

PORTFOLIO 3

Universal Design

Fall 2015

TYLERCURRIE



Pat and Fran are a set of Pittsburgh, Pennsylvania natives that plan to move down to Greenville to finally settle down and live out the rest of their lives. Pat, an expert in the decorative arts, and Fran a molecular physicist, are looking to buy and upgrade a base unit of a retirement community in the Greenville area. Both are/were college professors at the University of Pittsburgh; Pat, for 25 years and Fran, for 31. Pat was offered a job at East Carolina University in the Art department as an associate professor and plans to retire within the next 5 years. Fran recently retired and plans to stay at home and look after their disabled daughter in the meantime. Dana, ex-military, was wounded in battle in Afghanistan about 5 years ago and as a result, lost her left leg from the thigh down. Dana lives in Fayetteville, North Carolina which is much closer to Greenville than Pittsburgh. She is currently going through a bitter divorce from her husband of 6 years so Fran plans to drive to Fayetteville a few times a week to help out with Dana and her needs and vice versa. Their son, Dale, is a general contractor back in Pittsburgh and is married with two kids. He plans to come down to North Carolina and assist Pat and Fran in the development of their new condo unit.

DESIGN STORYLINE



In doing their research of the Greenville area, Pat and Fran discovered the new retirement development of River Glenn. Located on the banks of the Tar River itself, River Glenn offers top of the line amenities with a relaxed living style for all who wish to retire in the area. 24 hour maintenance and hassle-free living make each resident feel as though they are living in luxury. Both Pat and Fran decided on a handicap accessible unit on the first floor for the simple fact that they are both entering into their later years and with Fran being deaf, the unit can be easily modified and equipped with the technology and techniques she needs for a comfortable living environment.



The unit includes two bedrooms and two bathrooms with large walk in closets in both. Both spaces are suite-style so that whomever may reside in either one will not be limited to living in a master/guest scenario, but a master/master scenario. In the main common area of the unit, the kitchen is open to the dining space, which in turn is open to the living room. Separating the spaces are three separate ceiling details of the tray style. With the use of the tray ceilings, it allows the rooms to be separated without using barriers such as walls, dividers, etc. The furniture is kept to a minimum with allowable wheelchair space for Dana to maneuver whenever needed. Throughout the whole space, overhead lighting fixtures and recessed lighting are hardwired to alert systems so that if something goes wrong, an alert is made by flashing lights and strobes so that Fran will be made aware since she has a hearing disability.





When deciding to move down to Greenville, Pat and Fran chose to leave the majority of their furnishings and other belongings behind so they could start fresh. The only two items that they chose to keep and bring with them are a settee and a vitrine, both family heirlooms given to Fran by her deceased mother and father. The pieces were both passed down from past generations and both Pat and Fran wanted to keep them in the family as long as possible. The settee served as inspiration for their new furnishings. With its dark wood tone and neutral fabric colors, Pat and Fran used it as a jumping off point for the rest of their spaces. With that in mind, neutral colors and dark brown wood floors were used throughout the space.





Pat and Fran wanted their master bedroom and bathroom to feel more like a suite in a luxury hotel than a retirement home so with the upgraded features such as top of the line materials, elaborate light fixtures, and subtle, rich wall tones, they received just that. Just like in the common space, lights and strobes will flash if an alert sounds or something goes wrong so that Fran will be made aware. Darker brown wood tones were used on the furniture for the space. Reminiscent of the floors in the common area, Pat and Fran wanted to be able to combine both spaces seamlessly. To allow for easier wheelchair access, the doorway in-between the closet and master bath was enlarged to allow for adequate space. The closet spans the width of the room with equal space on both sides for both Pat and Fran.





When it came to the guest bedroom, Pat and Fran knew exactly what they wanted and needed. With her divorce still on her mind and her life a hectic mess, Dana was planning on visiting her parents often so she was going to need a space that could accommodate the size of her wheelchair and the extra space it required. The materials and finishes in the space did not go sparingly. The curtains and bedding were all made from the most durable fabric and the neutral, calming colors allowed for ample tranquility for Dana or for any guest who may be using the room. Dana requested that some of Pat's most noticeable work, "Two Ladies", flank each side of her bed. She felt as if they added a whole other element to the space, as well as adding some sentimentality.







The guest bathroom was one of Fran's personal favorite spaces. With its symmetrical design of the sink space and cabinetry, it allowed for adequate storage space for Dana without taking away from the aesthetic of the room. Instead of having upper cabinetry, Fran chose to leave the shelving open so that they could have plenty of room for extra towels, storage baskets, etc. she did not want Dana to be restricted to having cabinet doors to open when she was in her wheelchair, so she opted for the open concept. She chose lighting and accents that incorporated traditional with a touch of contemporary flare. Hidden inside each shelf as well as throughout the other built-in cabinetry throughout the unit are small can lights that give off a nice glow. The accent lighting allows for a more elegant look and can be dimmed to create great mood lighting.

SW 7542
NEUTRAL
Interior/Exterior
Locator Number: 286-C3

#ECH26LG
Cherry-Bronze
Engineered-5 in.

Ceiling: Pure White



DINING OPTION 1

SW 7000
IBIS WHITE
Interior/Exterior
Locator Number: 260-C2

#ECH26LG
Cherry-Bronze
Engineered-5 in.

Ceiling: Pure White





SW 7542
NEUTRAL
Interior/Exterior
Locator Number: 286-C3

#ECH26LG
Cherry-Bronze
Engineered-5 in.

Ceiling: Pure White

LIVING ROOM OPTION 1



SW 6435
GRATIFYING GREEN
Interior/Exterior
Locator Number: 156-C1

#ECH26LG
Cherry-Bronze
Engineered-5 in.

Ceiling: Pure White

SW 7000
IBIS WHITE
Interior/Exterior
Locator Number: 260-C2

Shaw Flooring
Inner City Texture
00120 Crouton

Ceiling: Pure White



MASTER BEDROOM OPTION 1

SW 6239
UPWARD
Interior/Exterior
Locator Number: 224-C1

Shaw Flooring
Inner City Texture
00120 Crouton

Ceiling: Pure White



MASTER BEDROOM OPTION 2



SW 6435
GRATIFYING GREEN
Interior/Exterior
Locator Number: 156-C1

Shaw Flooring
Inner City Texture
00120 Crouton

Ceiling: Pure White

GUEST BEDROOM OPTION 1

SW 1668
PINEAPPLE CREAM
Interior/Exterior
Locator Number: 138-



Ceiling: Pure White



GUEST BEDROOM OPTION 2

SW 7542
NEUTRAL
Interior/Exterior
Locator Number: 286-C3

#ECH26LG
Cherry-Bronze
Engineered-5 in.

American Olean 10-pack
Costa Rei Sabbia Dorato
Ceramic Wall Tile
Diamond Pattern
6-in x 6-in

Ceiling: Pure White



KITCHEN OPTION 1

SW 7000
IBIS WHITE
Interior/Exterior
Locator Number: 260-

#ECH26LG
Cherry-Bronze
Engineered-5 in.

Carrera Marble Slab
Cut to fit –on site

Ceiling: Pure White





Carrera Marble Slab
Cut to fit –on site

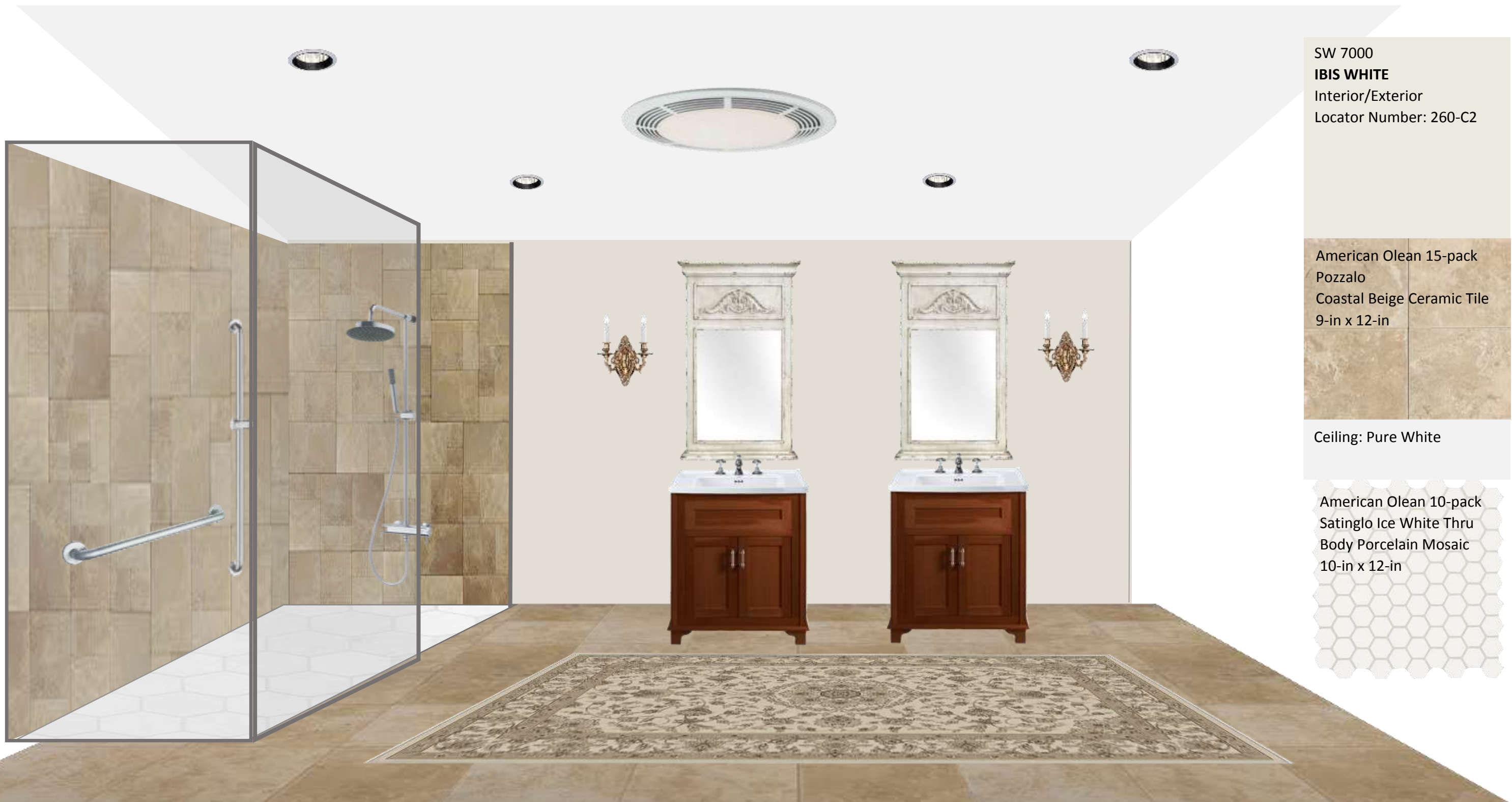
SW 7000
IBIS WHITE
Interior/Exterior
Locator Number: 260-C2

American Olean 15-pack
Pozzalo
Coastal Beige Ceramic Tile
9-in x 12-in

Style Selections Blairlock
White ceramic Tile
13-in x 13-in

Ceiling: Pure White

MASTER BATHROOM OPTION 1



SW 7000
IBIS WHITE
Interior/Exterior
Locator Number: 260-C2

American Olean 15-pack
Pozzalo
Coastal Beige Ceramic Tile
9-in x 12-in

Ceiling: Pure White

American Olean 10-pack
Satinglo Ice White Thru
Body Porcelain Mosaic
10-in x 12-in

MASTER BATHROOM OPTION 2

Ceiling: Pure White

SW 6435
GRATIFYING GREEN
Interior/Exterior
Locator Number: 156-C1

American Olean 10-pack
Claire Ashen Ceramic Tile
10-in x 14-in

Style Selections Blairlock
White ceramic Tile
13-in x 13-in

Oriental Sculpture
Herringbone
12-in x 12-in



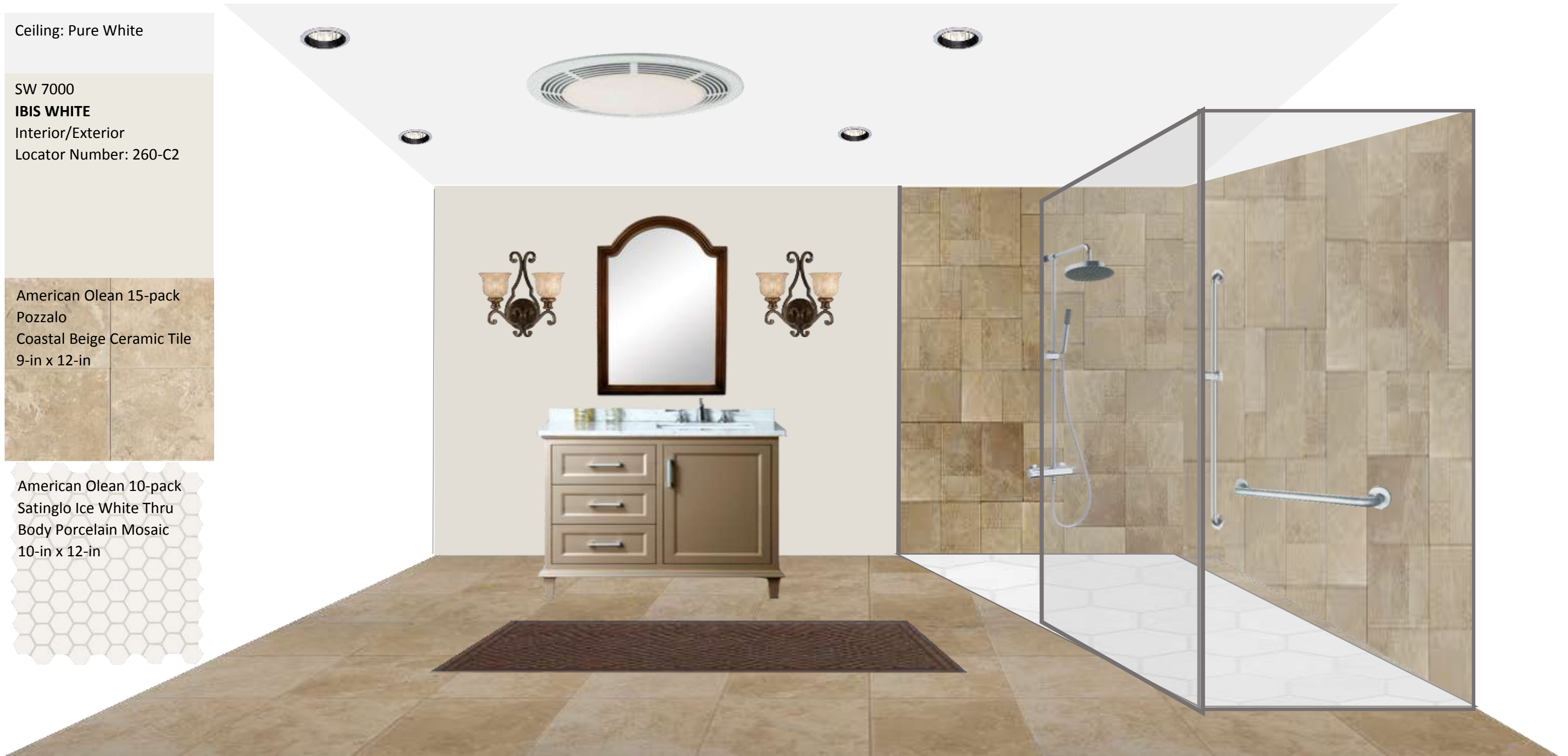
GUEST BATHROOM OPTION 1

Ceiling: Pure White

SW 7000
IBIS WHITE
Interior/Exterior
Locator Number: 260-C2

American Olean 15-pack
Pozzalo
Coastal Beige Ceramic Tile
9-in x 12-in

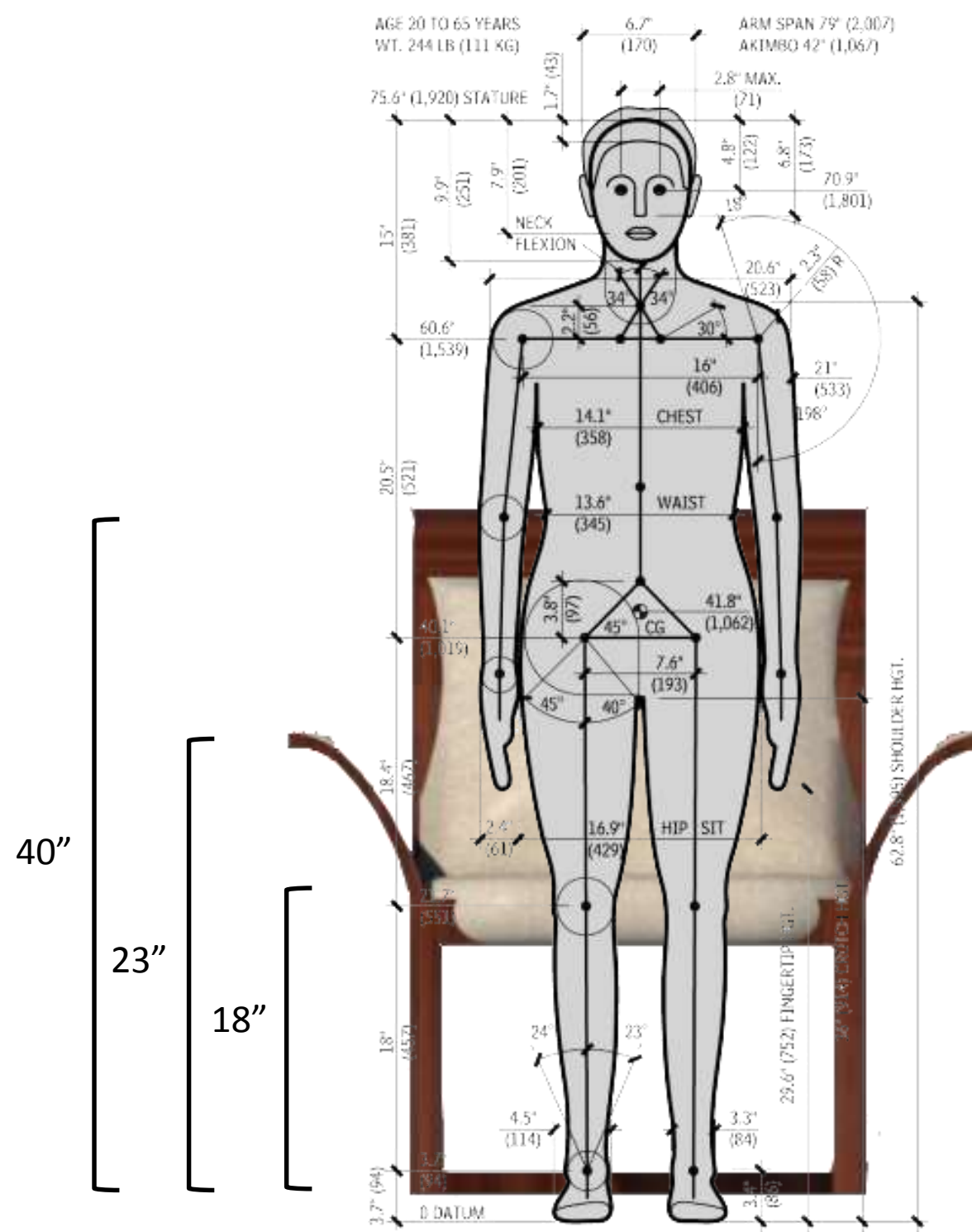
American Olean 10-pack
Satinglo Ice White Thru
Body Porcelain Mosaic
10-in x 12-in



GUEST BATHROOM OPTION 2



FLOOR PLAN



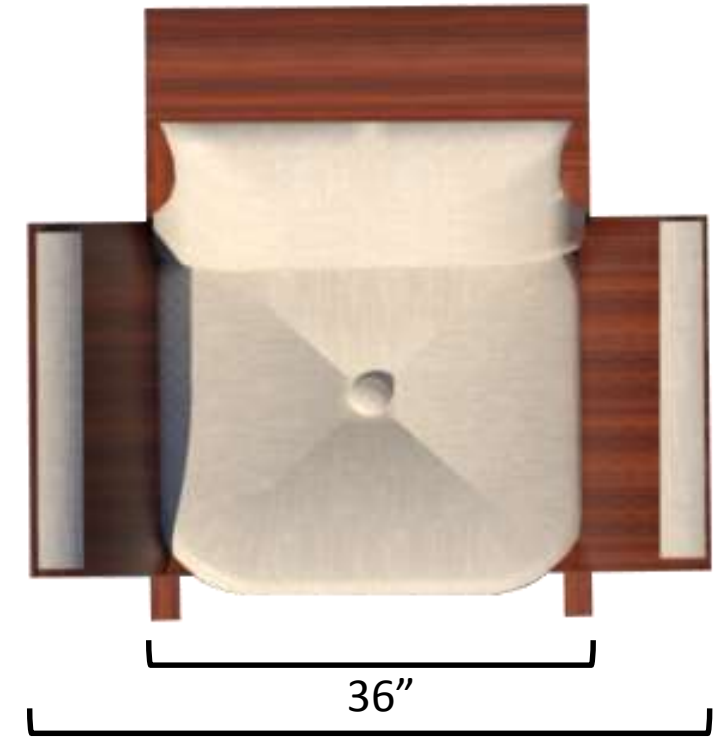
FRONT



40
36
SIDE



BACK

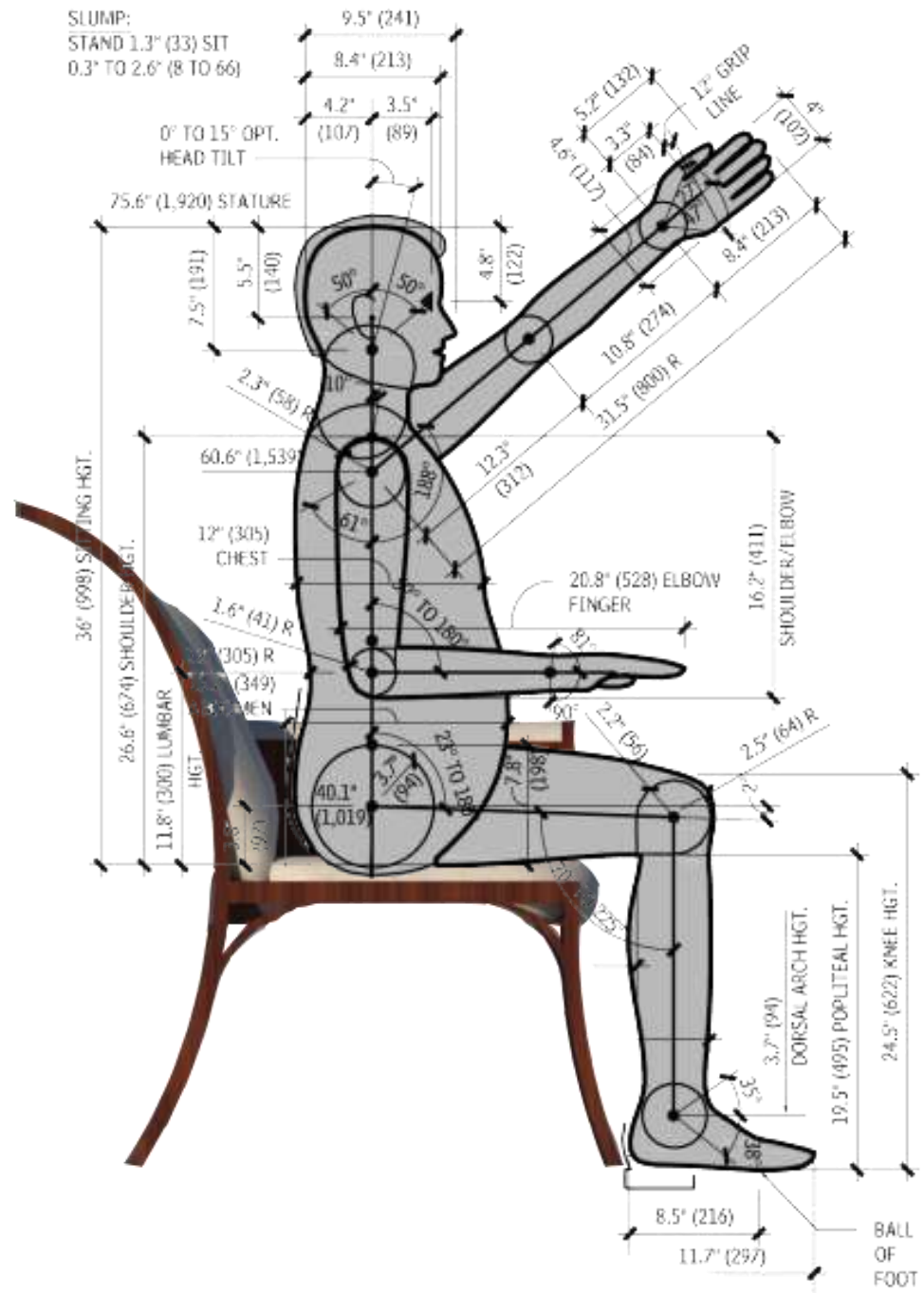


36"
48"

TOP SEATING UNIT

40"
23"
18"

Pat commissioned a universal designed chair to be able to incorporate in their new condo unit. I designed a chair that was reminiscent of their heirloom settee that they brought from Pittsburgh. The chair form itself is the same wood tone as the settee and similar in style with the curvilinear arms and back. The back of the chair is above average height for added support and comfort. The top curves backward to avoid any interference with your head when you sit back, so that your head is not propped straight up. The seat of the chair is wider than most accent chairs or even some recliners. The 3 foot span allows for larger people to use the chair and still have adequate room for comfort.



SECTION



SEATING UNIT

HISTORICAL PRECEDENTS AND INTERIOR DESIGN

When it comes to interior design, there is no such thing as a “new style”, but more of a reinvention of a previous style. This is where we get the idea of using history to define the future, especially when it comes to interiors. When it comes to historical precedents, they are defined as any act in the past that may be used as an example to help decide the outcome of a similar instance in the future. For my design, some historical precedents include:

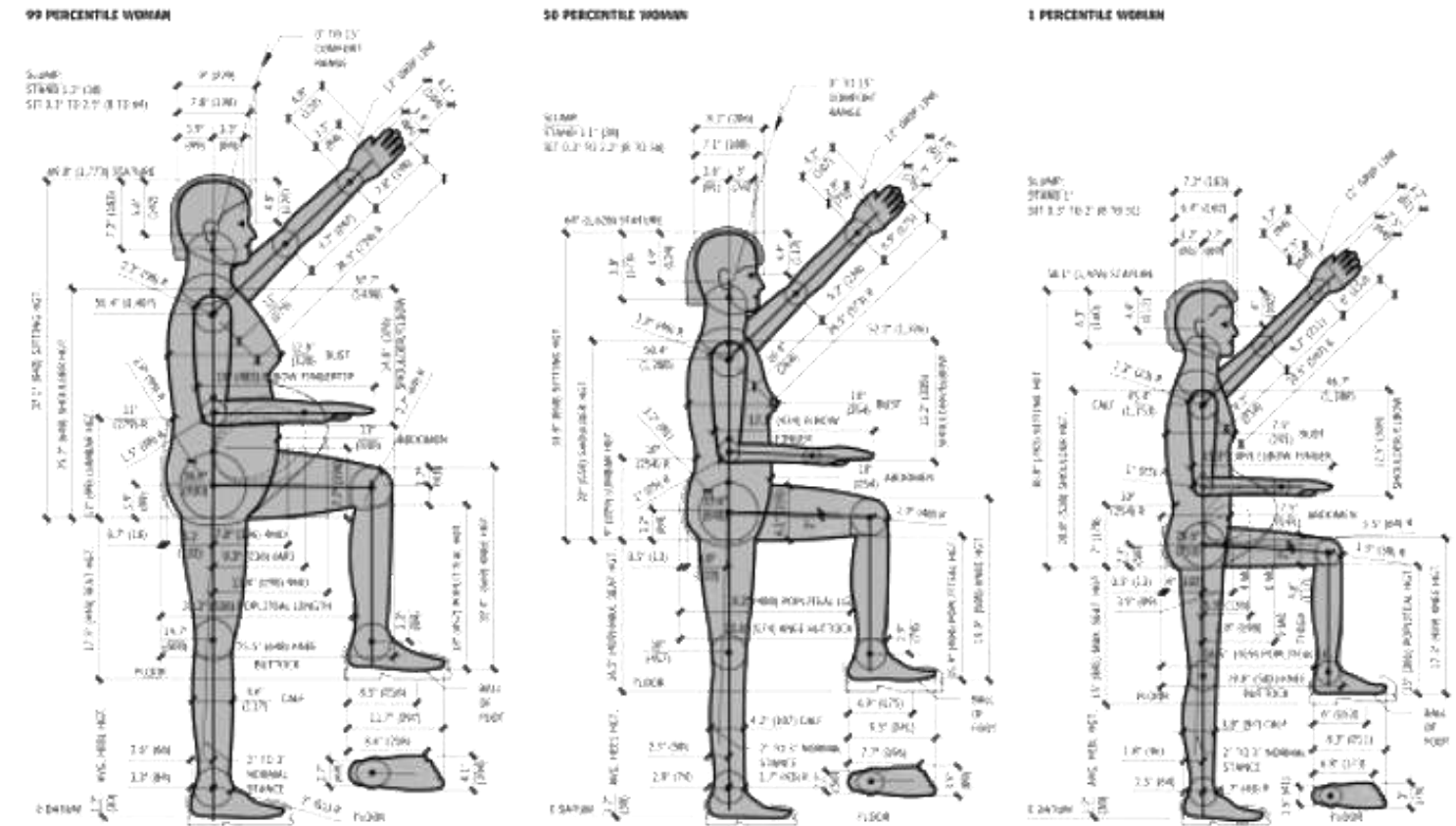
- Open, yet separate spaces for easy entertaining.
- Decorative crown molding and thick base boards create crisp and clear finishes to all walls surrounding the space, referring to a more traditional style.
- Symmetry and balance are apparent throughout. This includes the furniture arrangement in the living space to the equal line of symmetry from the kitchen to the balcony doors.
- Traditional styles include contrasting colors, whereas the new traditional style of this design incorporates more of a neutral color palette with contrasting dark wood floors



HISTORICAL PRECEDENTS

HUMAN BEHAVIOR

- Interaction and communication are key, common spaces in the home are important to all individuals living in the home.
- Human body type plays an important factor in how big spaces must be and how furniture is laid out. The typical human needs a certain amount of space for sitting, standing, and other movements, therefore there are limits and expectations to furniture in design.
- Humans attempt to lay claim to a space and give a sense of self identity. Being that aging in place is a common idea and each unit will be owned by their tenants, they are able to upgrade it any way they see fit, personalizing it to their specific needs and wants.
- When we age, our needs grow as well as our need for more space to get around. Depending on the status of the person occupying the space, depends on what technology and equipment is used to assist in day to day life. Some equipment requires more space than others.



ANTHROPOMETRICS AND HUMAN BEHAVIOR

