



YOUR.SPACE.KIT

How can off-site production support inhabitation?



CHANGE and STABILITY
(buildings are never finished)

**How can / does prefabrication
take account of this reality?**

New projects will inevitably undergo change



We continuously cultivate 19th and 20th century building stock


How does prefabrication help us in this work?



Residential Real Estate (designed for stability and customization)




Copeland/
Weinstein
Architects - Seattle



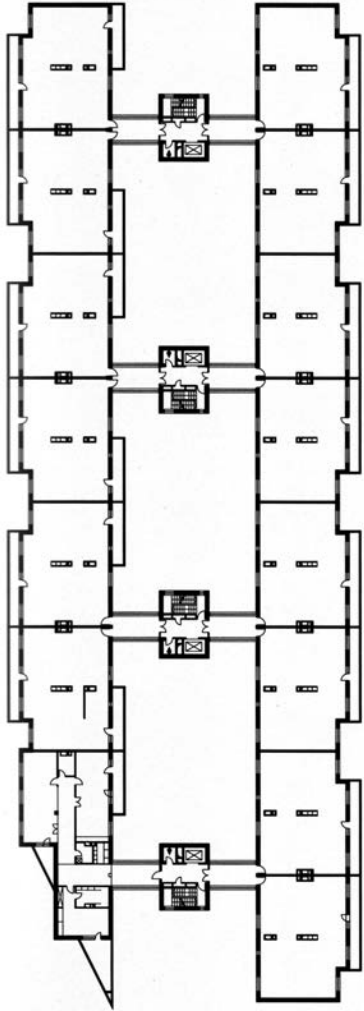
Kahri Architects -
Helsinki.



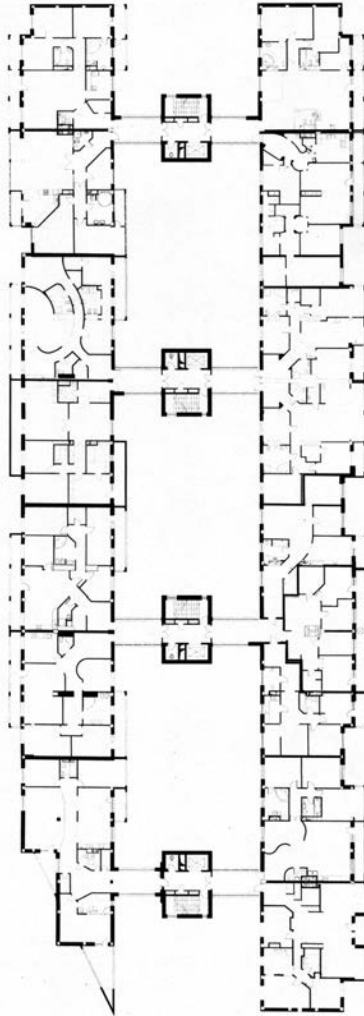
Behnisch
Architects
Hamburg



Sweeny Sterling Finlayson & Co Architects Inc - Toronto.



ТПО «Резерв»
Жилый дом в Москве. 2000
план дома
планы квартир



ТПО Резерв
Apartment block in Moscow, 2000
plan of the building
plans of the apartments



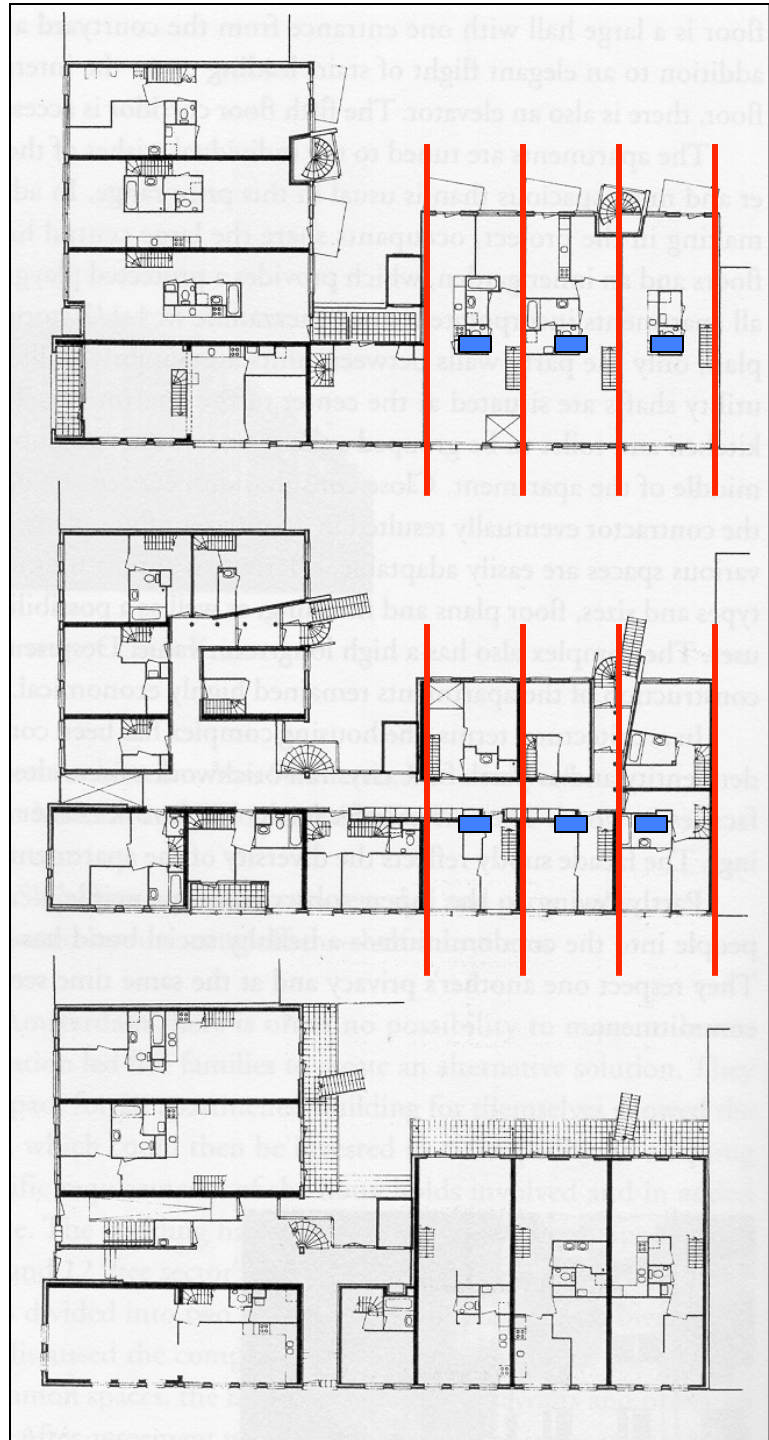
Catamaran House in Moscow, 2005
Reserve Architects / Vladimir Plotkin

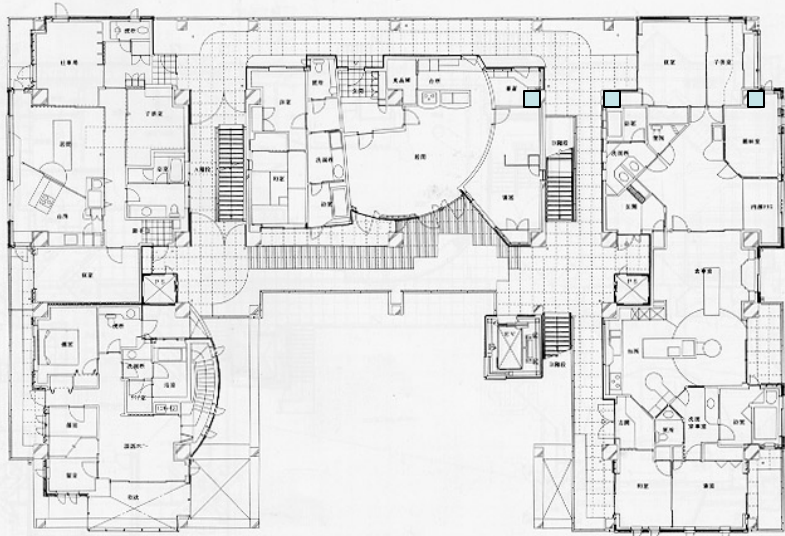


Banner Building, Seattle, 1994
Architect: Weinstein Assoc.
Developer: Koryn Rolstad

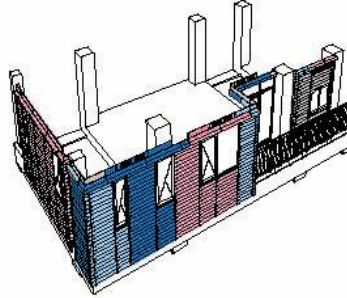
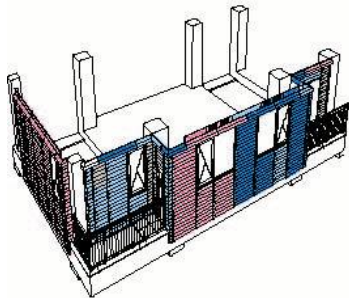


Split Hendrick North / Amsterdam, 1998
Architect: Joanna de Jager





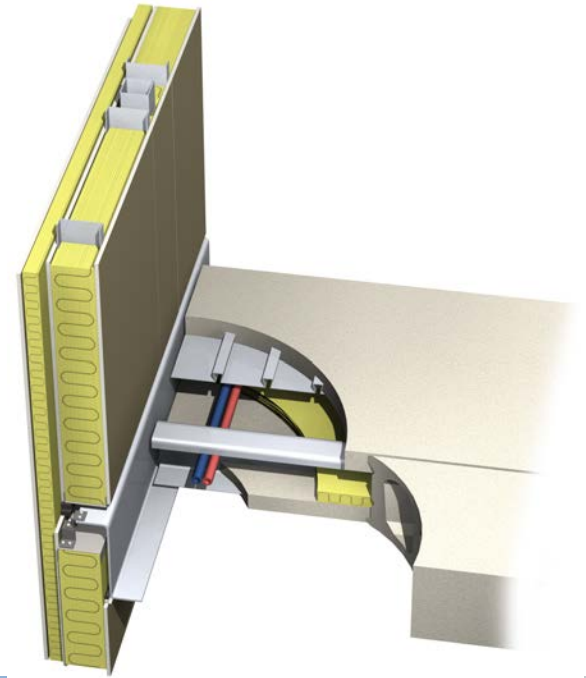
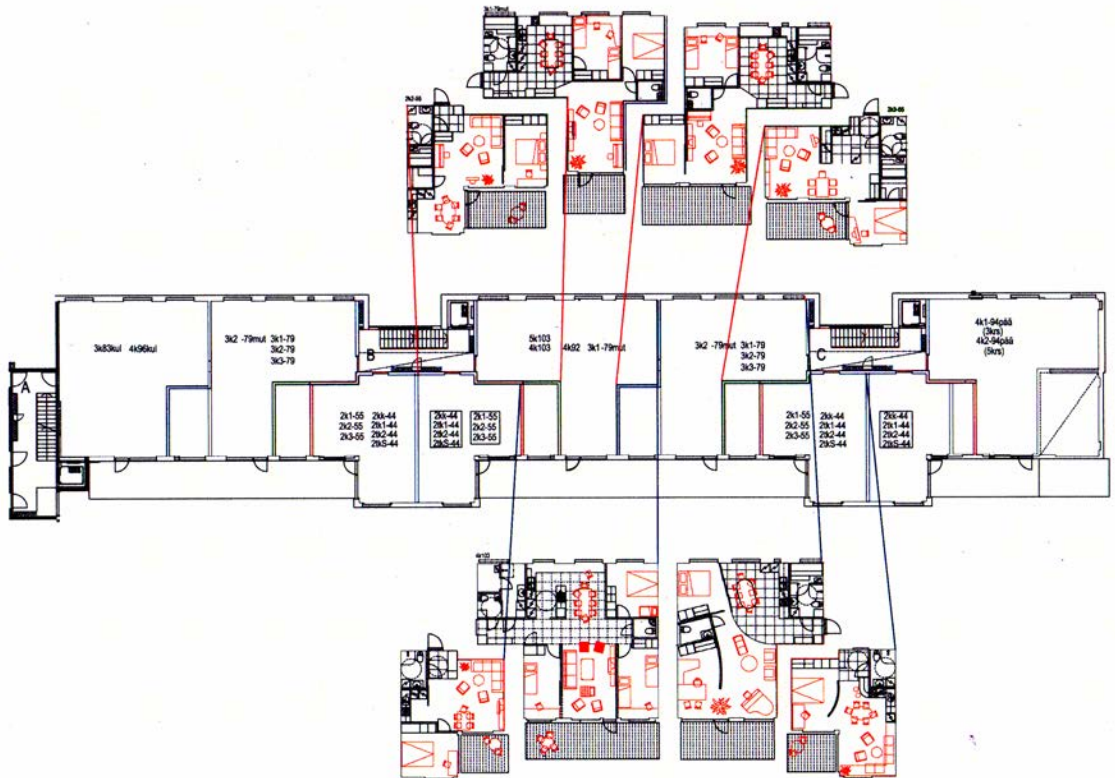
4 楼平面图 S = 1/250



- Fixed
- Moved
- Moved (modified)
- Newly installed/ not used




NEXT 21/Osaka, 1996 – present
NEXT 21 Design Team

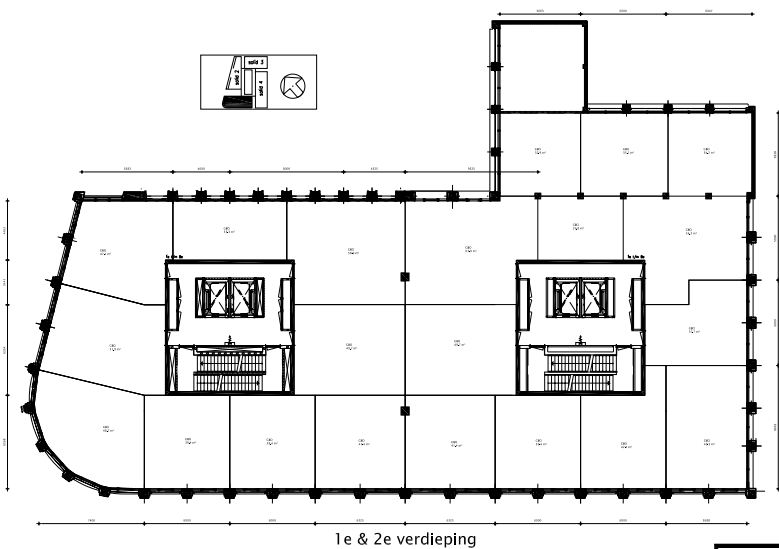


Arabianranta / Helsinki, 2001
Developer: Sato Development Company
Architect: Esko Kahri





Huibnr.: Gemeente: AMSTERDAM Objectcode: QJ081.005.008 Voorleg: 0 <small> Het is de opdrachtgever's verantwoordelijkheid het ontwerp te laten uitvoeren door een gecertificeerd bureau voor ontwerp en te laten uitvoeren door een gecertificeerd bureau voor uitvoering. Het is de opdrachtgever's verantwoordelijkheid het ontwerp te laten uitvoeren door een gecertificeerd bureau voor uitvoering. </small>	 Dienstnummer: 51374 Afdeling: BBT Datum: Gemaakt door:	Bouwplan Bto en Lto 200 484 400 T 020 511 9 Wijkgebied
	Eerste schetsdag 19-1-2011	Laatste wijziging



Stadgenoot



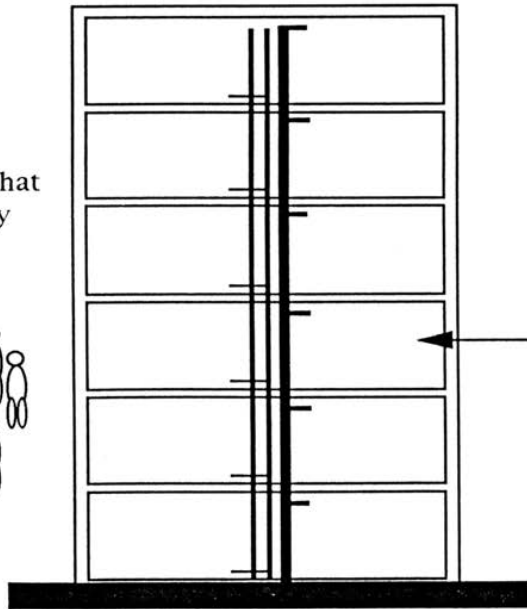
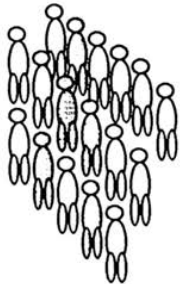
THE SOLIDS, 2010
Stadgenoot / Amsterdam
Architect: Baumschlager Eberle

PRODUCTION (on or off-site) should help MAKE VARIETY EFFICIENT

Architecture

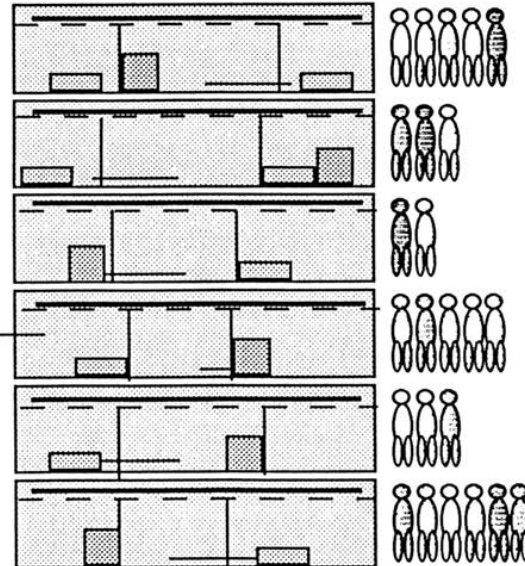
• Open Building

the base building concerns what is shared by everyone



Base Building Level

the fit-out concerns what is decided by each tenant independently



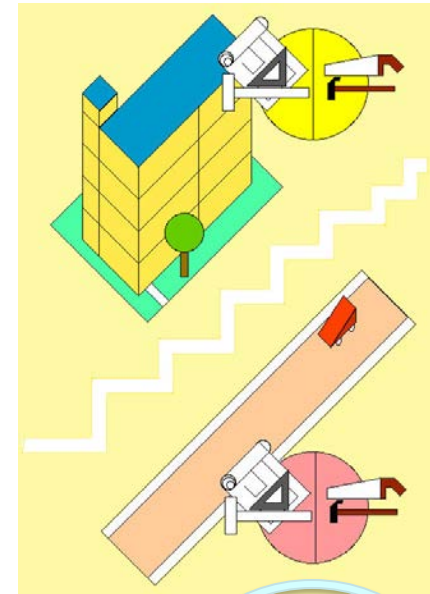
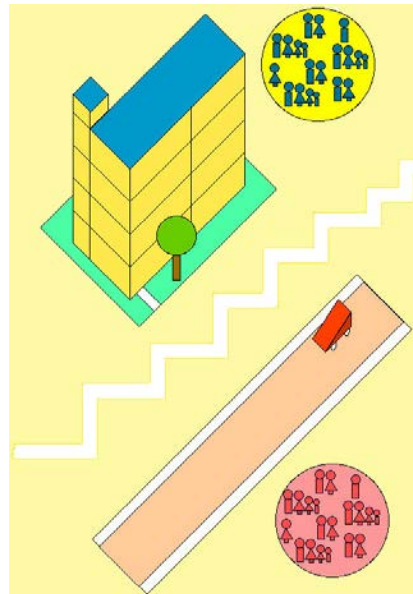
Fit-out Level

THE ORGANIZING PRINCIPLE

Recognizing the individual household as a party with power to act

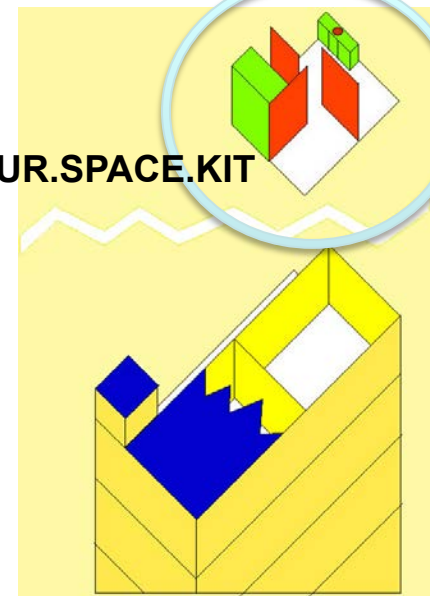
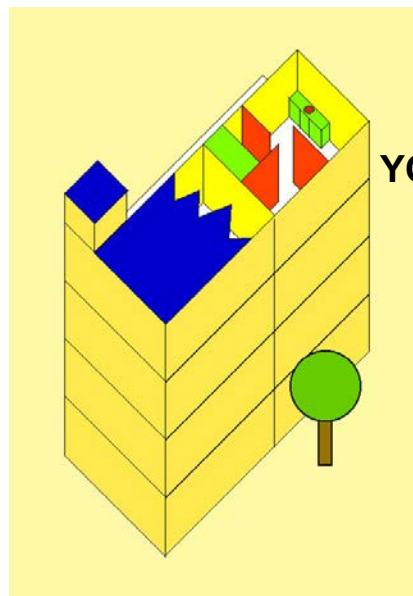
FIRST: Separated Regulations

- Base Building REGULATIONS
- Fit-out REGULATIONS



SECOND: Separated Financing

- Base Building FINANCING
- Fit-out FINANCING



THIRD: Separate Companies

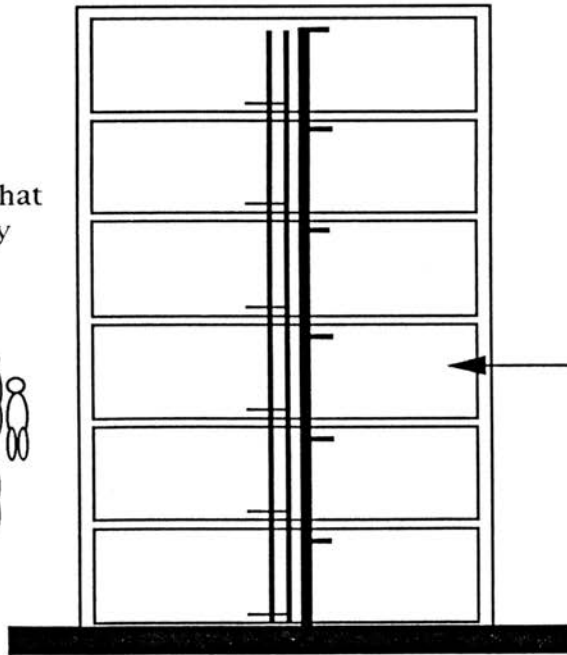
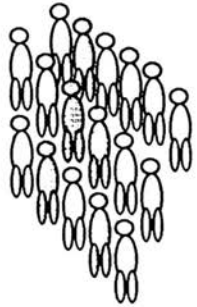
- Base Building COMPANIES
- Fit-out COMPANIES

YOUR.SPACE.KIT systems and products

Architecture

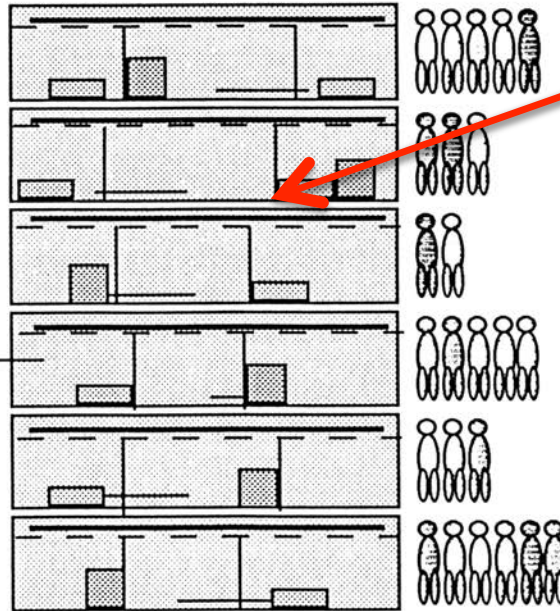
• Open Building

the base building concerns what is shared by everyone



Base Building Level

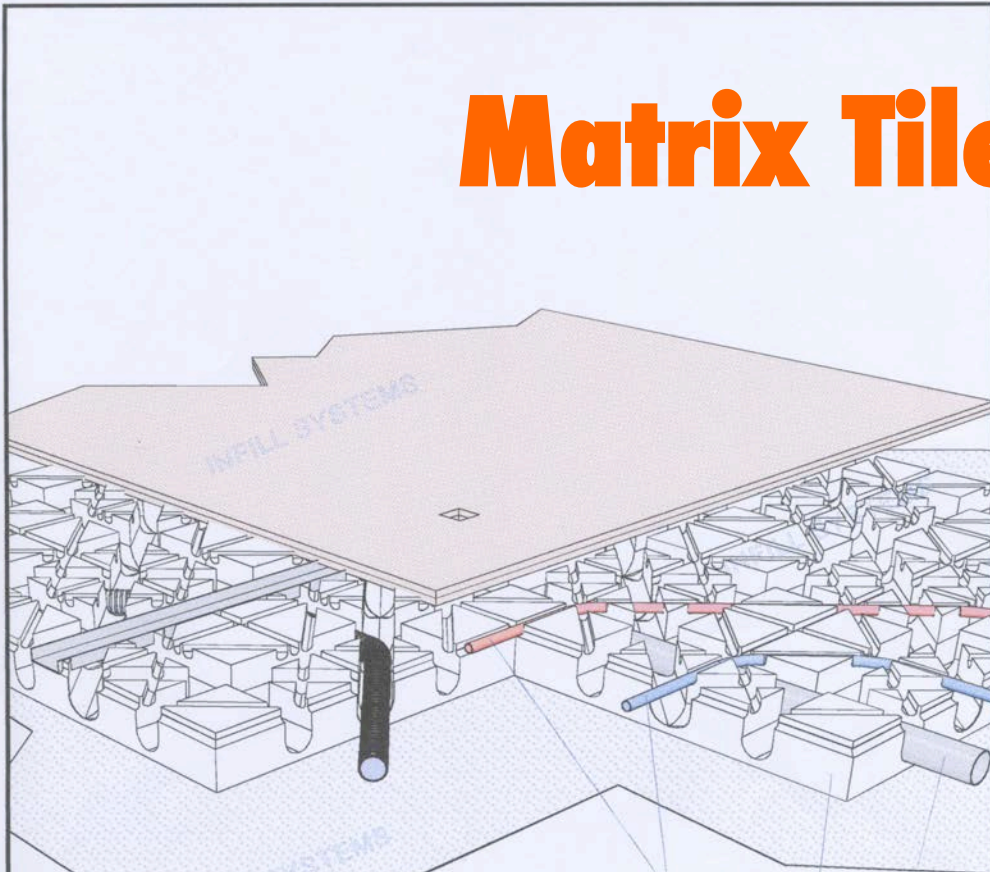
the fit-out concerns what is decided by each tenant independently



Fit-out Level

Examples of products making production of adaptable fit-out efficient, and of higher quality...

Matrix Tile System



in matrixtegel gesneden
gootprofiel voor doorvoer
kabels bij (deur)opening
in wand.
op deze plek geen kruisende
leidingen in matrixtegel

2 x 12,5mm vezelgewapende
vloerplaat

buis voor water e.d.
ø 16 mm

afvoerbuis ø 50 mm

matrixtegel 2 600x600 mm en 85 mm dik
met zwevende vloerfunctie,
ligt op vlakke constructievloer



Matrix Tile System
Infill Systems BV
The Netherlands

**Marketed in North America by my
company: Infill Systems US LLC**



INFILL SYSTEMS B.V. oude delft 151 2611 ha delft, tel. 015 - 214 72 59

matrixtegel met leidingen en vloerplaat 2

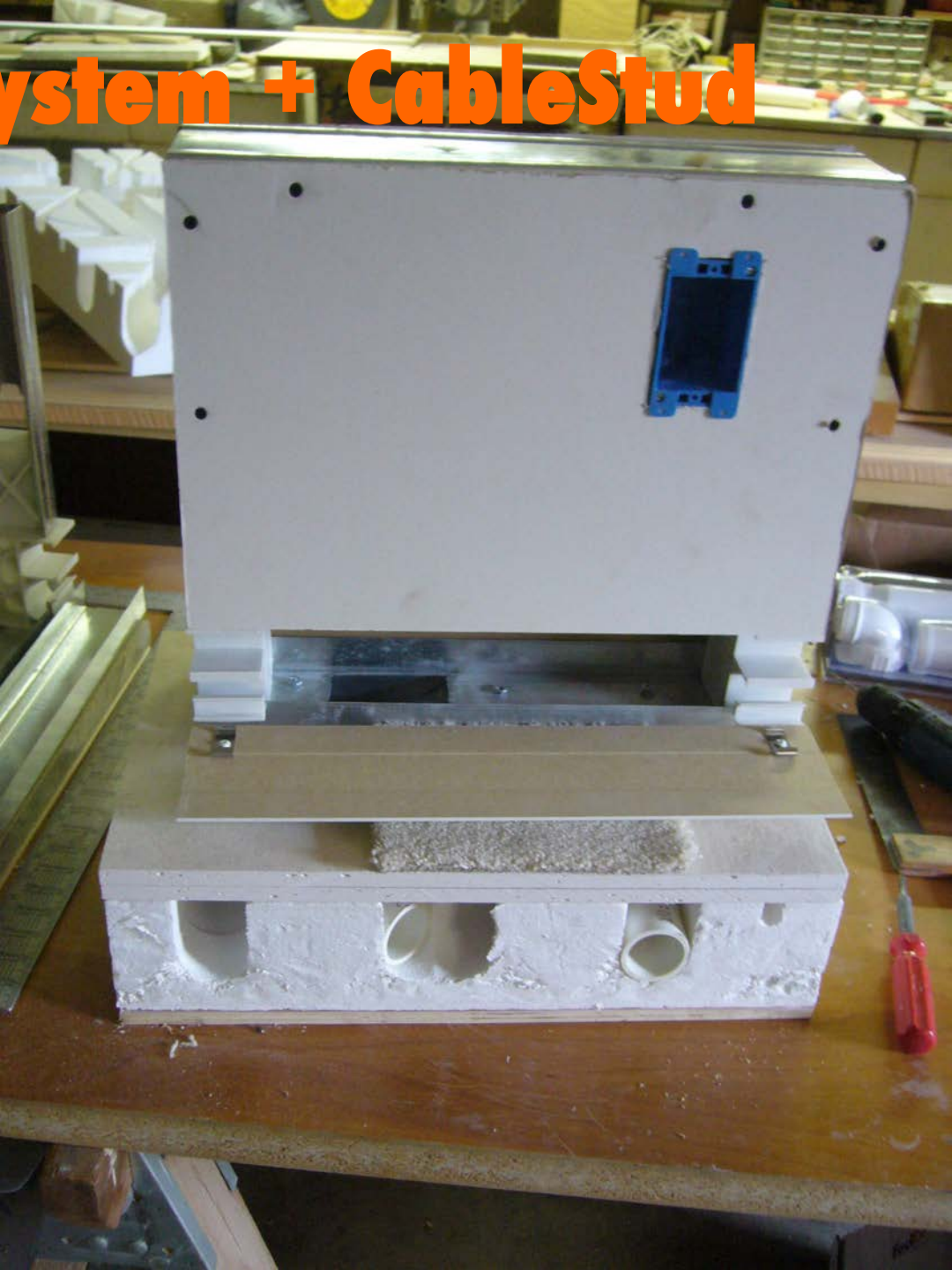
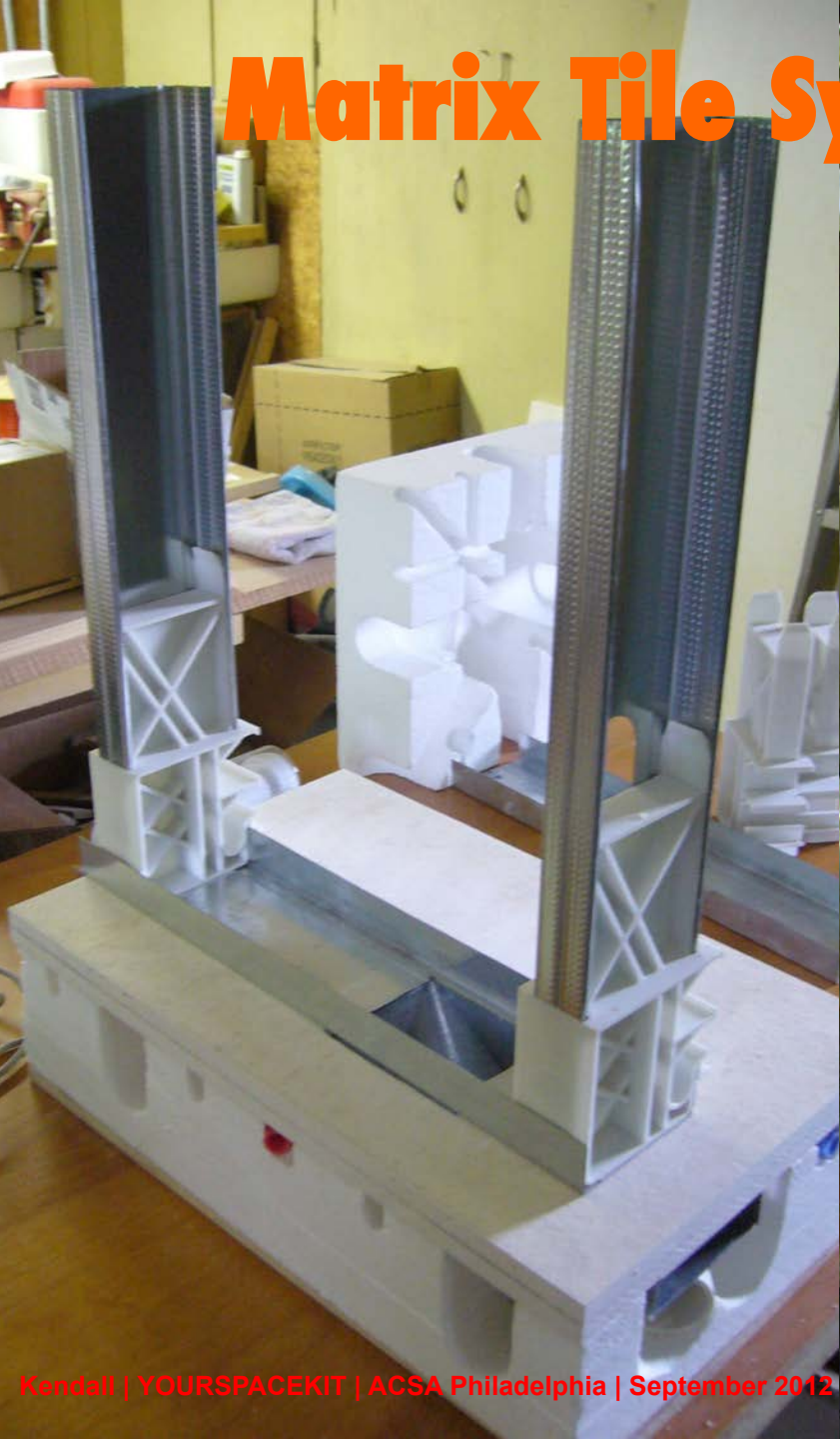
Kendall | YOURSPACEKIT | ACSA Philadelphia | September 2012

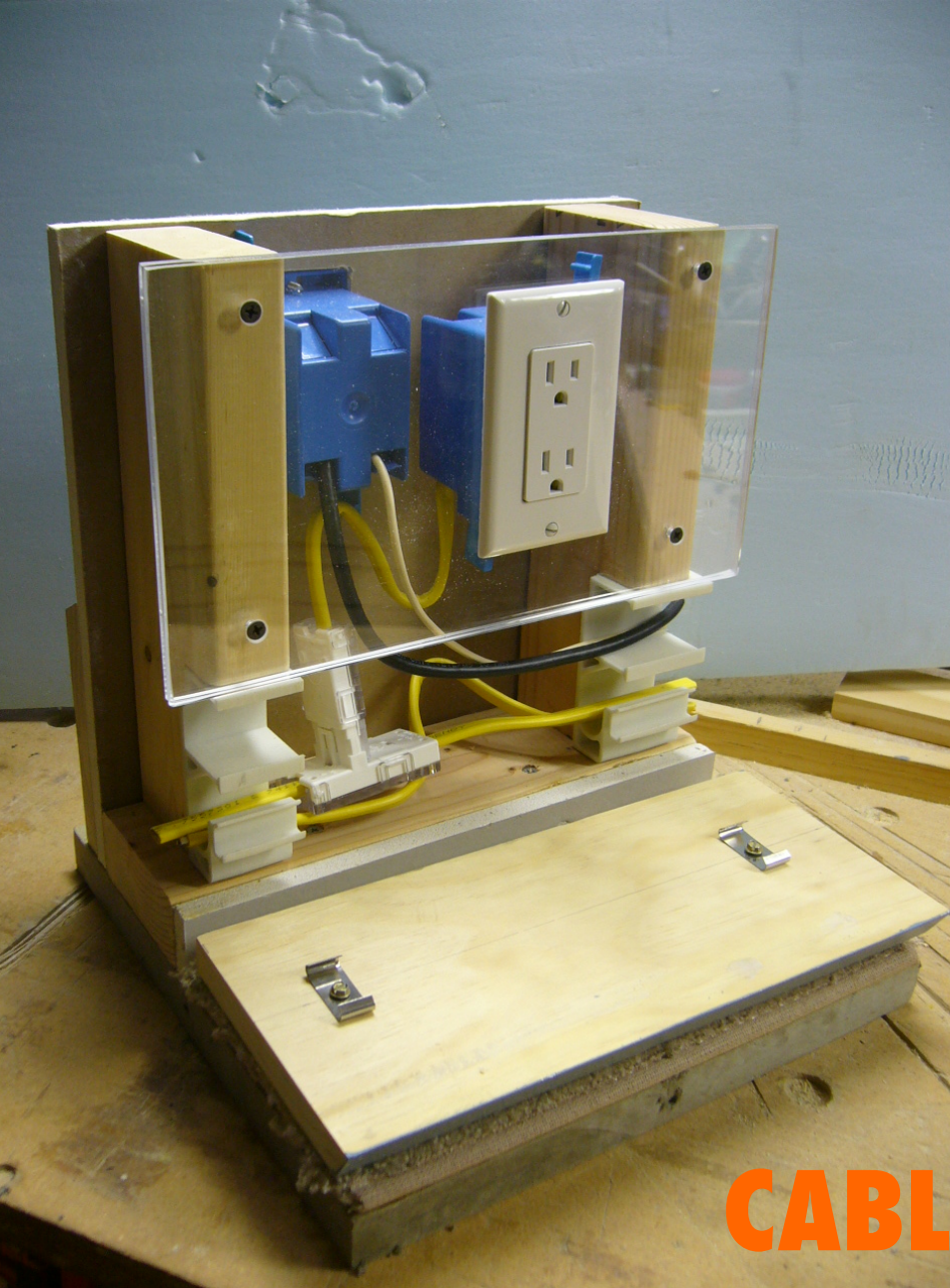


0-slope gray-water drains

HEPv0 waterless waste valve in place in the Matrix Tile

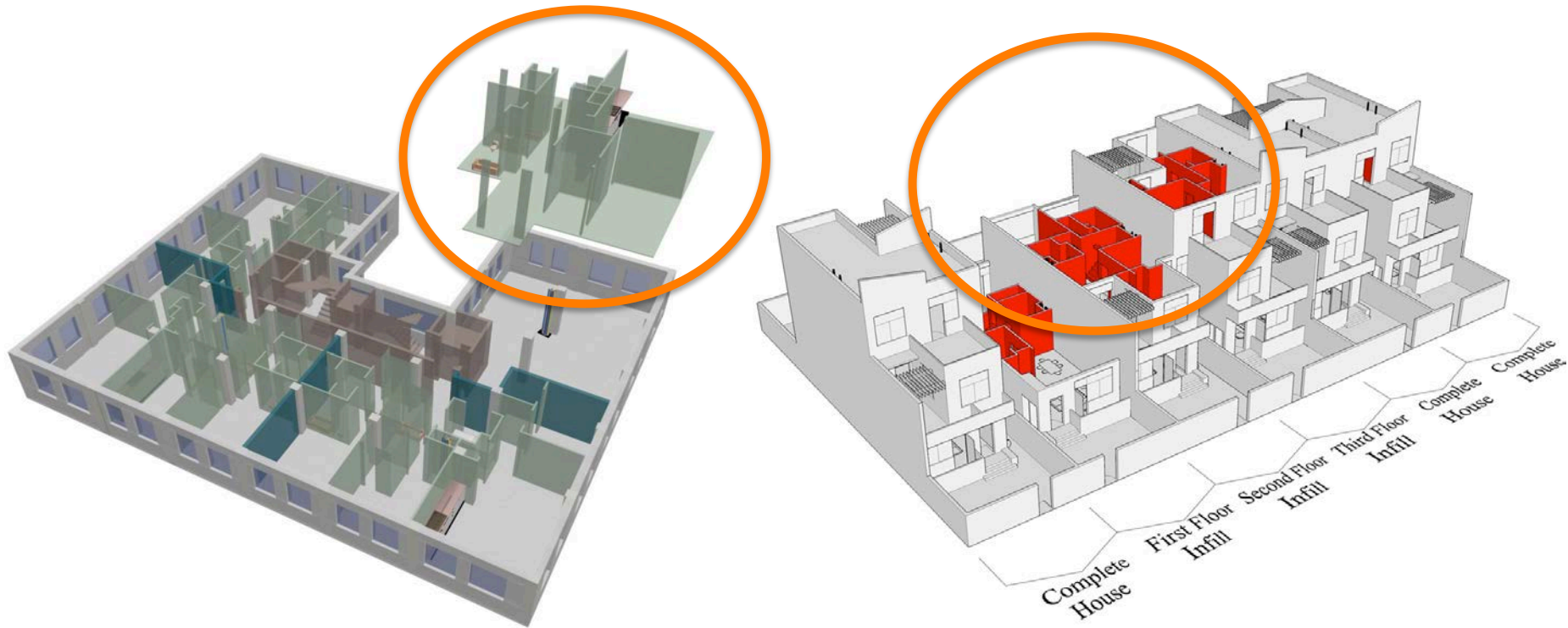
Matrix Tile System + CableStud





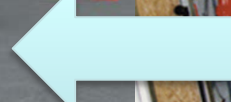
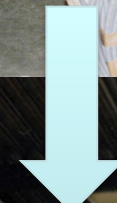
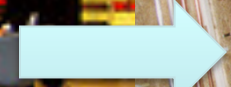
CABLESTUD

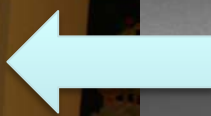
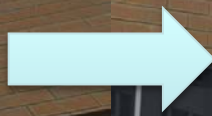
How **YOUR.SPACE.KIT** delivers a "product/service"



(the base building can be modular construction or not...)

YOUR.SPACE.KIT.INC.







Occupant's Internet Services

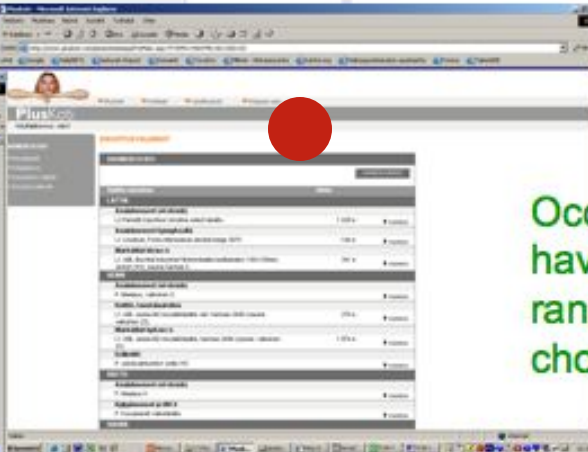
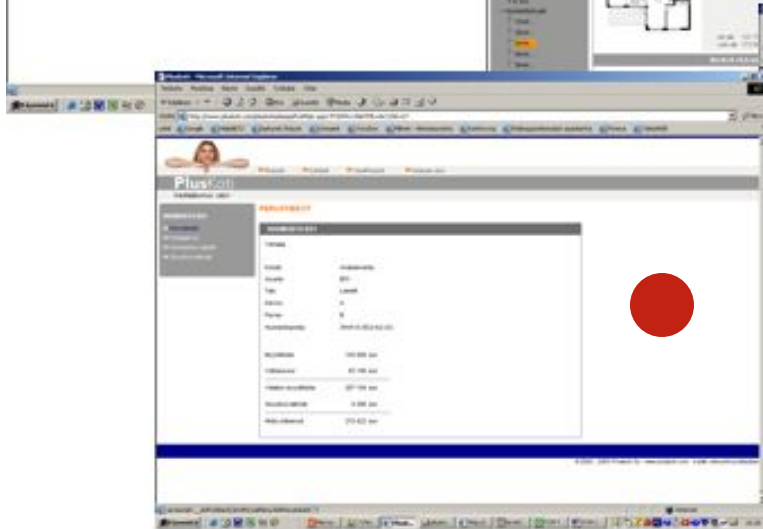
PlusHome - Concept with wide occupants choices



Occupant's Internet front page with step-by-step guidance...



All Flat Types -
Basic-Prices -
Location info



Occupants
have a wide
range of
choices

All-inclusive prices at once with individual choices

Kendall / Introduction to Open Building

An internet home planner with choices and costs...

CONCLUSIONS

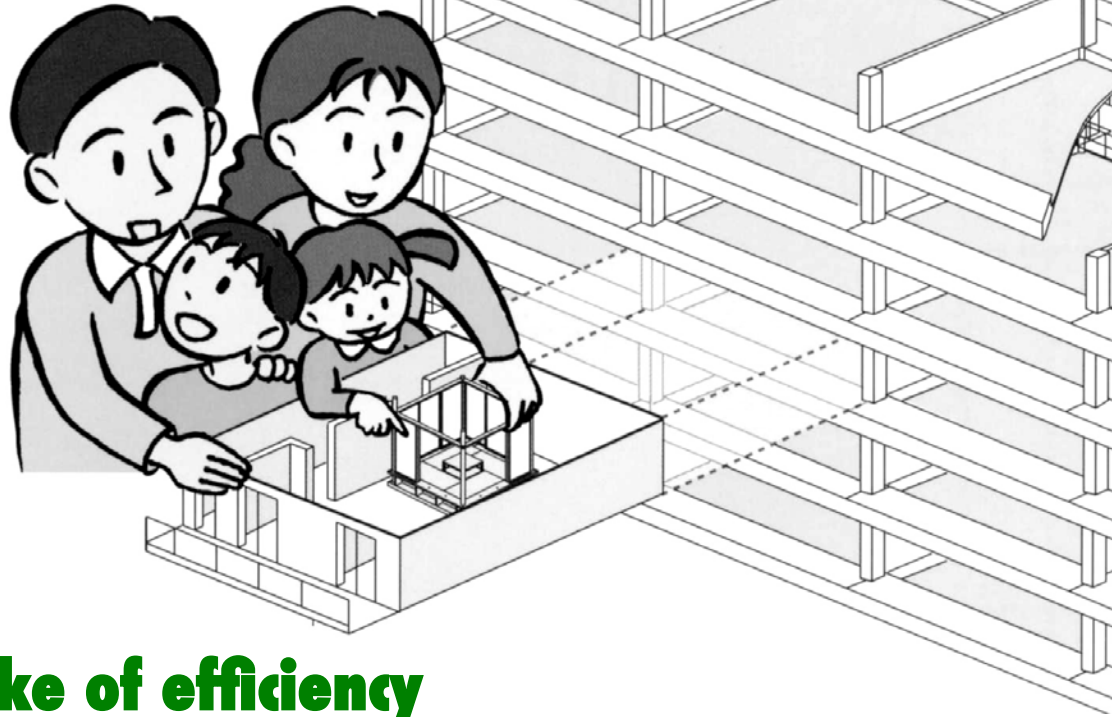


Eventually, an INFILL INDUSTRY will emerge, because of two distinct but related markets:

- 1. The market for serviced architectural infrastructure**
- 2. The market for individualized fit-out**

Our basic social unit should have its own domain

WHY?



1. For the sake of efficiency

(no two families are the same, so trying to plan for variety in the conventional way is terribly ineffective)

2. To harness the economic power of the family unit

(at all income levels)



The market for YOUR.SPACE.KIT and its competitors, in new construction and adaptive reuse, is very large.

A close-up photograph of two hands, one from the left and one from the right, holding a blue cylindrical object. The hands are positioned as if they are about to twist or break the object apart. The background is a blurred green, suggesting an outdoor setting.

Questions?

Steve Kendall, PhD (MIT'90)
Ball State University

Infill Systems US LLC

<http://www.infillsystemsus.com>