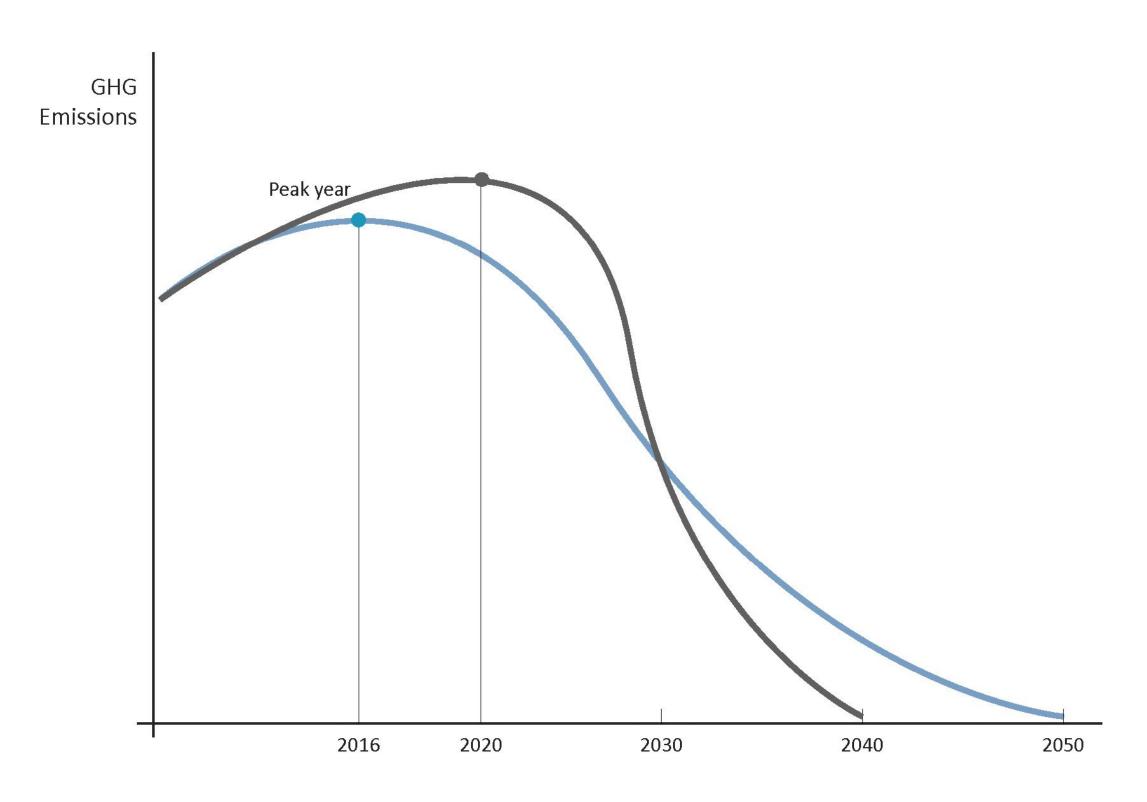
The Eco Proforma[™]

(Lessons Learned on our way to scaling Passive House in the U.S.)





TIMING MATTERS



HOW WILL THE MARKET CHANGE?

- A) Goodwill..."Just do it"
- B) Change the building code (everywhere)
- C) Capitalism



HOW WILL THE MARKET CHANGE?

A) Just do it

B) Change the building code (everywhere)







Conventional Multifamily Apartment



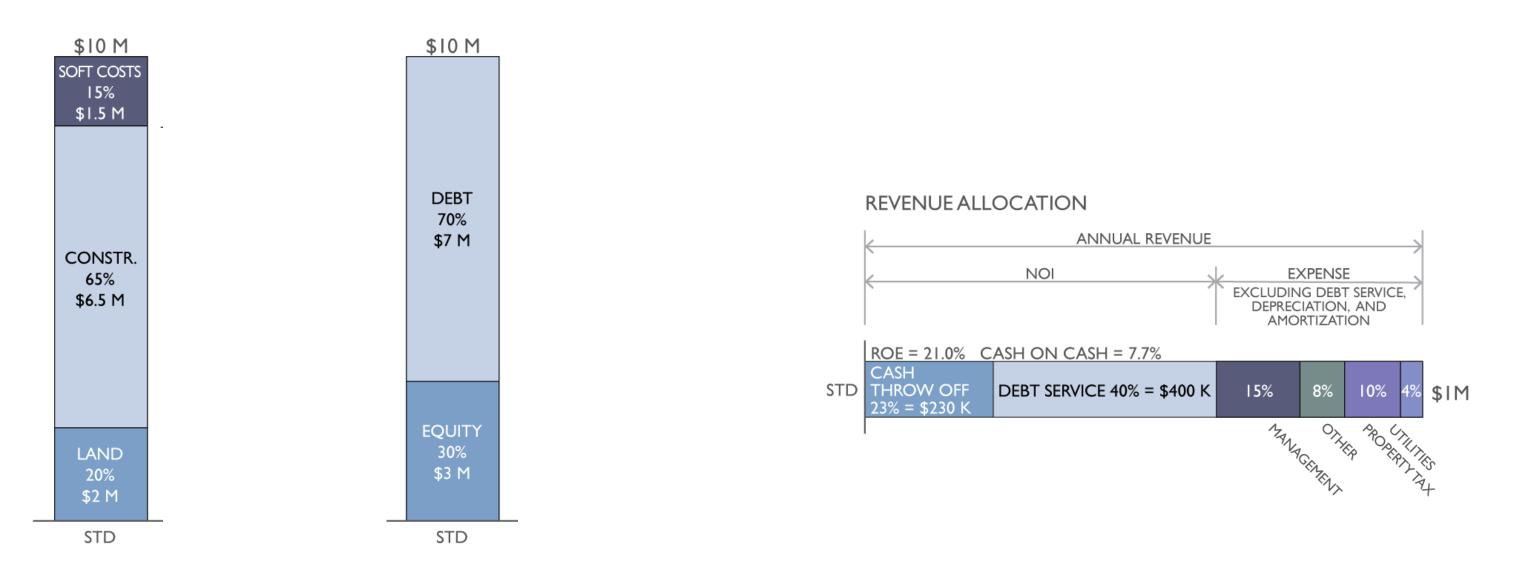
35,000 GSF, 30,000 rentable 40 Units, average 750 SF/unit 4 levels, type-VA construction \$170/sf construction cost \$2.93/sf/mo average rent 5.5% vacancy

\$2M land cost \$6M construction cost \$1M annual gross revenue

CONVENTIONAL APPROACH

DEVELOPMENT COSTS

CAPITAL SOURCES

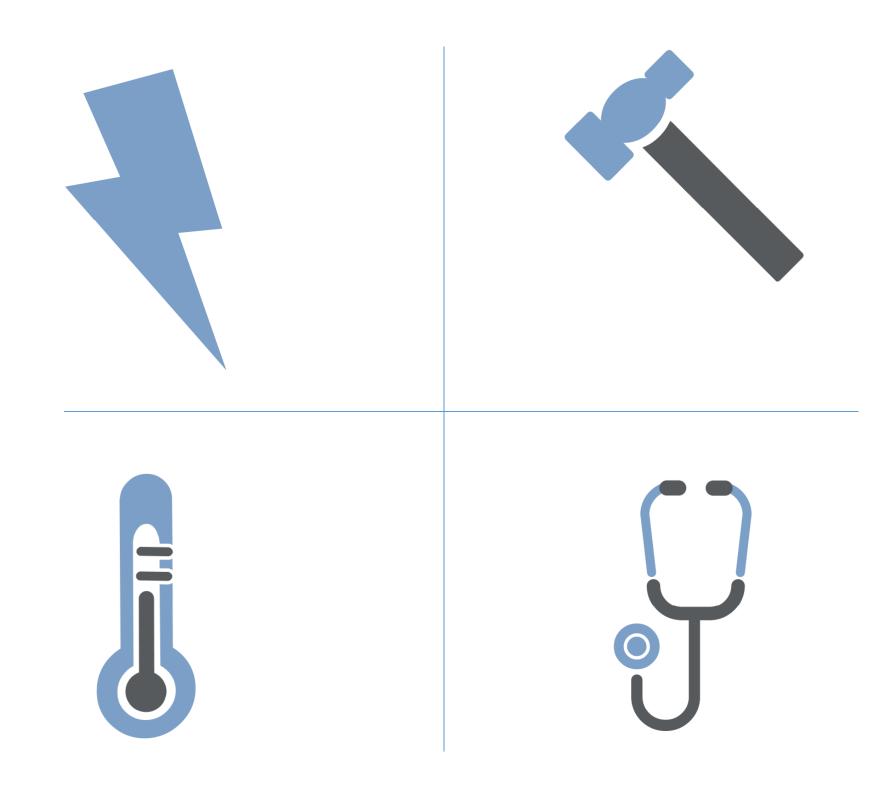




"We made too many wrong mistakes."

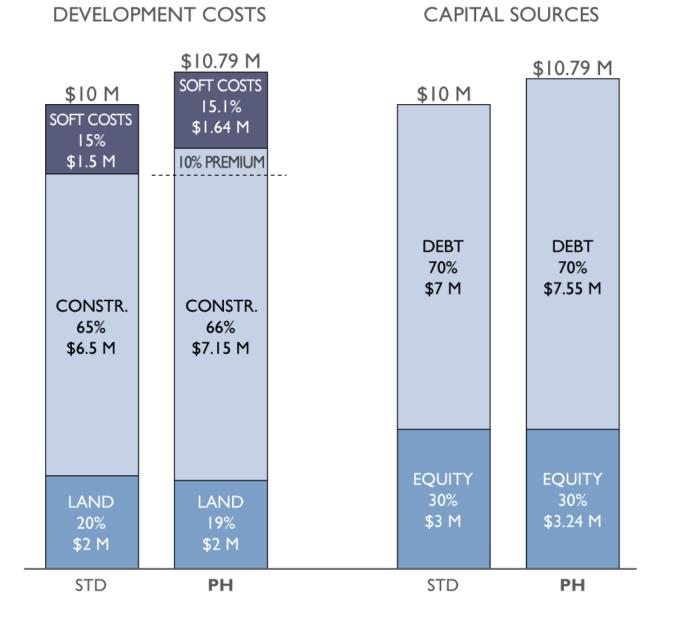
- Yogi Berra

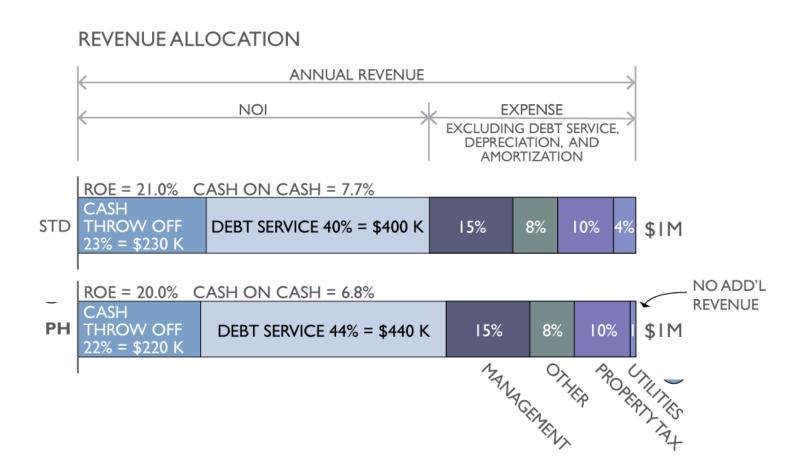






CONVENTIONAL APPROACH







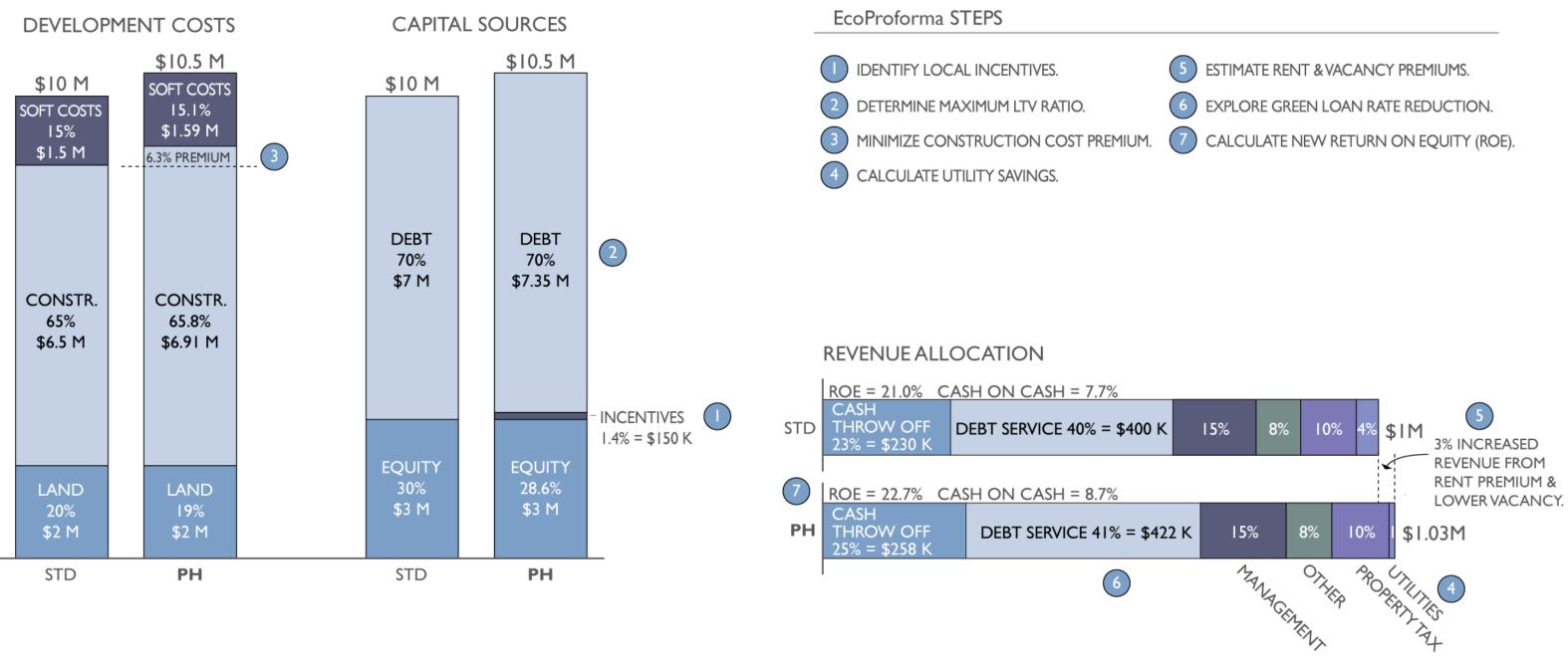
"The important thing is to learn a lesson every time you lose. Let me tell you, life is not fun when you're banging your head against a brick wall all the time.

- John McEnroe



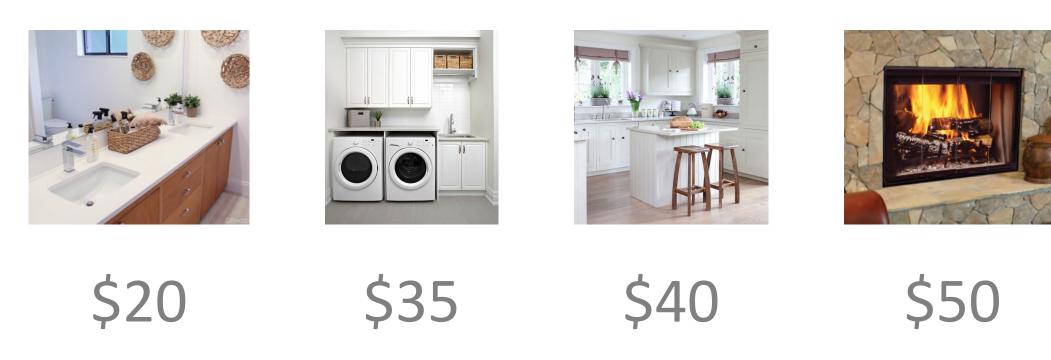
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ENLIGHTENED APPROACH "NEW RULES"





Rent Premiums / Month



Source: JPI / MPF Research, 1999 Market Analysis, Issaquah, WA

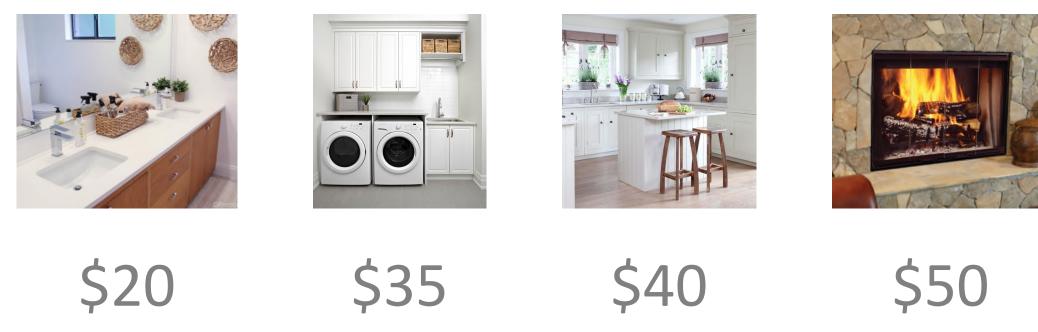








Rent Premiums / Month



\$40/month of value ~ 2% rent increase on 750 sf unit

x40 units = \$20,000/yr additional revenue



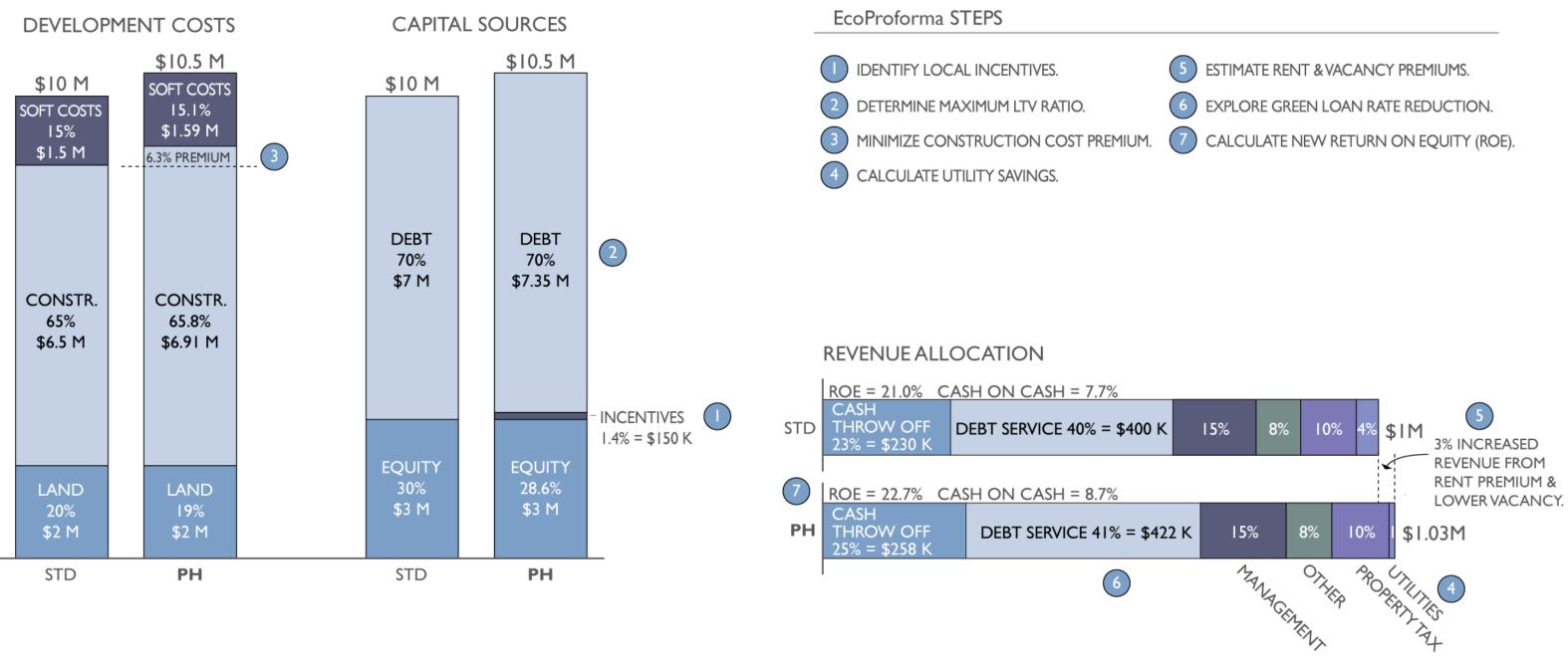






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ENLIGHTENED APPROACH "NEW RULES"





"Debt and equity markets do not like uncertainty."

- Scott Matthews, Vulcan Real Estate



Thank You

