Portland State University

PDXScholar

altREU Projects

altREU: Computational Modeling Serving Your Community

Fall 8-20-2021

Developing a Strategy for Creating Affordable Student Housing Solutions

Juan D. Campolargo *University of Illinois at Urbana-Champaign*

Follow this and additional works at: https://pdxscholar.library.pdx.edu/altreu_projects

Part of the Computer Engineering Commons, and the Electrical and Computer Engineering Commons Let us know how access to this document benefits you.

Citation Details

Campolargo, Juan D., "Developing a Strategy for Creating Affordable Student Housing Solutions" (2021). altREU Projects. 9.

https://pdxscholar.library.pdx.edu/altreu_projects/9

This Podcast is brought to you for free and open access. It has been accepted for inclusion in altREU Projects by an authorized administrator of PDXScholar. Please contact us if we can make this document more accessible: pdxscholar@pdx.edu.



Developing a Strategy for Creating Affordable Student Housing Solutions







Goal

Why should you care?





What have others tried?

Not much...







My Approach

- 1. Profitability
- 2. Innovative Building
- 3. Curiosityland





Houses built in one day!

Let's take a look (https://www.boxabl.com/)







What have I done so far?

- 1. Meetings with Ph.D. and Master of Science in Real Estate (MSRE)
 - 2. Completed Business Plan & Financial Modeling
 - 3. Zoning & Planning Laws & Permits
 - 4. Crowdsourcing (soon).

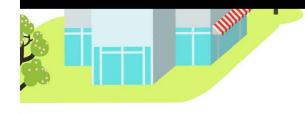




Financial Modeling

Set up Cost							
Land Cost	\$ 1,000,000.00						
Hard cost	\$ 1,500,000.00	Buildings & infrastructure					
Soft Costs	\$ 200,000.00	Legal, architectural, permitting, etc.					
Financing Cost	\$ -	As the constr	uction of the units will take a short	amou	unt of tim	e, you may not need a construction	on loan. I'm also n
Total Cost	\$ 2,700,000.00						
Financing							
						Loan assumptions	
Total Cost	\$ 2,700,000.00					Interest rate	4%
Equity	\$ 675,000.00					Maturity	30
Debt	\$ 2,025,000.00	Loan to cost	75%	5		Monthly mortgage payment	(\$9,093.15)
						Ending Balance	(\$1,567,894.23)
Revenue Assumptions			Operating cost assumptions				
Rental rate per unit	\$ 300.00	monthly	Operating costs per unit	\$	40.00	monthly	
Rental rate inflation	3%		Expense inflation		2%		
Number of units	40		Capital reserve per unit	\$	10.00	monthly	
Vacancy & Collection losses	5%						
Equity Reversion Assumptions							
Sales cost	2%						
Cap rate	6%						
Holding period	10						







What's Next?

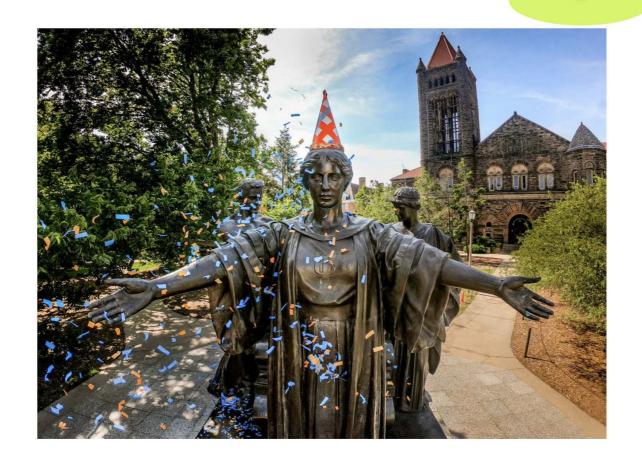
- 1. Finalize business plan/costs/materials
- 2. Find Funding Sources
- 3. START BUILDING!!!!!!

















Developing a Strategy for Creating Affordable Student Housing Solutions

