STAK CONCEPTS

Efficiency, Density & Ease of Construction



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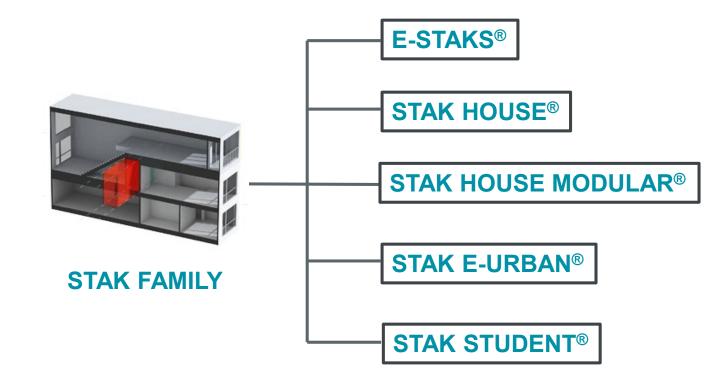
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Meet Your Speakers







FOCUSED DESIGN



EFFICIENCY

Percentage proportion of a building's rentable area, not counting the area occupied by elevators, equipment, hallways, lobby, restrooms, etc.

• Rentable Area x 100 / Total Floor Area

DENSITY

Number of dwelling units per acre



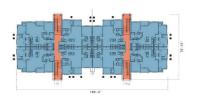






BREEZEWAY

2 and 3 story Efficiency: 80% Density: 2 story - 18 units/acre 3 story - 24 units/acre





E-URBAN®

3, 4 and 5 story

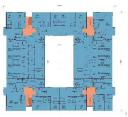
Efficiency: 85% Density: 3 story- 28-30 units/acre 4 story - 38-40 units/acre 5 story - 48-50 units/acre

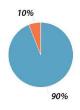




STAK E-URBAN[®]

Efficiency: 90% Density: 4 story - 41 units/acre





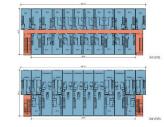


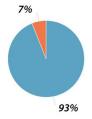
COMPARISON





Efficiency: 93% Density: 3 story - up to 40 units/acre 4 story - up to 50 units/acre





COMPARISON

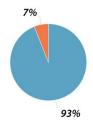
EXCHANGE IDEAS. Build solutions.

NAHB B

STAK HOUSE®

Efficiency: 93% Density: 2/3 story - up to 26 units/acre

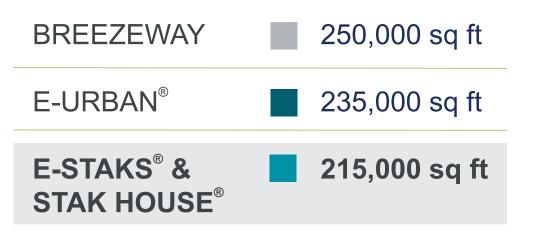






EFFICIENCY COMPARISON

Area that should be built in order to reach 200 units at 1000 sq ft average



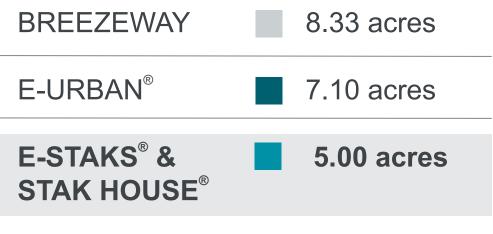
35,000 sq ft x \$130/ft = 4.5 million in savings!

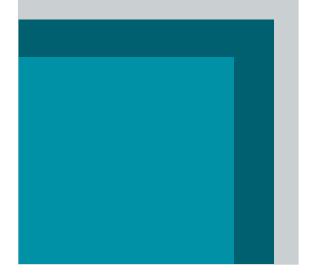




DENSITY COMPARISON

Acreage that should be bought in order to build 200 units



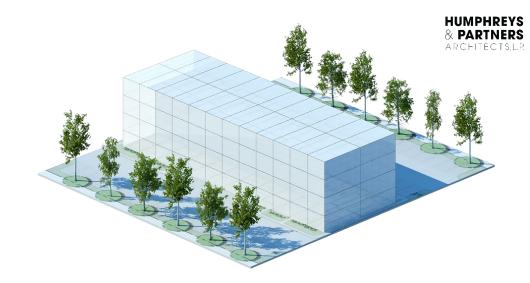


Less Land Needed!



E-STAKS[®]

- Nimble, efficient, high density
- One corridor serves 3 levels
- Variety of building shapes and lengths
- Customizable architectural facades
- All units are the same width & depth
- Inter-changeable units
- Surface, podium or high rise parking
- Estimated construction cost in Texas: \$123-125 / sq ft



3-STORY BUILDING

Density	Up to 40 units/acre
Efficiency	93%
Parking/unit	1.45
Unit Avg. Sq Ft	800 to 950

4-STORY BUILDING

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Density	Up to 50 units/acre
Efficiency	93%
Parking/unit	1.50
Unit Avg. Sq Ft	800 to 950

0

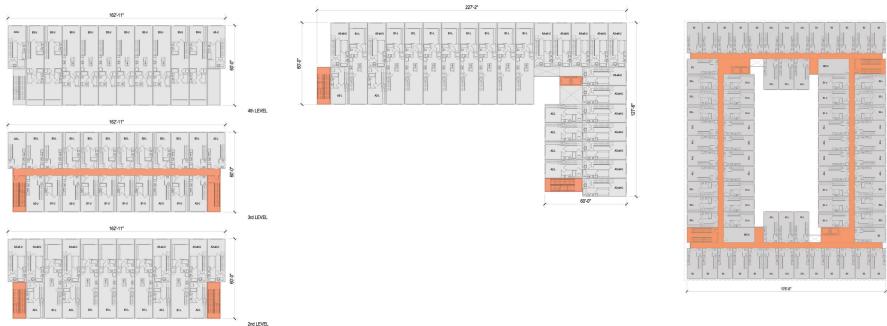
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E-STAKS[®] Building Shape Options



LINEAR



L-SHAPED

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DONUT



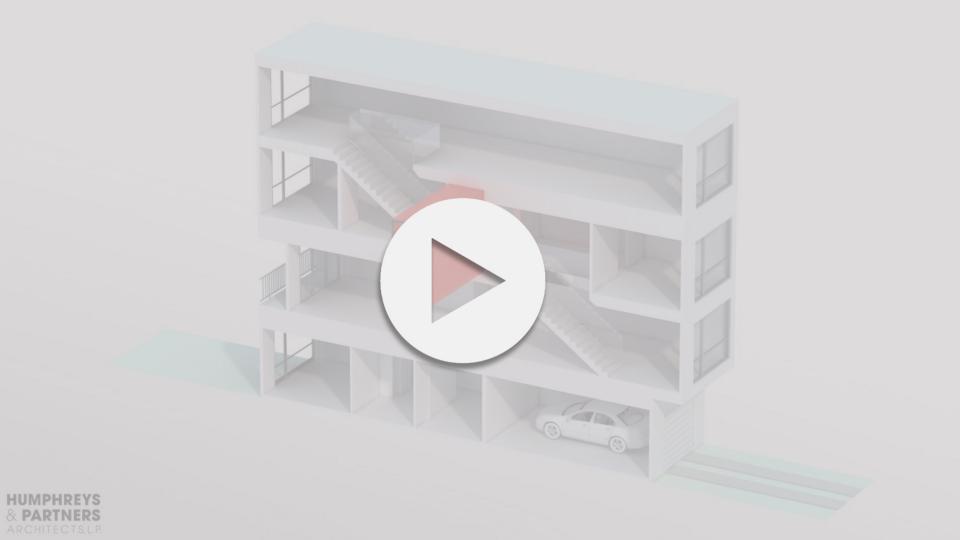


Stacking Plans



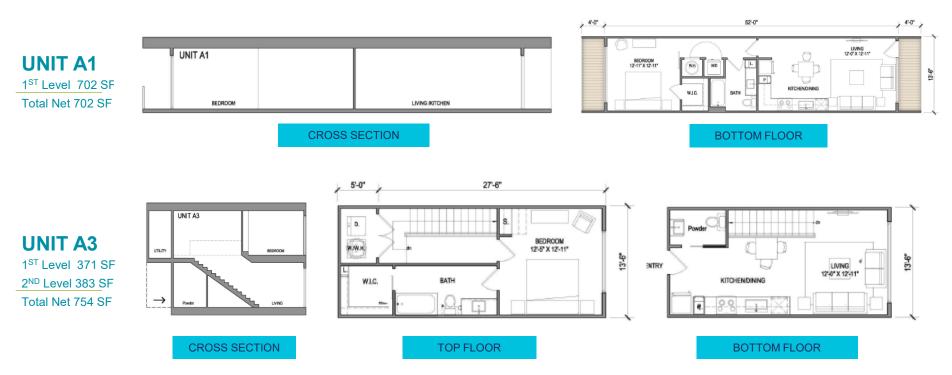


EXCHANGE IDEAS. BUILD SOLUTIONS.



E-STAKS[®] Unit Plans





BUILD SOLUTIONS.

E-STAKS[®]

Unit Plans





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HUMPHREYS & PARTNERS ARCHITECTS.L.P.











STAK HOUSE®

- An efficient combo of our Big House® & E-Staks®
- Look of a Big House® with density of a 3-story product
- Two & three stories
- Variety of building shapes and lengths
- Customizable architectural facades
- Estimated construction cost in Texas: \$125 / sq ft

2- & 3-STORY BUILDING

Density	26 units/acre
Efficiency	90%
Unit Avg. Sq Ft	850 to 1000







FIRST FLOOR

SECOND FLOOR



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HUMPHREYS & PARTNERS ARCHITECTS.L.P.





















STAK HOUSE® MODULAR

All units based on 12' and 13"- 6' modules







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STAKS E-URBAN®

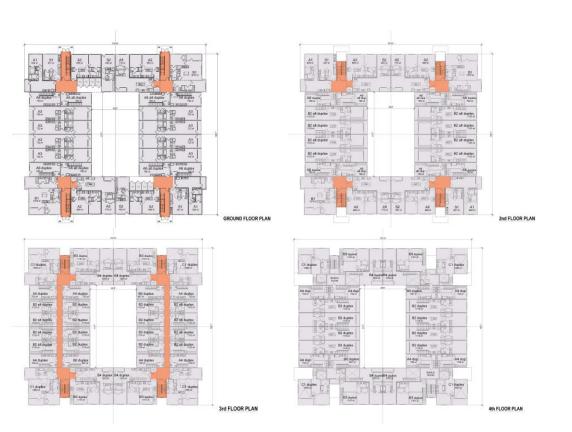
- Third-level corridor serves all four levels
- Flat and stacked units combined
- Up to 91% efficiency





STAKS E-URBAN[®]

Building Plan





Same Building

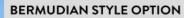




Different Facades

BUILD SOLUTIONS.





in'

4100

 #

#

6

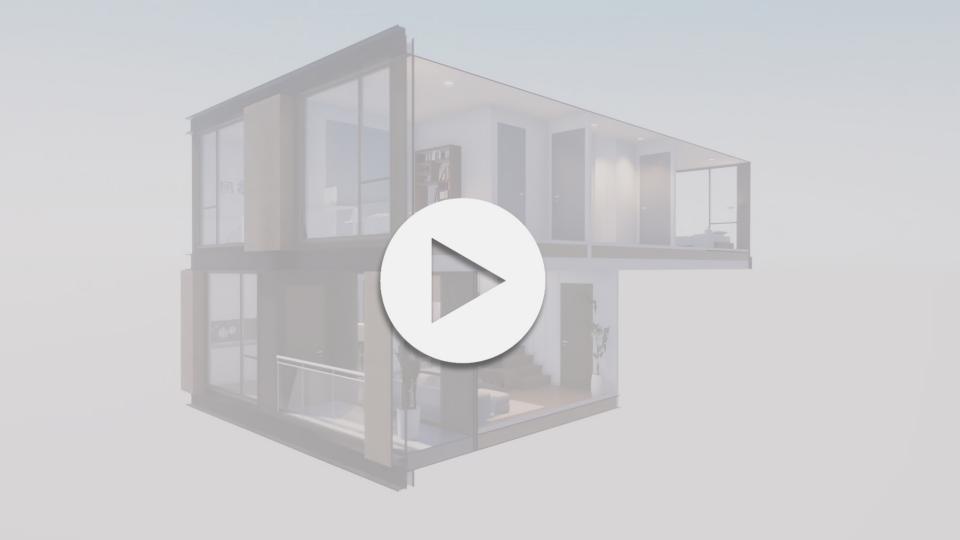
PHREYS

Ex

STUDENT STAK[®]







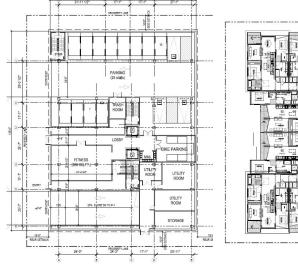
LIMELIGHT VILLAGE

Boise, ID





QUICK LOOK: MODULAR (XFAB, LOS ANGELES)



GROUND LEVEL







BUILT MODULAR: THE DOMAIN

San Jose, CA

Туре:	Podium
Stories:	5
Units	444
Acre:	5.97
Density	63.3 du/ acre
Unit sizes:	797 – 1,498 sq ft
Construction	Modular
Retail:	10,000 sq ft
Parking:	700 spaces
Built	2015









QUICK LOOK: SHORT TERM RENTALS (HUMPHREYS' HOME RISE®)



The Humphreys' **Home Rise**[®] signature product reduces the typical high rise corridor area offering a floor plate with smaller, separate elevator lobbies, resulting in 87% efficiency.

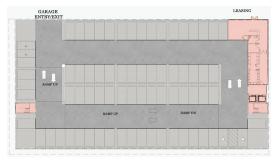




QUICK LOOK: SHORT TERM RENTALS (NASHVILLE CONCEPT)



TYPICAL FLOOR



GROUND LEVEL





Walter Hughes

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Speaker Contact Information