

Innovations in transit-oriented planning

Jeff Gunning
Senior Vice President

February 17, 2017

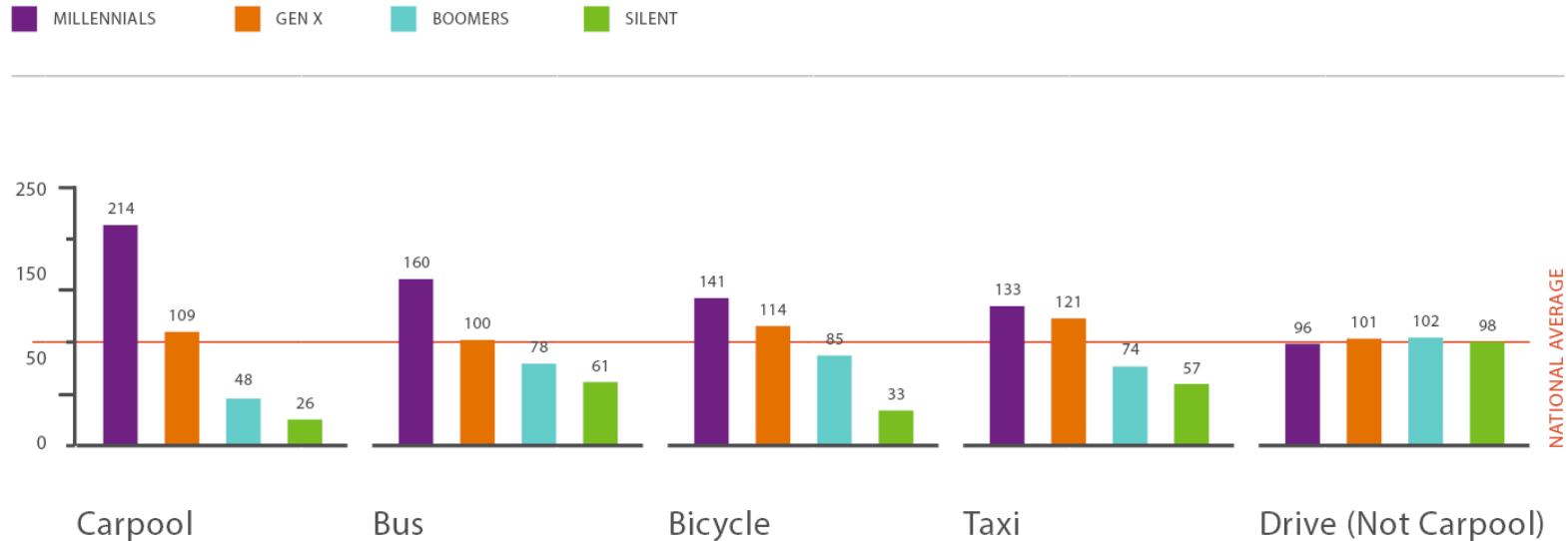


MIXED-USE DEVELOPMENT = **CITY WITHIN A CITY**

Employees + Residents + Community

Millennials Prefer Public Transportation (Index)

Millennials are 60% more likely than all U.S. adults to travel by bus



**PARKING WILL BE CUT IN HALF
OVER THE NEXT 30 YEARS.**

**DRIVERLESS CAR MASS ADOPTION TO
BEGIN IN 2030 AND COMPLETE BY 2045.**

PARKING PLUS

HELIPORT

CENTRALIZED LOCATION -
CAN BE REDEVELOPED LATER

ARTWORK

ZIPCAR/
CAR TO GO

BIKE RENTAL/
BIKE STORAGE

RETAIL/ F&B

VALET DROP OFF

CHARGING STATIONS

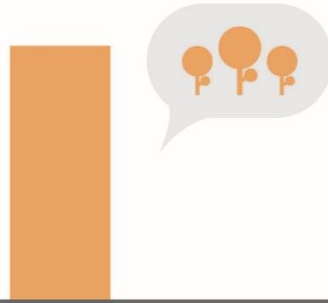
REFRIGERATED
GROCERY
STORAGE

EMPLOYEES



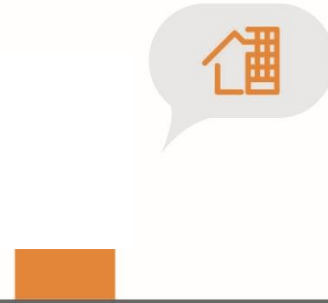
84%

say the
neighborhood
surrounding office is
important



72%

say having a park
space is important



57%

prefer mixed-use
neighborhood for
office location

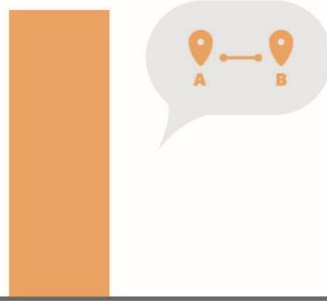


RESIDENTS



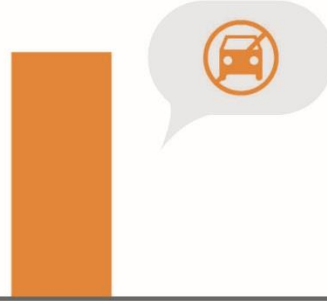
62%

of people moving
in the next five
years want
a mixed-use
community



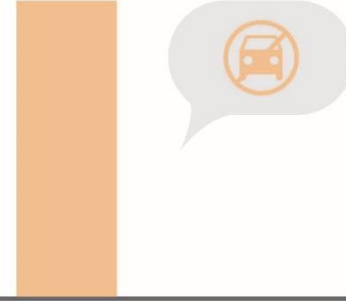
61%

would trade a
shorter commute
for a smaller
home



52%

of all Americans
want to live in a
place where they
do not need to
use a car



63%

of millennials
want to live in a
place where they
do not need to
use a car



COMMUNITY



38%

say there is a lack of convenient outdoor spaces in their city



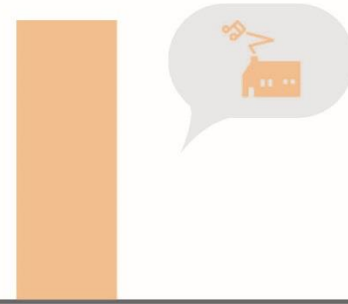
57%

say it's too far to walk to shopping and entertainment



82%

of Millennials participated in a live experience in 2016



70%

of Americans participated in a live experience in 2016

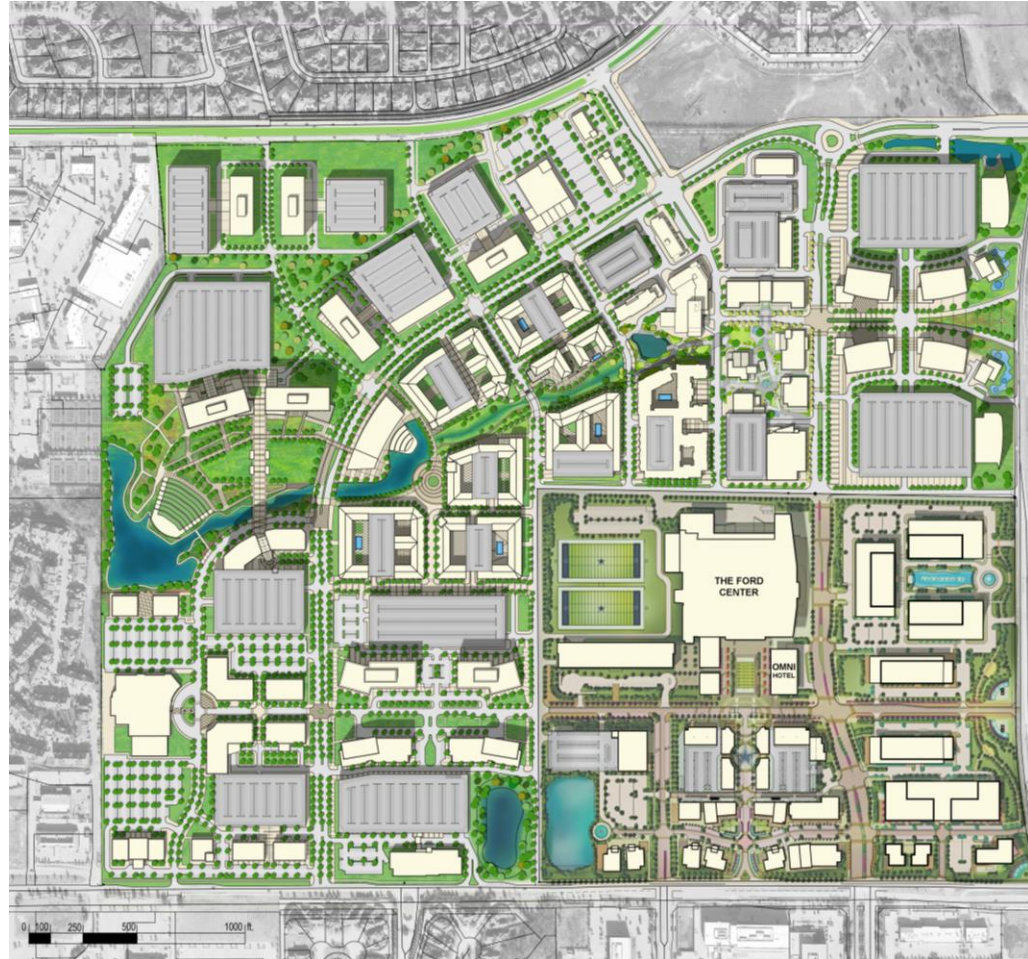


Frisco Station

Frisco, Texas

WELL BEING & WALKABILITY

CRTKL is bringing a very urban plan to a very suburban neighborhood. By focusing on the smart/healthy/creative vision, we're bringing something that didn't exist before, but still aligns with the value of the surrounding community.









Ponce City Market

Atlanta, Georgia









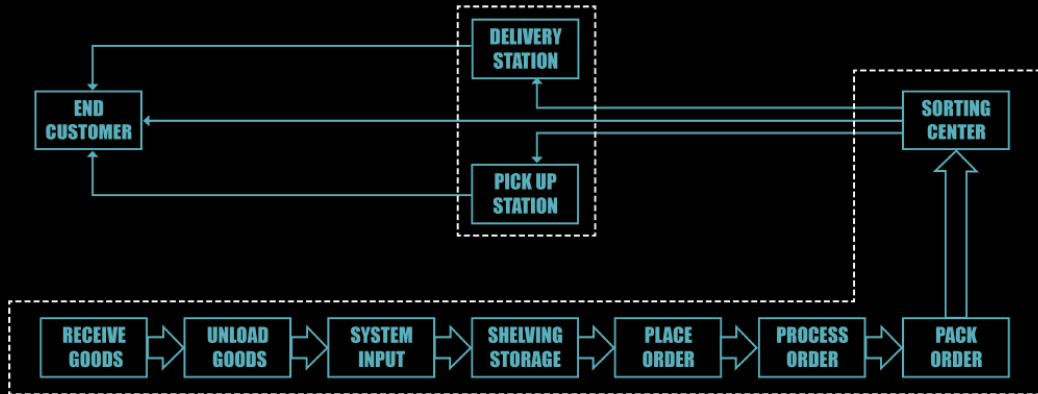
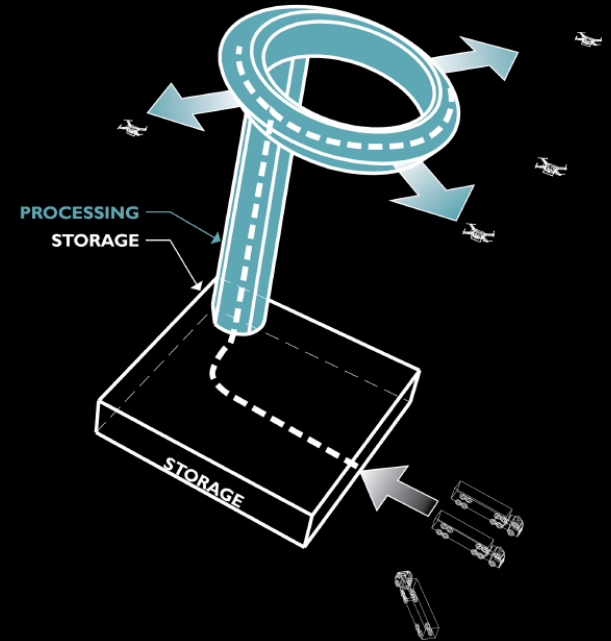
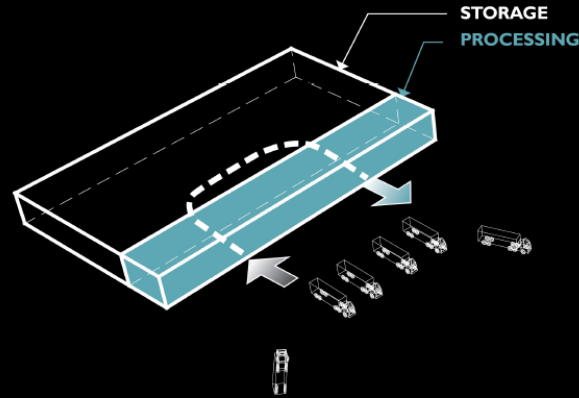
Droneport
Arlington, Texas

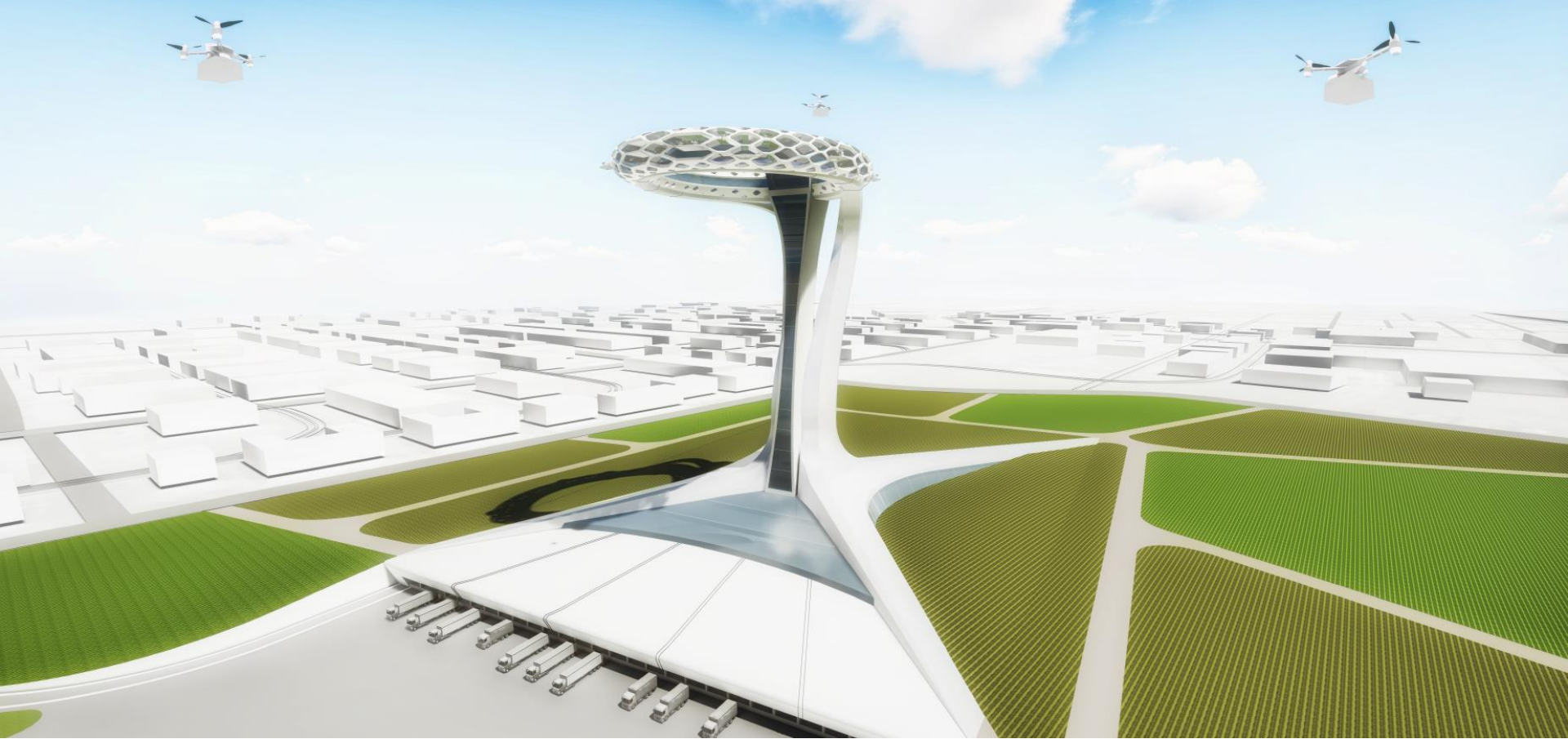


CALLISON|TKL
A DESIGN CONSULTANCY OF ARCADIS

TRADITIONAL WAREHOUSE VS. VERTICAL MODEL

Conventional single story distribution centers have an average footprint of **1 million square feet** or more. This is equivalent to 24 football fields. Our new vertical model would allow us to **reduce this footprint by up to 30%**.





Thank you

Jeff Gunning | Senior Vice President | February 17, 2017