



PALM SPRINGS ACCESSIBLE HOME

Carlie Mellang
DES 303 Interior Design Studio 1
Fall 2023

Client Bio

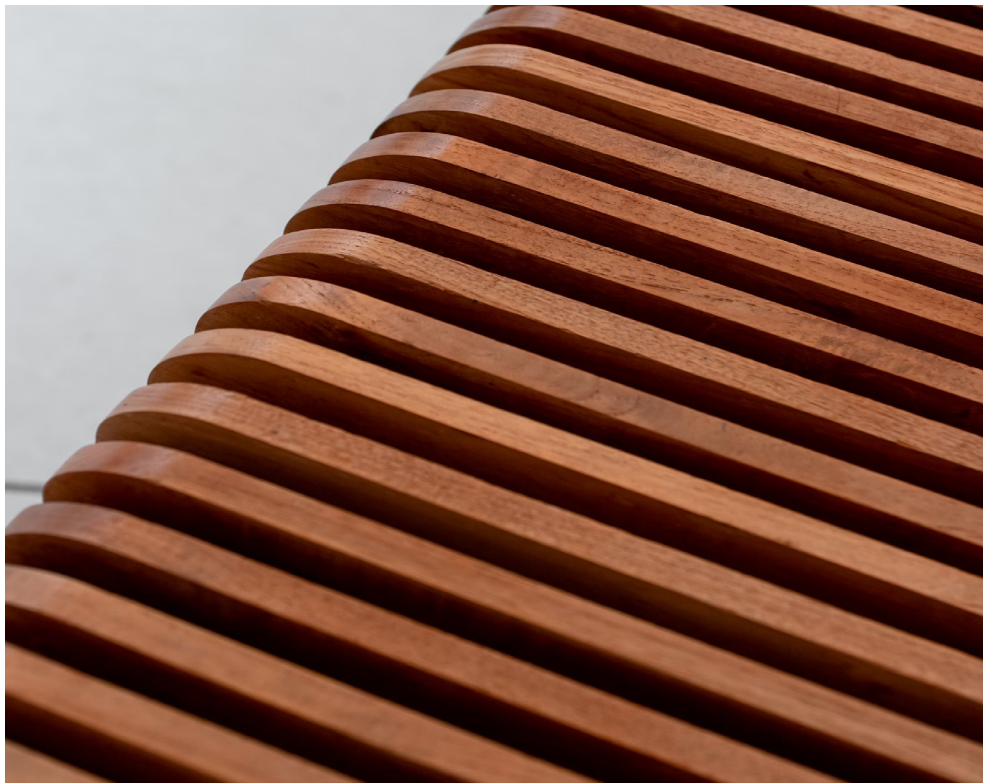
Dana, Brandon are a middle-aged couple who reside in Palm Springs. Their 11-year-old son, Ethan, has a spinal cord injury that requires him to use a wheelchair.

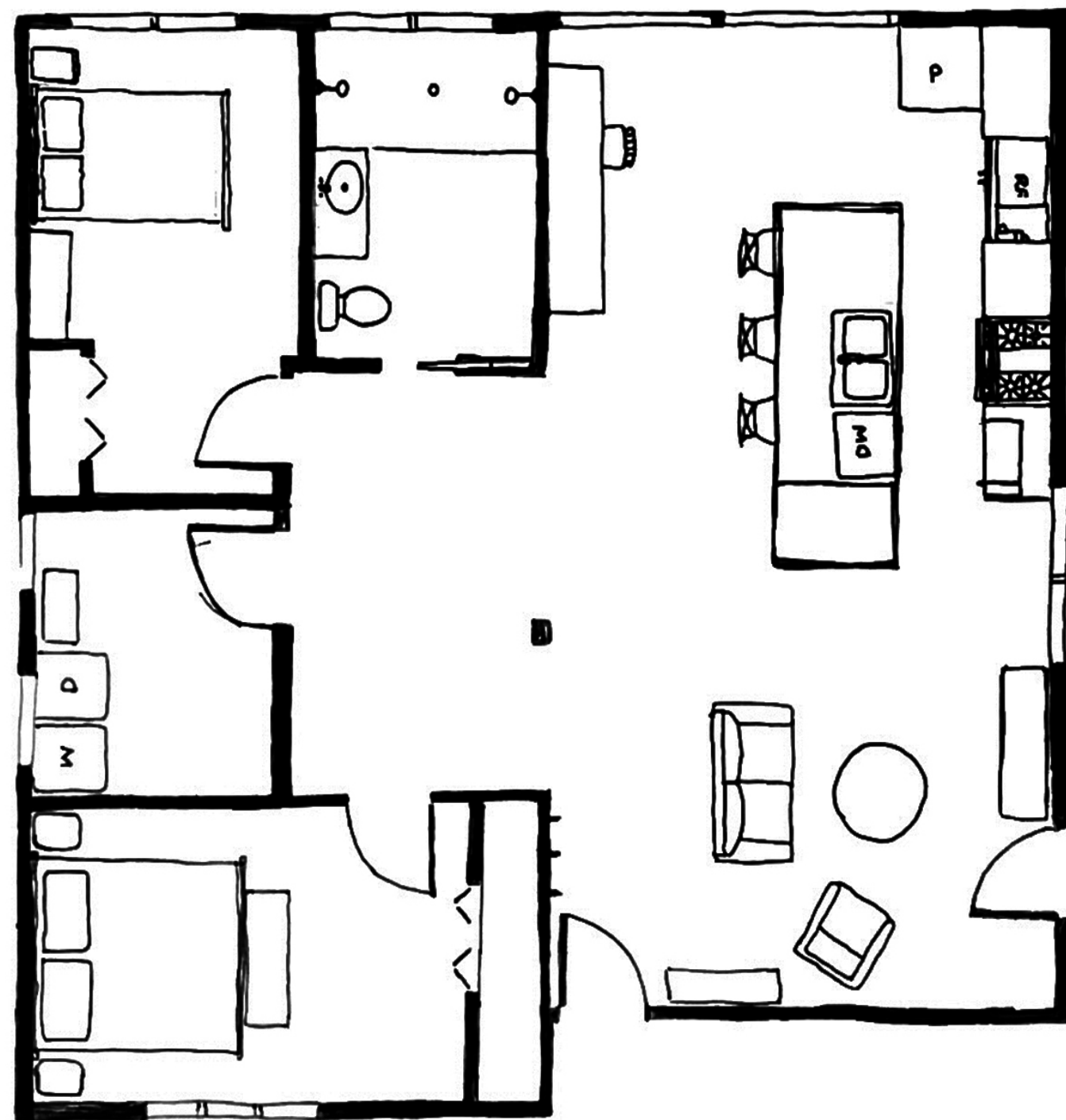
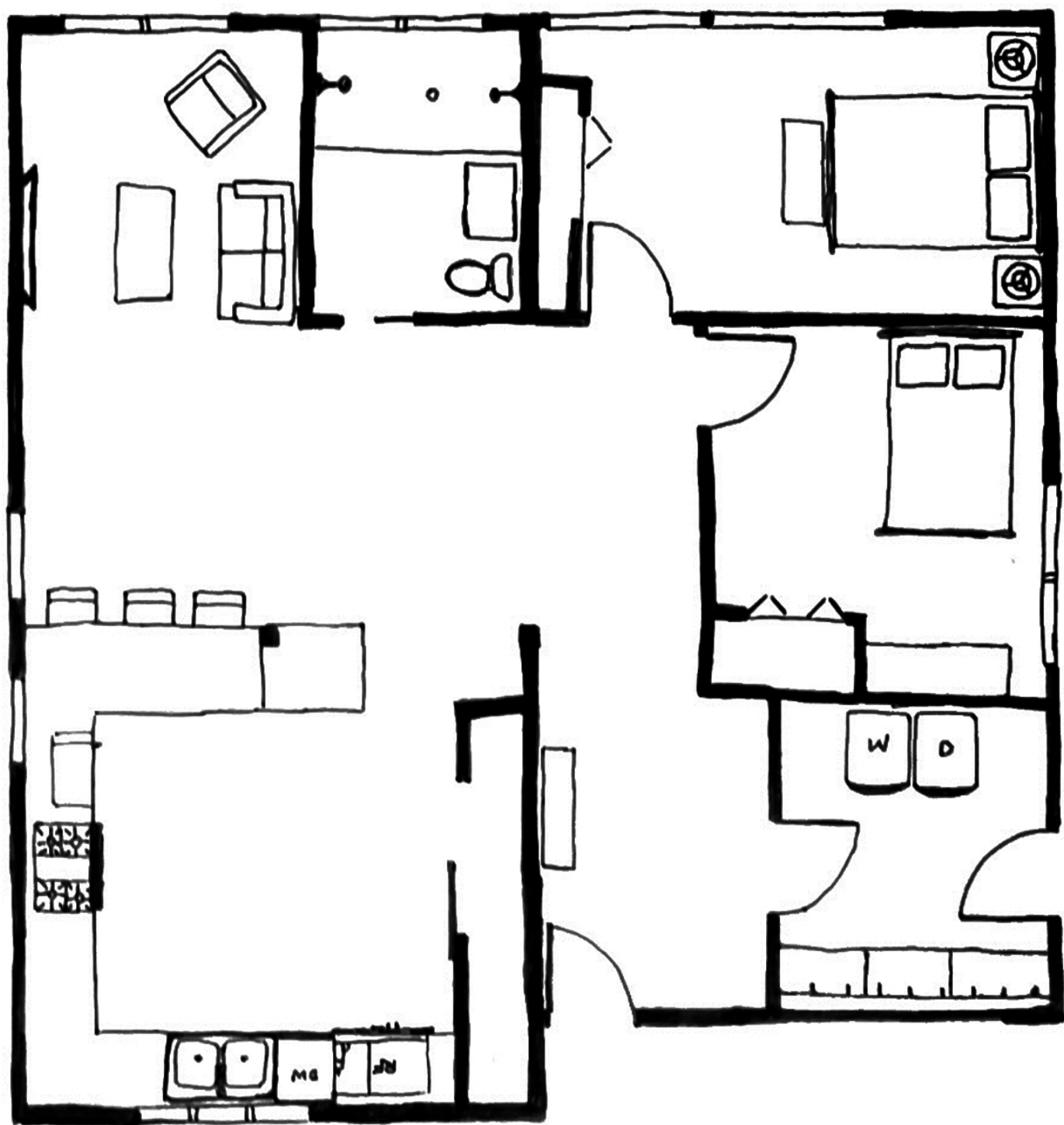
Research

- The home is located on a square lot with a pool.
- The intentional placement of windows provides for an abundance of natural light.
- Seeking a mid-century modern design which is distinguished by organic forms, minimal decor, and an emphasis on functionality.
- Adhering to the 2022 California Residential Code, which is based on the 2021 International Residential Code.
- Constructed to ADA requirements with a 1:8 slope entry ramp and 32” minimum doors.
- A higher sustainability in design is sought after through the use of energy-efficient appliances, natural light, and water-efficient fixtures.

NATURAL SOPHISTICATION

Design Concept: The goal of this design is to provide my client's with accessible, useful, and safe living spaces while also providing a harmonic, appealing environment. By adding warm wood tones, clean lines, and an emphasis on a seamless outdoor inside atmosphere, the design complements my client's mid-century modern taste. This home will have an open floor plan to improve traffic flow, make communication easier, and boost natural lighting.





- ① ADA compliant kitchen, bath and bedroom with **5ft turning radius**.
- ② Motorized curtains for greater command of the **room's lighting and privacy**.
- ③ Improved **indoor air quality** and additional **natural light** for a focus on human health.
- ④ Open shower that features a grab bar, a foldable seat, and is spacious to accommodate shower assistance.
- ⑤ Smart features in the bathroom including **shower activation** and **hands-free or manual** fixture functions.
- ⑥ Energy **efficient appliances** to reduce waste.
- ⑦ Open and seamless layout for **entertainment, room to roam** and **versatility** of space.
- ⑧ Accessible cabinet features through **extended toe kick, 9" by 9"** and **33" countertop height**.





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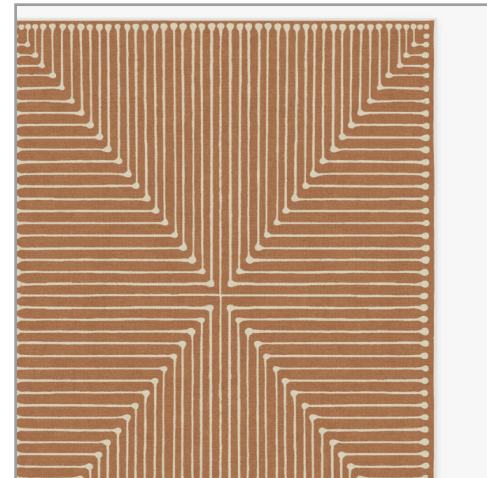
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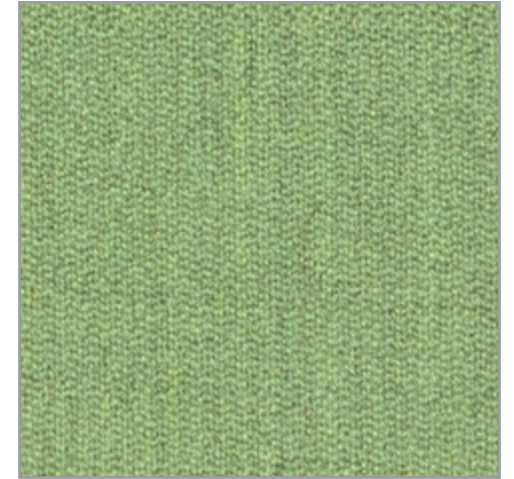
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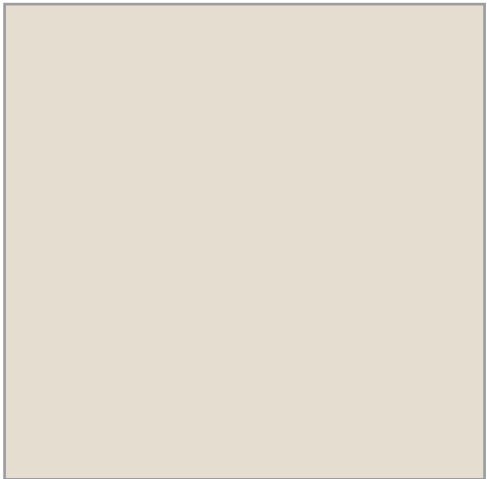
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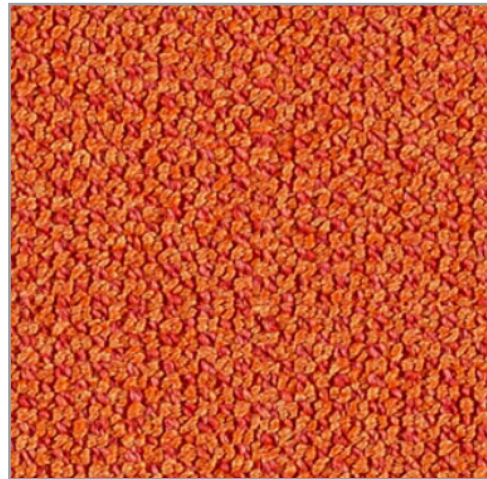
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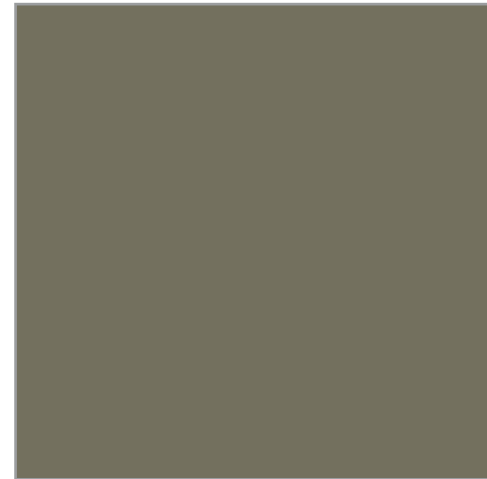
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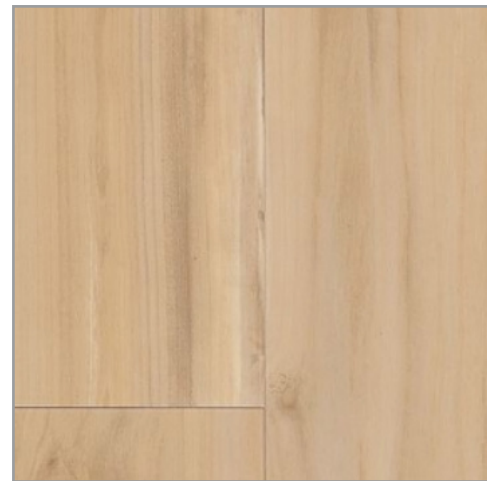
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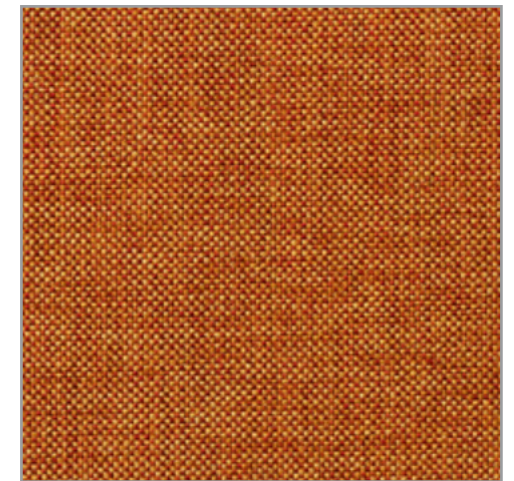
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CODE	ROOM	DESCRIPTION
1	Living Room	Side Chair - Design Within Reach, 40" H 32½" W 36½" D, Nora Lounge Chair, Basil, Walnut
2	Living Room	Sideboard - Thickett, 60 x 15 x 38 (in), Mango Wood, Stained, White
3	Bedroom	Desk - Ligne Roset, 35½" H 47¼" W 25½" D, Ursuline Desk, Walnut veneer over MDF
4	Living Room	Plant - 7' Corn Plant in White Geometric Planter – 321911
5	Bedroom	Nightstand - Design Within Reach, 21⅞" H 18⅞" W 18⅞" D, Line Nightstand, Walnut
6	Living Room	Coffee Table - Herman Miller, 14" H 22" W 48" D, Eames Rectangular Coffee Table, Walnut
7	Living Room	Throw Pillow - Mina, 20" H 20" W, cotton, Tonal Pillow, Rust
8	Bedroom	Table Light -Louis Poulsen, 24" H 8" W, Yuh Table Lamp, Black
9	Living Room	Rug - Ruggable, 9' x 12', Jonathan Adler Inkdrop Copper Rug
10	Bedroom	Bed - Design Within Reach, 40" H 84" W 88" D, Charlotte Bed, Shell, Walnut
11	Living Room	Art - Evergreen Twists, 41.6 x 1.5 x 41.6 (in), Contemporary, Transitional
12	Living Room	Sofa - Design Within Reach, 31" H 81" W 38" D, Emmy Sofa, BECK - PATISSERIE 049, Walnut
13	Dining Room	Dining table - Cole, 29⅜" H 69" W 69" D, Dulwich Extension Table Round, Walnut
14	Dining Room	Hanging Light - Pottery Barn, Silvia Handwoven Rattan Pendant, 12" x 72"
15	Dining Room	Dining chair - Carl Hansen & Søn, 29¼" H 21¾" W 19¾" D, Wishbone Chair, Black oak
16	Bedroom	Wallpaper - Momentum Textiles and Wallcovering, GOSSAMER WC - SPRING GREEN
17	Living Room	Textile - Egg & Dart PDQ, BRENTANO, 1305-06 LUMEN - FIREFLY
18	Kitchen	Cabinet - Omega, BUTTERNUT ON ALDER
19	Bathroom	Flooring - Ceramic Tile Works, White Dolomite, Imperial, Matte
20	Bedroom	Textile - Maharam, Campana, 466571–021, Reptilian
21	Entry Room	Paint - Sherwin-Williams, Pacer White, SW 6098
22	Living Room	Textile - Arc Com, Highlands, AC-61966, Papaya #7
23	Kitchen	Counter Top - Cambria, SMITHFIELD, Signature Series
24	Living Room	Paint - Sherwin-Williams, Sage Green Light, SW 2851
25	Bedroom	Carpet - MOHAWK, SmartStrand, Casual Elegance, Silver Fox
26	Living Room	Textile - Arc Com, Quest, AC-63580, Ebony #11
27	Kitchen, Living, Dining	Flooring - Armstrong, Fruitwood Natural, Arbor Art, TP071
28	Dining Room	Hanging Lamp - Muuto, Dusty Green, Aluminum Shade
29	Dining Room	Wallpaper - West Elm, Botany Removable Wallpaper, Tangerine And Ivory
30	Dining Room	Bench Textile - Wolf Gordon, FOLIAGE, Polyester/Polyester Blend, GOH 32264763





