The Adaptive Dream Home Tower

Graduation Report
by Jayson Johnstone
‘The Adaptive City’
The Why Factory Graduation Laboratory

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Residents’ Profile

This section features information gathered from social media about real people on the internet. It has been redacted for their privacy.
Profile - Client A

City: Brasov, Romania
Gender: Female
Age: 
Language: Romanian, English
Occupation: Freelance Writer
Salary: €35,550.00/year
Education: Master's degree, Mass Media and Public Relations, West University of Timisoara (2007-2009)
Journalism-English, West University of Timisoara (2003-2007)

Dream Home Analysis

Space Definition

Types of Elements

View
Profile - Client B

City: Toronto, Canada
Gender: Male
Age: 
Language: English
Occupation: Investment Director, Mediacom
Salary: €72,750.00/year
Marital Status: Married (Shannon Overholster)
Children: None
Pets: 2 cats
Parents: Jan Overholster & Pamela Inkster

Dream Home Analysis

Space Definition

Types of Elements

View

Boards 16
Pins 818
Likes 23
Followers 98
Re-Pins 48/img
Cindy Wrightson's Profile - Client C

City: San Diego, California
Gender: Female
Age: 39 (1974)
Language: English
Occupation: Owner @ CW Concepts, inc.
Salary: €56,000.00/year
Education: BA Fine Arts, Whitworth University
Marital Status: Divorced
Children: None
Pets: 2 dogs (maltese & cavalier)
Illness: Ovarian Cancer (2011)

Dream Home Analysis

Space Definition

Types of Elements

View

Boards 57
Pins 14, 125
Likes 140
Followers 805
Re-Pins 30/img
Eléonore Goffin's Profile - Client D

City: Liège, Belgium
Gender: Female
Age: 33 (August 20, 1980)
Language: French
Occupation: Blogger
Education: Master's Degree, History, Université de Liège (2007)
Marital Status: Single
Children: 2 daughters

Profile - Client D

Dream Home Analysis

Space Definition

Types of Elements

Board 47
Pins 6,093
Likes 2,965
Followers 3,768
Re-Pins 5/img
Jan Macarol's Profile - Client E

City: Ljubljana, Slovenia
Gender: Male
Age: 
Language: Slovenian, Croatian, German, English
Occupation: CEO Reformabit agency for digital media research & development
Education: Economics, Srednja ekonomska šola (1999)
Marital Status: Married (Janja Prijatelj)
Children: 2 sons (Zan Macarol Vrabec & Aleksej Macarol Vrabec)

Dream Home Analysis

Space Definition

Types of Elements

View

Boards 34
Pins 1, 718
Likes 23
Followers 690
Re-Pins 22/img
Julia Travchenko's Profile - Client F

City: Marbella, Spain
Origin: Riga, Latvia
Gender: Female
Age: April 3
Language: Russian, English, Latvian
Occupation: Singer, Yacht Broker, Blogger, Owner & Founder of richclubgirl.com
Education: Master's degree Marketing Management, University of Latvia
Marital Status: Married

Dream Home Analysis

Space Definition

Types of Elements

View
Profile - Client G

City: Gangnam-gu, Seoul, South Korea
Gender: Male
Age: [redacted]
Language: Korean, English
Occupation: Co-founder/Director at Clipzine, me, Socialwish Corp. (Jan 2012)
Education: Kyung Hee University
Marital Status: Married
Children: 1 daughter & 1 son

Closed Pinterest Account
3/12/2013

Dream Home Analysis

Space Definition

Types of Elements

View

[Diagrams and charts showing space definition, types of elements, and views]
Profile - Client H

City: Mendenhall, Mississippi
Gender: Female
Age: 60
Language: English
Marital Status: Divorced (2x)
Children: 2 daughters (Jenifer, Hilary) & 1 son (Paul)
Family members: 2 dogs (Bo & Pepper)

Dream Home Analysis

Space Definition

Types of Elements

Boards 99
Pins 5, 849
Likes 96
Followers 391
Re-Pins 1/img
Profile - Client I

City: Sydney, Australia
Gender: Female
Age: 
Language: English
Occupation: Owner downthatlittlelane.com (March 2011)
Marital Status: Married (May 18, 1997)
Children: 1 daughter & 1 son
Family members: Marc Bosci (Spouse)

Dream Home Analysis

Space Definition

Types of Elements

View
Profile - Client J

City: Helsinki, Finland
Gender: Male
Age:  
Language: Finnish, English
Occupation: Owner North Coast Creative and Information Technology
Education: Konstindustriella högskolan (2004)
Marital Status: Married
Children: 1 son (infant)

Dream Home Analysis

Space Definition

Types of Elements

View

Boards 47
Pins 6093
Likes 2965
Followers 3765
Re-Pins
2
The Dream Home Style Phantom Image
The stated desires are overlaid to create impressions of the qualities of the rooms desired.
3
Residents' Dream Homes
Ada Teicu's Dream House

Door to exterior 40%
High Ceiling 20%
View 20%
Stairs 20%

Door to exterior 33%
High Ceiling 20%
View 20%
Open rooms 27%

Door to exterior 57%
High Ceiling 15%
Garret 7%
Cantilever 14%

Exterior 21%
Cantilever 15%
Courtyard 8%
Gable 38%

Kitchen 19%
Stairs 20%
View 20%
High Ceiling 20%

Living 15%
Open rooms 27%
Door to exterior 33%
High Ceiling 20%

Bedroom 14%
Cantilever 14%
Garret 7%
High Ceiling 15%
Client B’s Dream House

1. Exterior 30%
   - View 13%
   - Balcony 17%
   - Gable 14%

2. Living 30%
   - View 14%
   - Garret 20%
   - Windows 15%
   - Windows 21%
   - Fireplace 19%

3. Bathroom 19%
   - View 24%
   - High Ceiling 8%
   - Fireplace 8%
   - Windows 42%

4. Media 19%
   - Ornament 14%
   - Column 43%
   - View 14%
   - Windows 14%
Client B’s Dream Home Floor Plan

1. Bedroom
2. Master Bedroom
3. Kitchen
4. Exterior
5. Dining Room
6. Bathroom
7. Living Room
8. Circulation
9. Office
10. Storage
Client B’s Dream Home Material

![Material Pie Chart]

- **Wood**: 35%
- **Stone**: 32%
- **Tile**: 8%
- **Glass**: 8%
- **Paint**: 7%
- **Plaster**: 6%
- **Carpet**: 2%
- **Shingles**: 1%
- **Concrete**: 0%
- **Steel**: 1%

Material Breakdown:
- Wood: 35%
- Stone: 32%
- Tile: 8%
- Glass: 8%
- Paint: 7%
- Plaster: 6%
- Shingles: 1%
- Carpet: 2%
- Concrete: 0%
- Steel: 1%
Client C's Dream House

2. Master Bedroom
   - Windows (75%)
   - Doors to Exterior (42%)
   - High Ceilings (42%)
   - Fireplace (17%)
   - View (17%)

4. Exterior
   - Balcony (45%)
   - Gable (30%)
   - View (21%)
   - Pool (19%)
   - Fireplace (13%)

6. Bathroom
   - Windows (69%)
   - Bathtub (69%)
   - Shower (46%)
   - Fireplace (16%)

7. Kitchen
   - Large Windows (67%)
   - Cathedral Ceilings (25%)
   - Open to Dining (25%)
   - Skylight (17%)
   - Doors to Exterior (8%)
   - View (8%)

8. Circulation
   - Stairs (67%)
   - Windows (67%)
   - Doors to Exterior (33%)
   - Open to Dining (33%)
   - Cathedral Ceiling (33%)

9. Office
10. Storage
11. Media

1. Bedrooms
2. Living Room
3. Dining Room
4. Exterior
5. Kitchen
Client C's Dream House

- Windows: 45%
- Ornament: 33%
- Arch: 11%
- Skylight: 11%
- Windows: 45%
- Ornament: 15%
- Fireplace: 20%
- Roof/Covered: 10%
- Vegetation: 9%
- Bathroom: 19%
- Living: 19%
- Exterior: 30%
- Kitchen: 30%

Additional features:
- Balcony: 31%
- Pool: 13%
- Vegetation: 9%
- Bath tubs: 39%
- Shower: 18%
- Fireplace: 9%
Client C's Dream Home Floor Plan

1. Bedroom
2. Master Bedroom
3. Kitchen
4. Exterior
5. Dining Room
6. Bathroom
7. Living Room
8. Circulation
9. Office
10. Storage
Client C's Dream Home Material

- Paint: 31%
- Wood: 24%
- Stone: 16%
- Tile: 10%
- Shingles: 7%
- Carpet: 4%
- Glass: 3%
- Plaster: 2%
- Concrete: 1%
- Steel: 1%
- Wallpaper: 1%
Client D’s Dream House

1. Bedrooms
   - Garret (58%)
   - Windows (38%)
   - Stairs (6%)
   - Storage (5%)

2. Master Bedroom
   - Cathedral Ceilings (58%)
   - Large Windows (38%)
   - Skylight (27%)
   - High Ceiling (15%)
   - Open to Office (12%)
   - Doors to Exterior (8%)

3. Living Room
   - Large Windows (54%)
   - High Ceiling (33%)
   - Cathedral Ceiling (21%)
   - Open to Dining (21%)
   - Open to Kitchen (21%)
   - Doors to Exterior (13%)
   - Fireplace (13%)
   - City View (13%)
   - Stairs (8%)

4. Exterior
   - Courtyard (100%)
   - Doors to Exterior (100%)
   - Vegetation (50%)

5. Dining Room
   - Large Windows (59%)
   - Cathedral Ceilings (50%)
   - Open to Kitchen (36%)
   - Open to Living Room (36%)
   - Doors to Exterior (18%)
   - Stairs (9%)

6. Bathroom
7. Kitchen
8. Circulation
9. Office
Client D’s Dream Home Material

Materials

- Paint: 53%
- Wood: 28%
- Tile: 6%
- Plaster: 4%
- Brick: 3%
- Concrete: 3%
- Wallpaper: 1%
- Glass: 1%
- Carpet: 1%

Client D's Dream Home Material
Client E's Dream House

- Windows: 50%
- Vault: 50%
- High Ceiling: 21%
- Windows: 29%
- Door to exterior: 29%
- Fireplace: 14%
- Stairs: 34%
- Windows: 33%
- Roof/Covered: 40%
- View: 20%
- Living: 40%
- Kitchen: 20%
- Dining: 20%
- Circulation: 20%
- Door to exterior: 29%
- Windows: 29%
- Roofs/Covered: 40%
- High Ceiling: 21%
- Stairs: 34%
- Windows: 33%
Client E's Dream Home Floor Plan

1. Bedroom
2. Master Bedroom
3. Kitchen
4. Exterior
5. Dining Room
6. Bathroom
7. Living Room
8. Circulation
9. Office
10. Storage
Client E's Dream Home Materials

Stone 30%
Wood 28%
Glass 16%
Steel 8%
Paint 5%
Plaster 5%
Concrete 5%
Tile 2%

Chart Title

Stone 30%
Wood 28%
Glass 16%
Steel 8%
Paint 5%
Concrete 5%
Tile 2%
Plaster 5%
Client F's Dream House

- Balcony 13%
- Windows 11%
- View 10%
- Column 14%
- High Ceiling 15%
- Windows 18%
- Door to exterior 29%
- View 10%
- Column 14%
- Balcony 13%
- Windows 27%
- Door to exterior 29%
- Windows 58%
- Door to exterior 8%
- Door to exterior 15%
- Door to exterior 15%
- Door to exterior 8%
- Ornament 25%
- Garret 8%
- Windows 58%
- Living 21%
- Exterior 19%
- Bedroom 18%
- Office 9%
Client F's Dream Home Floor Plan

1. Bedroom
2. Master Bedroom
3. Kitchen
4. Exterior
5. Dining Room
6. Bathroom
7. Living Room
8. Circulation
9. Office
10. Storage
Client F's Dream Home Material

- **Paint**: 28%
- **Wood**: 25%
- **Stone**: 16%
- **Plaster**: 12%
- **Wallpaper**: 5%
- **Gold**: 4%
- **Carpet**: 4%
- **Tile**: 3%
- **Glass**: 2%
- **Shingles**: 1%

Material Breakdown:

- **Paint**: 28%
- **Stone**: 16%
- **Wood**: 25%
- **Wallpaper**: 5%
- **Gold**: 4%
- **Carpet**: 4%
- **Plaster**: 12%
- **Glass**: 2%
- **Shingles**: 1%
Client G's Dream House

- Balcony: 16%
- Gable: 11%
- Windows: 38%
- Door to exterior: 21%
- High Ceiling: 21%
- Windows: 31%
- Skylight: 9%
- Fireplace: 18%
- High Ceiling: 24%
- Stairs: 38%
- Windows: 24%
- Greenery: 25%
- Garret: 25%
- Ornament: 25%
- Circulation: 15%
- Exterior: 47%
- Bedroom: 9%
- Living Area: 18%
Client G's Dream Home Floor Plan

1. Bedroom
2. Master Bedroom
3. Kitchen
4. Exterior
5. Dining Room
6. Bathroom
7. Living Room
8. Circulation
9. Office
10. Storage
Client G’s Dream Home Materials
Client H’s Dream House

- Windows: 17%
- Wood: 17%
- Stone: 17%
- Paint: 50%

- Windows: 25%
- Fireplace: 12%
- View: 13%
- Vegetation: 38%
- High Ceiling: 15%
- Stairs: 14%
- Bath tubs: 15%
- Shower: 31%
- Bathroom: 22%
- Bedroom: 22%
- Outdoor: 19%
- Storage: 11%

- High Ceiling: 29%
- Windows: 29%
- Fireplace: 14%
- Bath tubs: 15%
- Shower: 31%
- Vegetation: 38%
- Windows: 25%
- Fireplace: 12%
- View: 13%
- Paint: 50%
- Wood: 17%
- Stone: 17%
- High Ceiling: 29%
- Stairs: 14%
Client H’s Dream Home Floor Plans

1. Bedroom
2. Master Bedroom
3. Kitchen
4. Exterior
5. Dining Room
6. Bathroom
7. Living Room
8. Circulation
9. Office
10. Storage
Client H’s Dream Home Materials

Paint: 47%
Wood: 25%
Tile: 13%
Stone: 9%
Brick: 3%
Carpet: 3%

Material

- Paint: 47%
- Wood: 25%
- Tile: 13%
- Stone: 9%
- Brick: 3%
- Carpet: 3%
Client I's Dream House

- Door to exterior: 12%
- Garret: 32%
- High Ceiling: 20%
- Open rooms: 12%
- Outside: 8%
- View: 4%
- Door to exterior: 15%
- Gable: 77%
- Courtyard: 8%
- Door to exterior: 40%
- High Ceiling: 40%
- Open rooms: 20%
- Stairs: 25%
- Outdoor: 25%
- Living: 37%
- Dining: 19%
- Kitchen: 8%
Client I's Dream Home Floor Plan

1. Bedroom
2. Master Bedroom
3. Kitchen
4. Exterior
5. Dining Room
6. Bathroom
7. Living Room
8. Circulation
9. Office
10. Storage
Client I’s Dream Home Materials

- Wood: 44%
- Paint: 17%
- Plaster: 17%
- Brick: 9%
- Concrete: 5%
- Stone: 3%
- Glass: 3%
- Tile: 1%
- Steel: 1%

Material Pie Chart

- Wood: 44%
- Paint: 17%
- Plaster: 17%
- Brick: 9%
- Concrete: 5%
- Stone: 3%
- Glass: 3%
- Tile: 1%
- Steel: 1%
Client J’s Dream House

Living - 25%
- High Ceiling: 28%
- Doors to exterior: 15%
- Courtyard: 12%
- Stairs: 11%
- View: 10%

Kitchen - 17%
- High Ceiling: 41%
- Doors to exterior: 21%
- Courtyard: 11%
- Stairs: 11%
- View: 22%

Exterior - 16%
- High Ceiling: 33%
- Doors to exterior: 21%
- Courtyard: 15%
- Stairs: 21%
- View: 14%

Bathroom - 15%
- High Ceiling: 29%
- View: 75%
Client J’s Dream Home Materials

- Wood: 29%
- Paint: 27%
- Concrete: 14%
- Stone: 10%
- Glass: 7%
- Plaster: 5%
- Tile: 4%
- Stainless Steel: 3%
- Gold: 1%

Materials

- Wood: 29%
- Concrete: 14%
- Stone: 10%
- Paint: 27%
- Glass: 7%
- Plaster: 5%
- Tile: 4%
- Stainless Steel: 3%
- Gold: 1%
The Dream Home Adaptation
Client A's Adaptive House

1.

2.

3.

4.

5.

6.
Client B’s Adaptive House

1.

2.

3.

4.

5.

6.
Client C’s Adaptive House

1.

2.

3.

4.

5.

6.
Client D’s Adaptive House

Bedrooms
Collapsible based on CargoShell Container design

Roof/Cathedral Ceiling
Pivots based on Tracking Solar Panels or automated Skylights

Courtyard/Patio
Unfolds based on Ily travelling container

Bedroom & Dining Room
Retractable based on expandable room flat floor system.

Expandable Kitchen
by Kristin Leas & Norman Ebelt
The Steps of Client D's Adaptive House

Eléonoreroof can adapt with the seasons

1.  
2.  
3.  
4.  
5.  
6.  

Detail
Client E’s Adaptive House

Living Room & Kitchen
Retractable based on expandable room flat floor system.

Bedrooms, Bath & Circulation
Retract based on luxury trailer design.
The Steps of Client E’s Adaptive House

Jan’s house can adapt based on his activity to always fulfill her desires.

1. The balcony contract towards the sliding doors. The balcony when retracted provides a railing for the sliding living room doors.

2. The living room contracts all the way.

3. The living room contracts in half.

4. The kitchen slides into the dining room.

5. The bedrooms slide into the living room, the circulation contracts in itself.

6. The compacted dream home.

Detail
Client F's Adaptive House
Client G's Adaptive House
Client H’s Adaptive House
Client I's Adaptive House

1.

2.

3.

4.

5.

6.
Client J’s Adaptive House

1. 

2. 

3. 

4. 

5. 

6.