878	\$1,997,878	\$1,997,878	81,997,878
Cos per Unit	\$249,735	8249,735	8249,735	\$249,735
OPERATING BUDGET				
Revenu	\$156,843	8149,254	\$122,202	\$122,202
Expense	\$46,298	\$46,298	\$38,340	\$45,298
Net Or rating Income	\$110,545	\$102,956	\$83,862	\$75,904
ESERVES AND DEBT				
Replacement Reserve	84,000	\$4,000	\$4,000	\$4,000
Operating Reserve	82,315	\$2,315	\$1,917	\$2,315
Debt Service	\$83,655	\$83,655	\$83,655	\$83,655
Year 1 Net Cashflow	\$20,575	\$12,986	\$(5,710)	8(14,066)
DEBT SERVICE				
Loan to Value	65%	65%	65%	65%
Loan Amount	\$1,298,621	\$1,298,621	\$1,298,621	81,298,621
Interest Rate	5.00%	5.00%	5.00%	5.00%
Annual Debt Service	\$83,655	\$83,655	383,655	\$83,655
CAPITAL STACK				
Debt	\$1,298,621	\$1,298,621	\$1,298,621	81,298,621
Impact Fee Waiver	\$32,065	\$32,065	\$64,131	\$64,131
CRA Grant	\$0	\$50,000	\$300,000	\$0
Other Assistance	\$0	\$0	90	\$0
Land Equity	\$0	\$0	\$0	\$500,000
Owner Equity	\$667,192	8617,192	8335,127	\$135,127
TAX INCREMENT RECAPTURE	\$	\$100,502	\$81,863	8
INTERNAL RATE OF RETURN	11.2%	10.2%	8.9%	12.3%
Fiscal Impact				Du
Incentives	\$32,065	8182,567	8445,993	1564 131
20-Year TIF to CRA	8324.225	3301.969	8245.966	C 2500

