











































David Wu ARCH 3510 - Design 5

Single Family:

Architect: 35 year old husband, specializes in residential and renovation, personal business located in Brooklyn, NY.

Candle Maker: 32 year old wife, works as a middle school teacher in a public school in Brooklyn, NY.

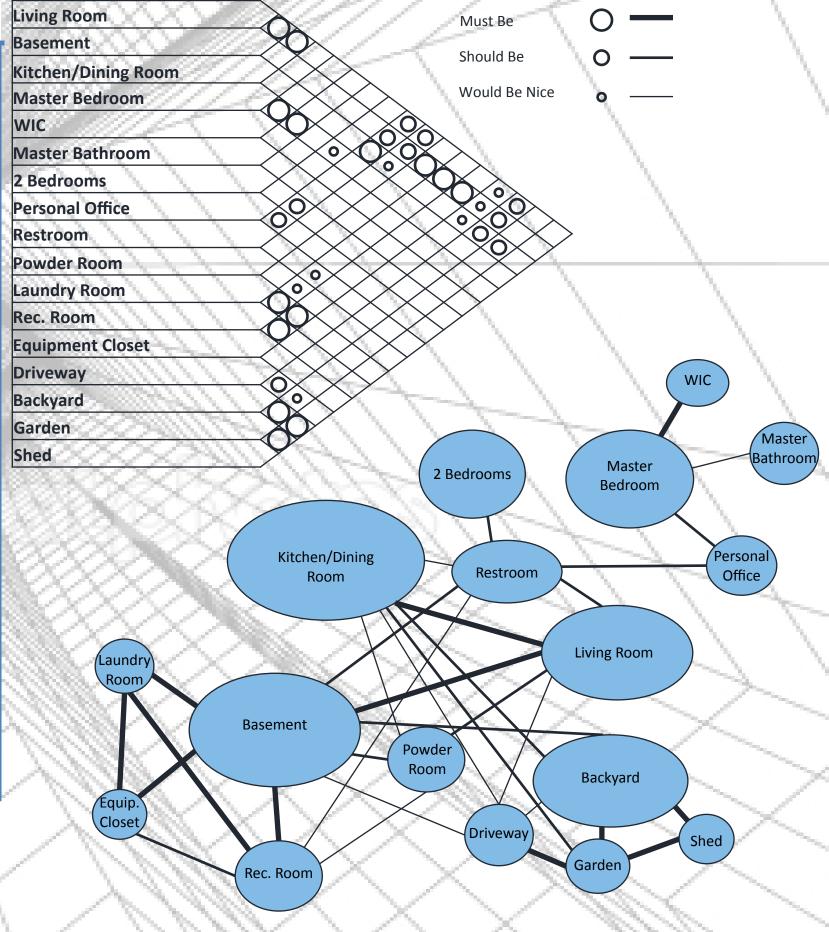
9 Year Old Girl: goes to private school and has parents who push her in her studies and in extracirrucular activities.

Moved to Brooklyn, NY for easier traveling. Originally lived in Upstate.

Needs:

- -2 story house with 1 basement, 2 floors, open backyard, and driveway -One master bedroom with WIC, bathroom with jacuzzi, shower, two sinks, toilet, skylight and balcony.
- -Wide windows for natural lighting, personal office space
- -Recreational center in basement including dance studio, karoake system, pool table, big screen TV, couch, etc.
- -Open and spacious living rooms; double height living rooms being overlooked by second floor
- -Kitchen connected to the living room

Programs	Activity in Space	Furniture	Furniture Size	Plumbing	Natural Lighting	Habitation
Living Room	Family Gathering Family Time Relaxation	Couches Coffee Table Television	105"x129" 24"x48"x16" 60"	Yes	Yes	All
Basement	Extracurricular Relaxation	Tables Television Couches	24"x48"x16" 60" 105"x129"	Yes	Yes	All
Kitchen/Dining Room	Cooking & Eating	Refrigerator Stove & Oven Sink & Counters	36"x28" 36"x36"x45" 42"x21"	Yes	Yes	All
Master Bedroom	Sleeping Personal Space	King Size Bed Television Tables	5'x6'-6" 48" 24"x48"x16"	Yes	Yes	Parents
WIC .	Wardrobe Shoes	Shelves Closet	30"x58" 112"x75"	No	No	Parents
Master Bathroom	Relaxation Cleaning	Jacuzzi Shower Toilet Sink	82"x79" 36"x36" 28"x14" 20"x17"	Yes	Yes	Parents
Bedrooms	Sleeping Personal Space	Twin Size Bed Tables Shelves	38"x75" 20"x42"x16" 30"x58"	Yes	Yes	Child/Guest
Personal Office	Work Related Personal Space	Tables Shelves Chairs	20"x42"x16" 30"x58" 25"x35"	No	Yes	Father
estroom	Cleaning	Shower Toilet Sink	36"x36" 28"x14" 20"x17"	Yes	Yes	All
owder Room	Cleaning	Toilet Sink Mirror	28"x14" 20"x17" 24"x36"	Yes	No	All
aundry Room	Wash & Dry	Washer Dryer Shelves	14"x12"x18" 14"x12"x18" 30"x58"	Yes	Yes	All
Rec. Room	Game Room Relaxation Extracurricular	Pool Table Dance Studio Mini-Bar	8'x44" 	Yes	Yes	All
Equipment Closet	Maintenance	Boiler Electrical		Yes	No	Parents
Oriveway Backyard	Parking Space Family Gathering Relaxation Work Space	Grill Tables Chairs	 24"x16" 20"x42"x16" 24"x35"	No Yes	Yes Yes	Parents All
Garden	Catering to Garden	M V	777	No	Yes	Mother/Child
Shed	Work Space	Tables Shelves	24"x48"x16" 30"x58"	No	Yes	Mother/Child



ARCH 3510 - Design 5

David Wu





Address: 41-43 Dean Street Brooklyn, NY 11201 Block: 187/ Lot: 43 and 44 Zoning: R6A FAR: 30

Property Area: 2,226 sq ft (53'x42')

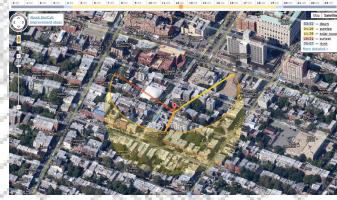
- -Dean Street is located in a neighborhood consisting of 1 & 2 family residential and multi-family residential. This type of location suits my clients for they are conservative and care about privacy.
- -Accessibility to public transportation is super convenient for the mother and father because their work site requires little transportation.
- -Many local amenities such as sports clubs, parks, bars, bicycle shops, Fulton Mall and the Barclay's center are some of the places that make living in such an environment that much better. Seeing how they're many local amenities, it compliments the clients programs. Not only do they have to spend their time indoors at home, family activities and individual hobbies can be completed outside of their comfort zone.



- 1 & 2 Family Residential Multi-family Residential
- Mixed Use
- Open space & outdoor recreation
- Commercial
- Institutions
- Industrial
- Parking
- Transportation / Utilities
 - Vacant Lots



Sun Diagram: June 21st

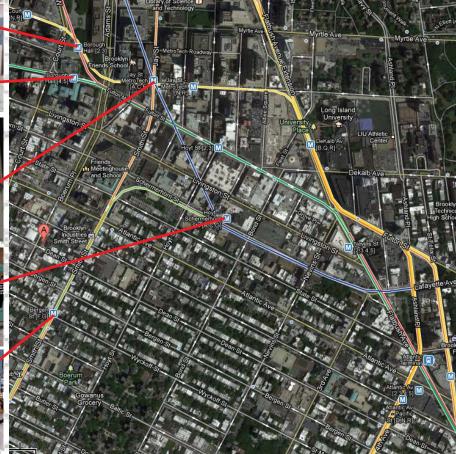


Sun Diagram: December 21st

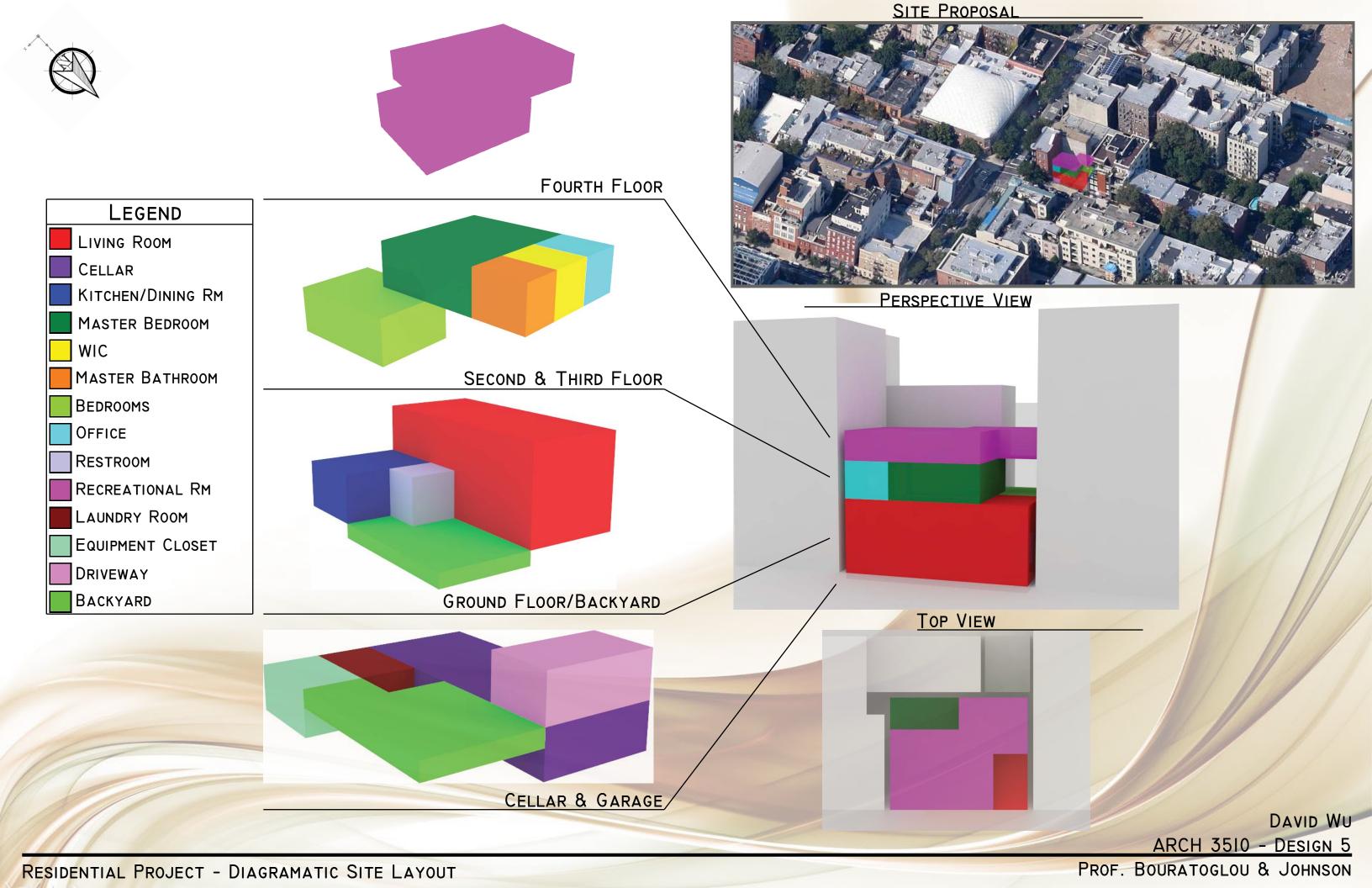


Subways: Public Transportation MTA





David Wu ARCH 3510 - Design 5













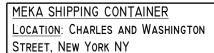




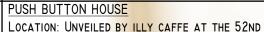








ARCHITECT: JASON HATLER AND CHRISTOS MARCOPOULOUS DESCRIPTION: 320 SQ. FT, DURABLE AND SUSTAINABLE, 70% OF RECYCLED MATERIAL USED, CAN BE TRANSPORTED, ECO-FRIENDLY, AND EXTREMELY FLEXIBLE. CONTAINER IS PANELED IN CEDAR WOOD OVER A STEEL FRAME SHIPPING CONTAINER WITH DOUBLE GLAZED ARGON-FILLED WINDOWS, A BAMBOO INTERIOR, SLATE BATHROOM, AND 100% CEDAR CLADDING.



BLY, UNIQUE AND IN-HIGH DEMAND.

INTERNATIONAL ART EXHIBITION IN VENICE BIENNALE.

ARCHITECT: ADAM KALKIN

DESCRIPTION: VIA COMPUTER CONTROLLED HYDRAULICS
THAT TAKES ABOUT 90 SECONDS TO UNFOLD ITSELF.

MADE FROM ABUNDANTLY AVAILABLE CARGO CONTAINERS
WHICH ARE SAID TO BE WINDPROOF, FLOODPROOF, FIRE
RESISTANT, ECO-FRIENDLY, LOW COST, QUICKLY ASSEM-







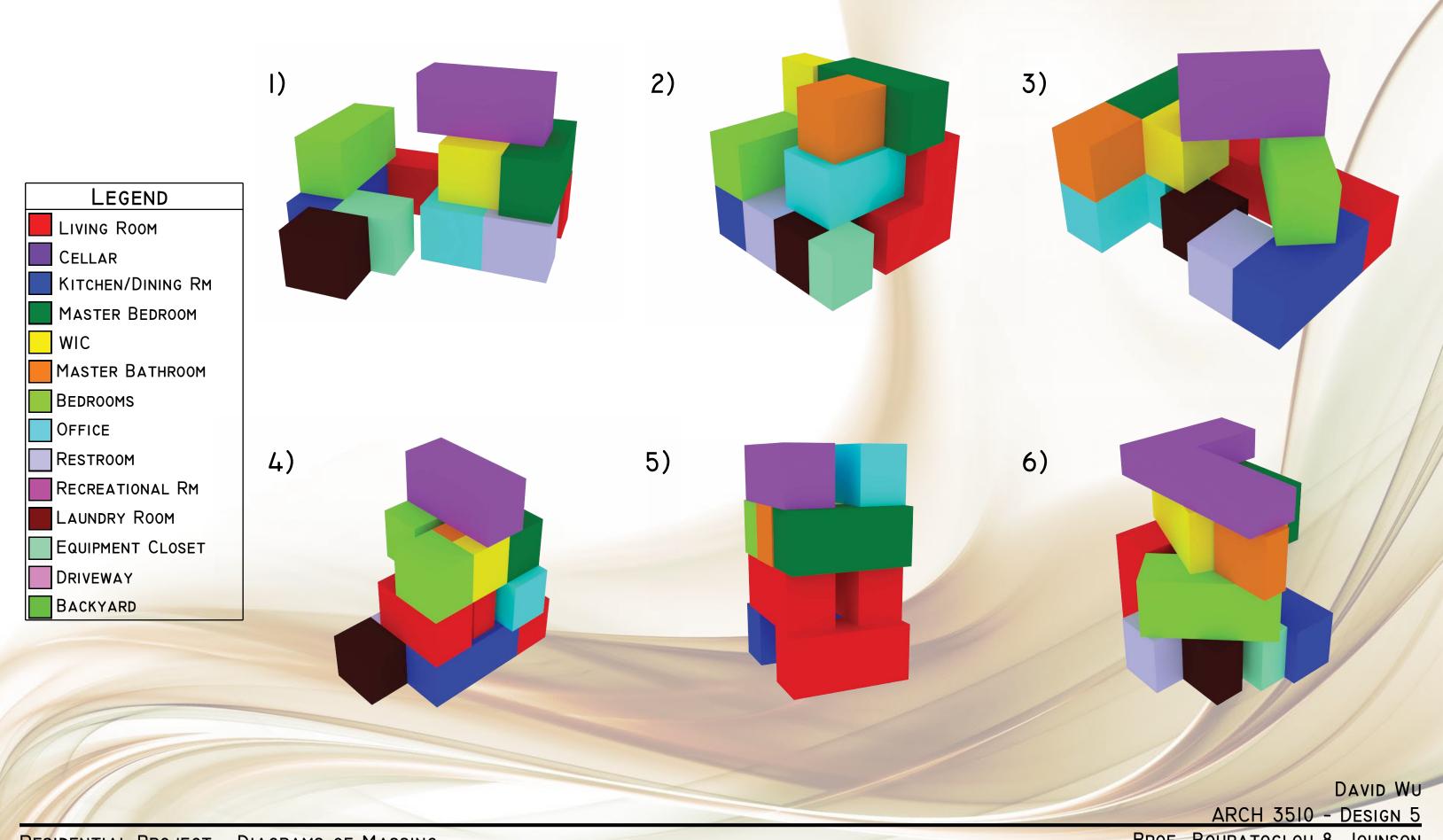




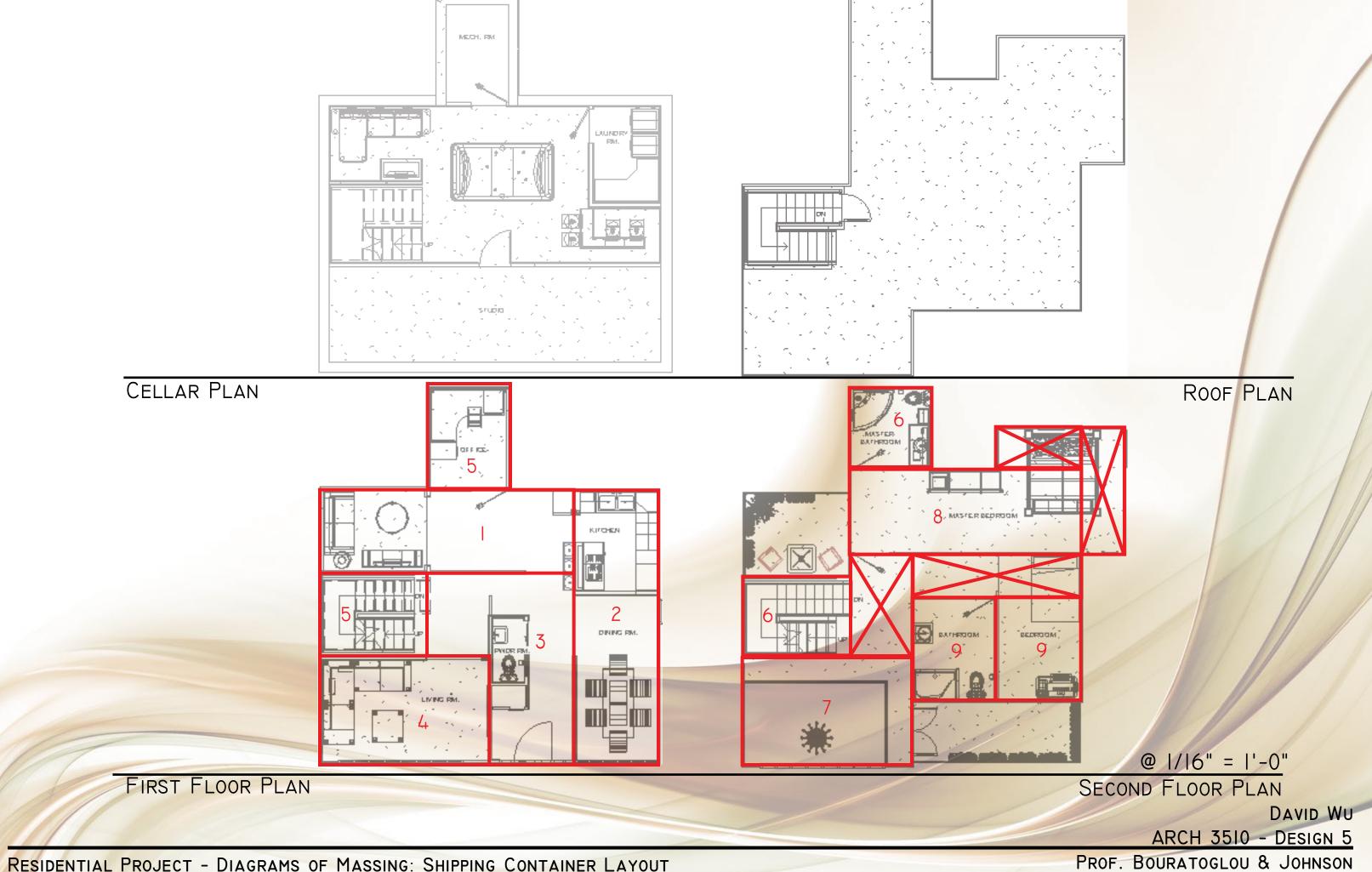
WHAT IS A SHIPPING CONTAINER?

-A SHIPPING CONTAINER IS A CONTAINER WITH STRENGTH SUITABLE TO WITHSTAND SHIPMENT, STORAGE, AND HANDLING. SHIPPING CONTAINERS RANGE FROM LARGE REUS-ABLE STEEL BOXES USED FOR INTERMODAL SHIPPING TRADE, "CONTAINER" OR "SHIPPING CONTAINER" IS VIRTUALLY SYNONYMOUS WITH "INTERMODAL FREIGHT CONTAINER". THE INVENTION OF SHIPPING CONTAINERS HELPED ADVANCE THE GLOBALIZATION OF COMMERCE. TODAY, THEY ARE CONSIDERED SUSTAINABLE AND ARE BEING USED AS AN ARCHITECTURAL FOUNDATION FOR HOUSING.

DAVID WU

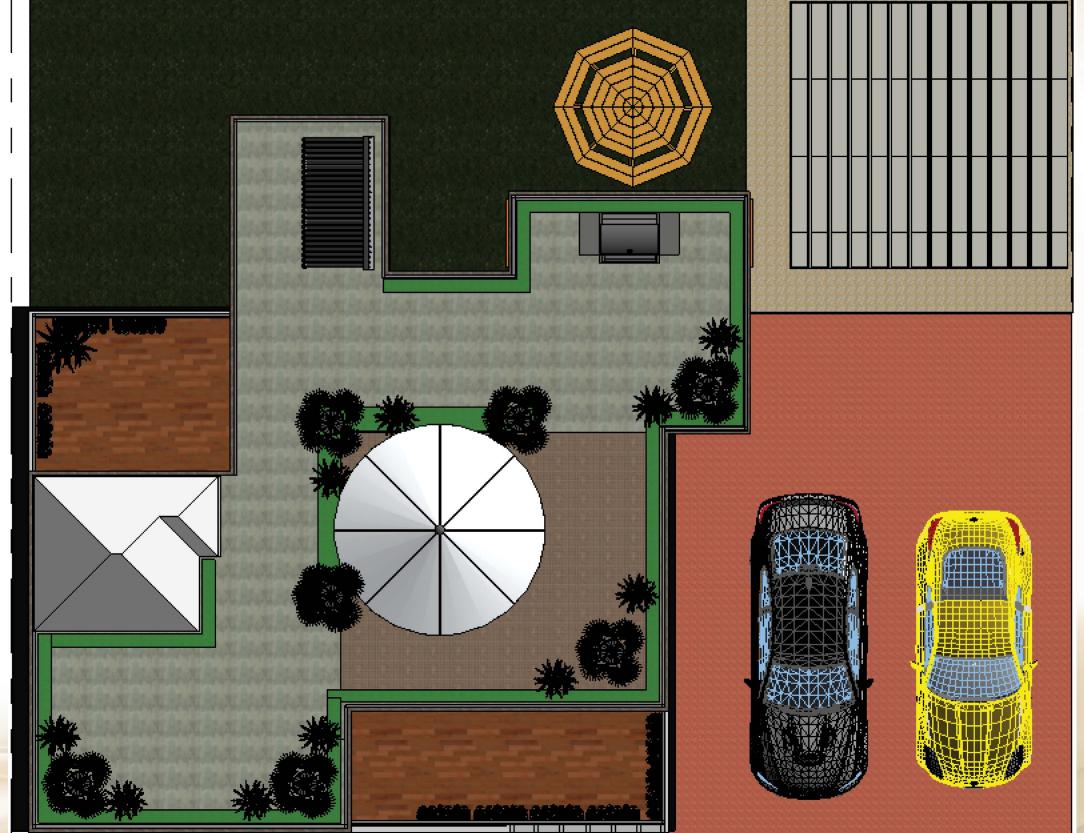


RESIDENTIAL PROJECT - DIAGRAMS OF MASSING



RESIDENTIAL PROJECT - DIAGRAMS OF MASSING: SHIPPING CONTAINER LAYOUT





- DEAN STREET -

SCALE: I" = 10'-0"

LANDSCAPE







MATERIALS





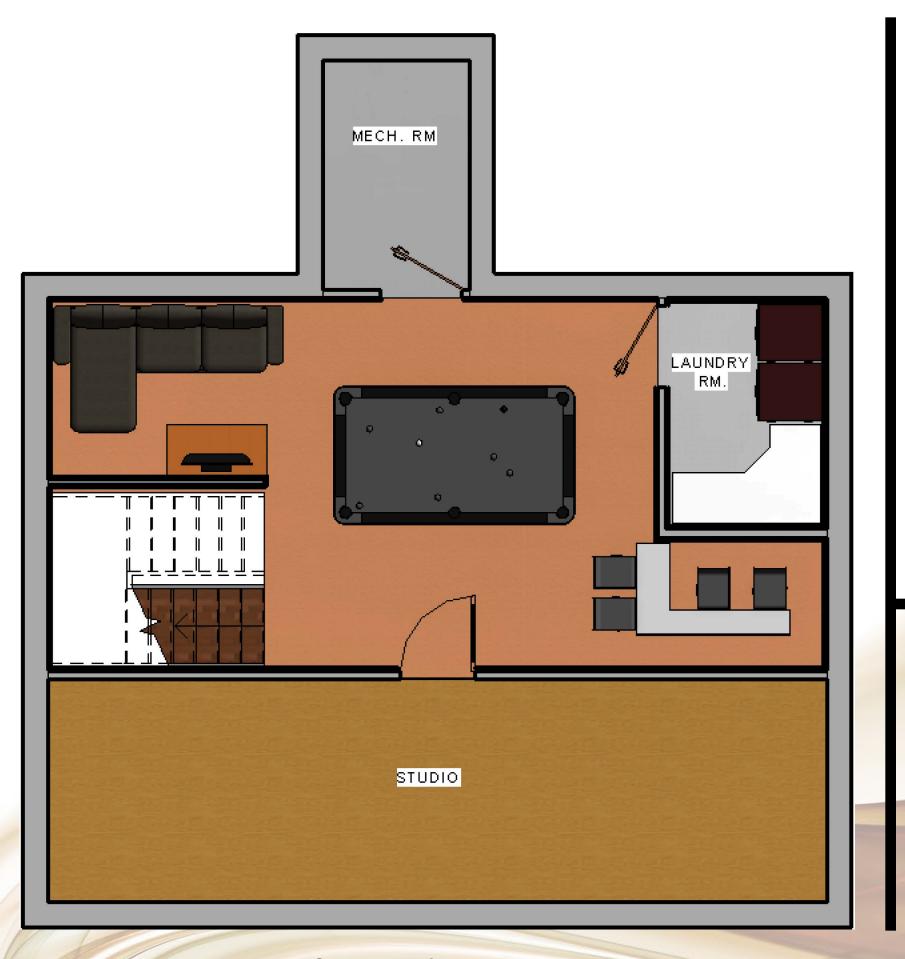
TIGER WOOD

WATERPROOF CARPET



GLASS RAILING

DAVID WU



FURNITURE











MATERIALS







TILES

BEIGE CARPET

VINYL LAMINATE OAK WOOD

SCALE: 1/8" = 1'-0"

DAVID WU



FURNITURE





















RED OAK

BEIGE CARPET

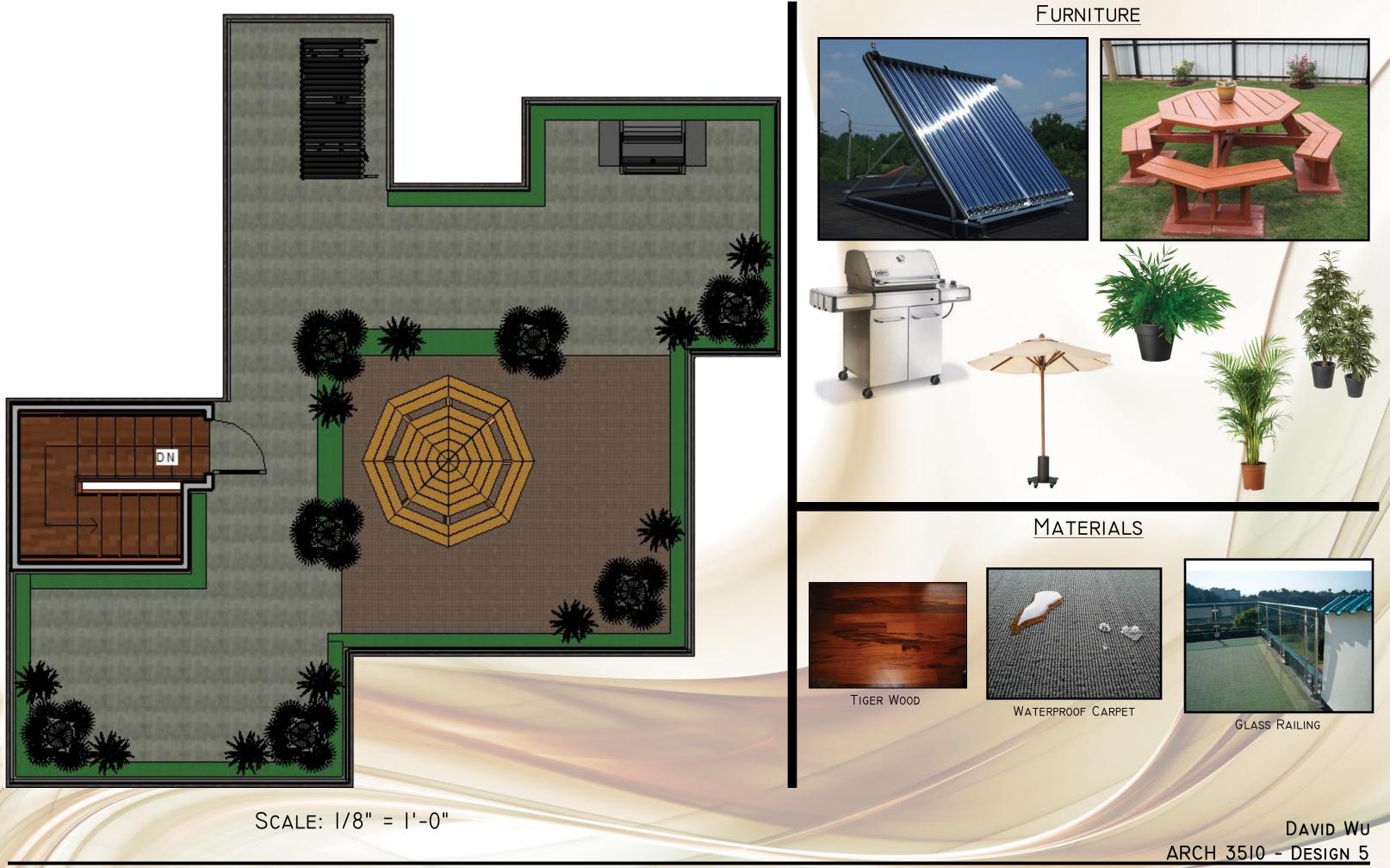
CERAMIC TILES

SCALE: 1/8" = 1'-0"

DAVID WU ARCH 3510 - DESIGN 5



RESIDENTIAL PROJECT - SECOND FLOOR PLAN



RESIDENTIAL PROJECT - ROOF PLAN



RESIDENTIAL PROJECT - VERTICAL SECTION



RESIDENTIAL PROJECT - LONGITUDINAL SECTION



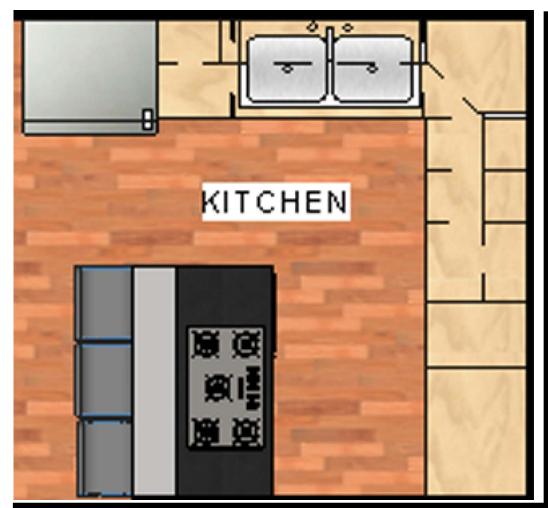
SCALE: 1/8" = 1'-0"

DAVID WU



SCALE: 1/8" = 1'-0"

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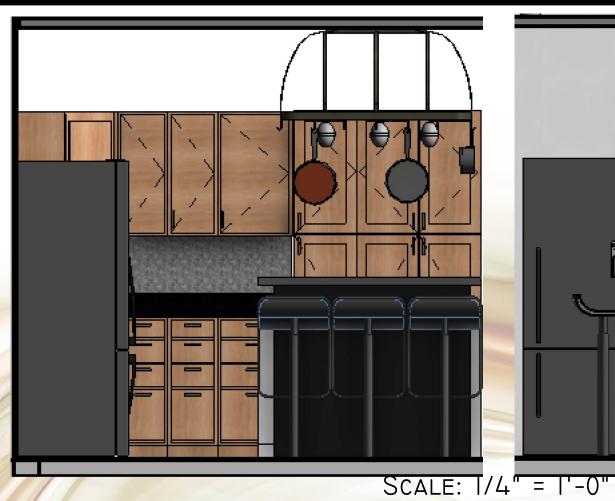












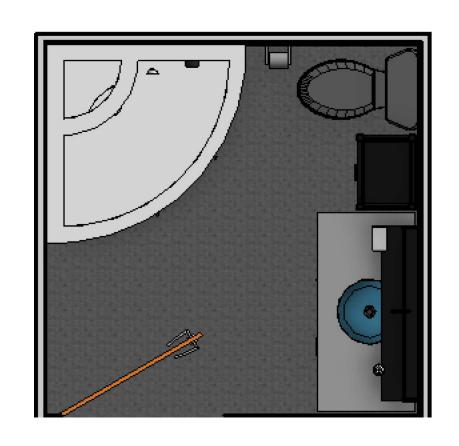






MATERIALS

MARBLE COUNTER TOP DAVID WU











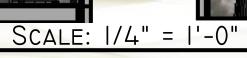


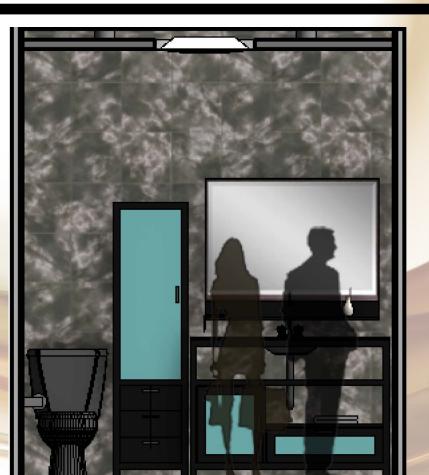














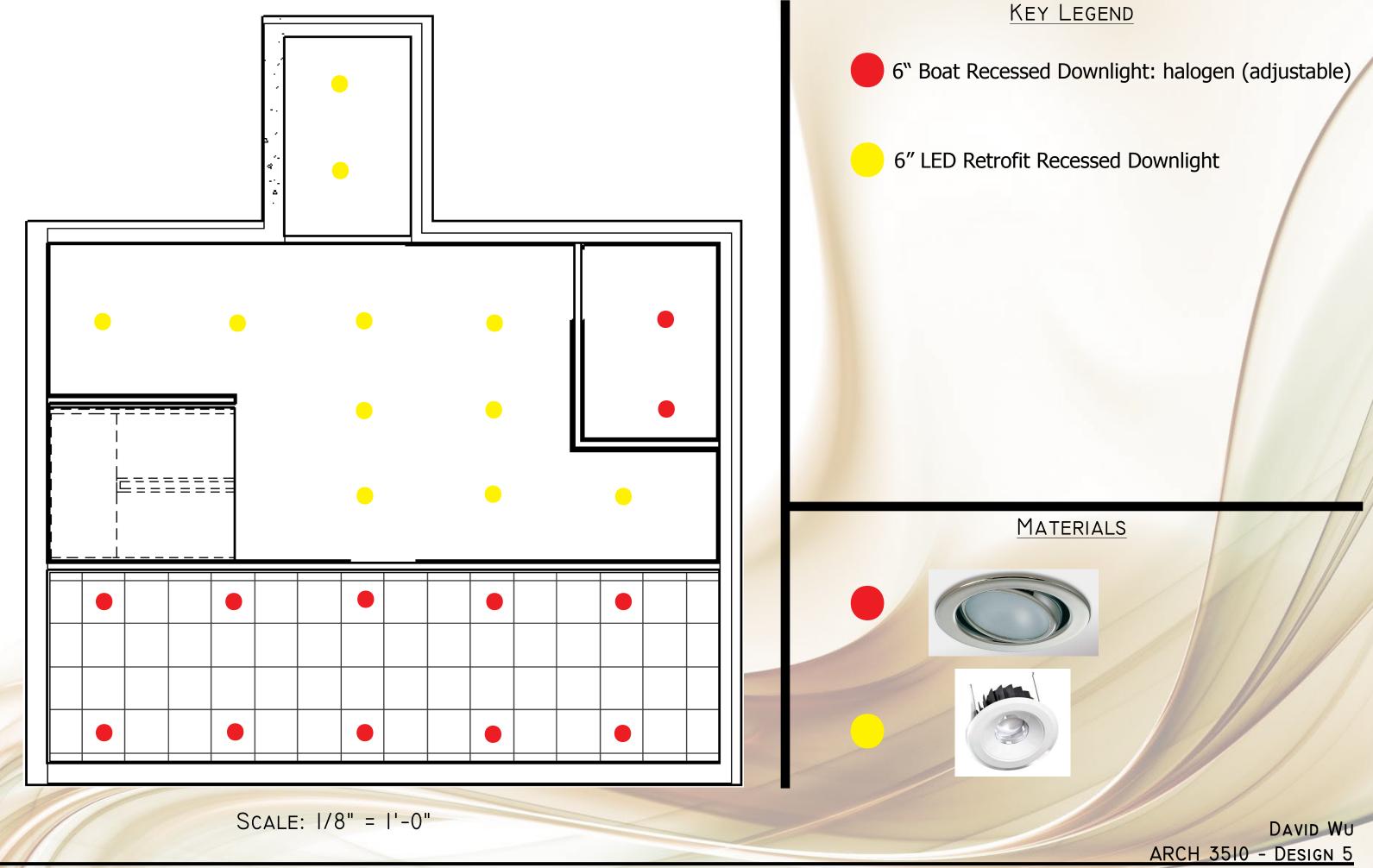


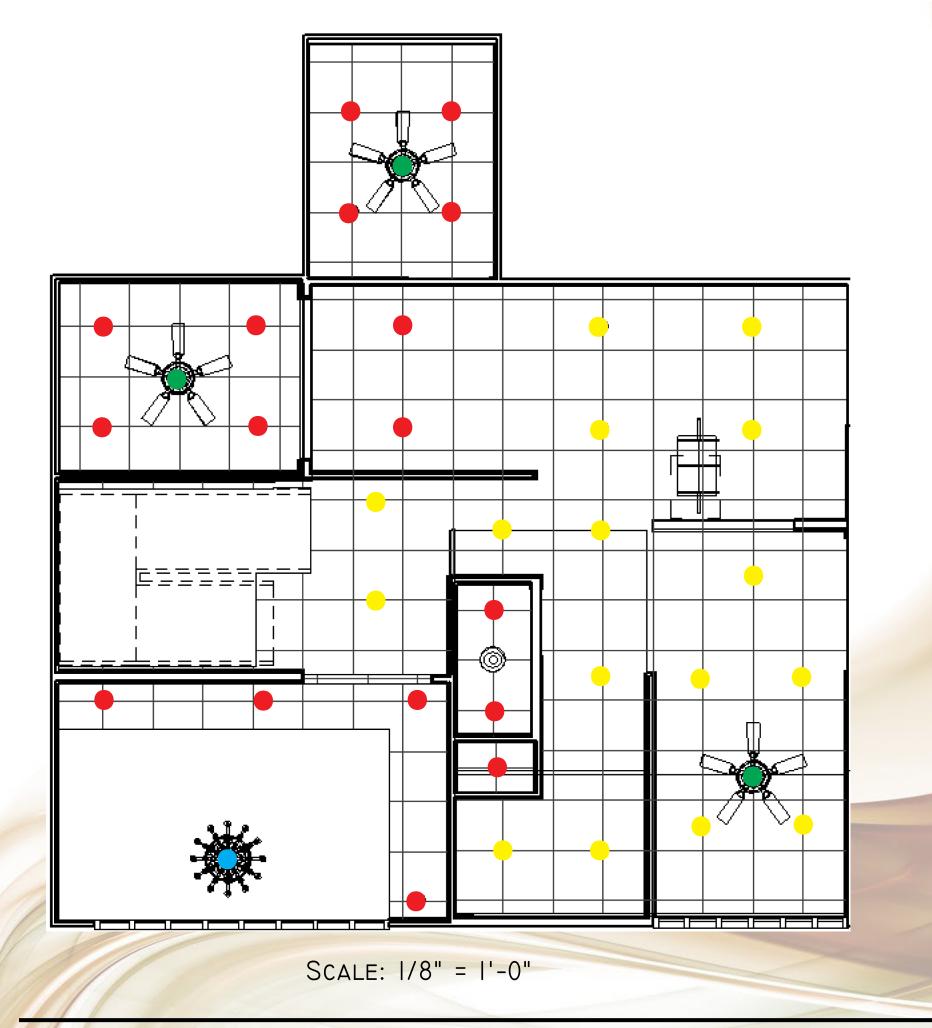
MARBLE TILES



BATHROOM TILES

DAVID WU





KEY LEGEND

6" Boat Recessed Downlight: halogen (adjustable)

6" LED Retrofit Recessed Downlight

Contemporary 52" Brushed Nickel Ceiling Fan

Modern Chandelier

MATERIALS





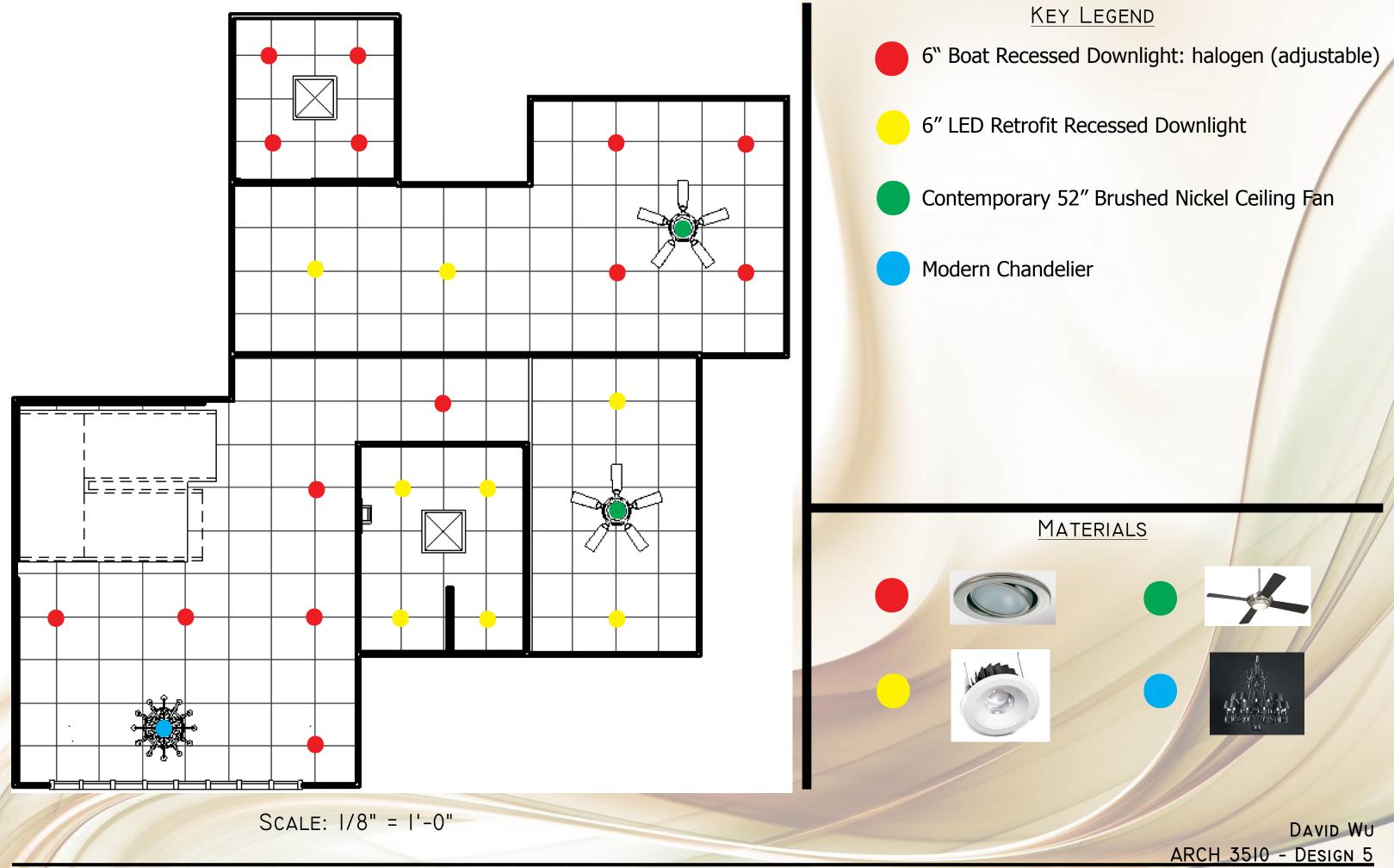




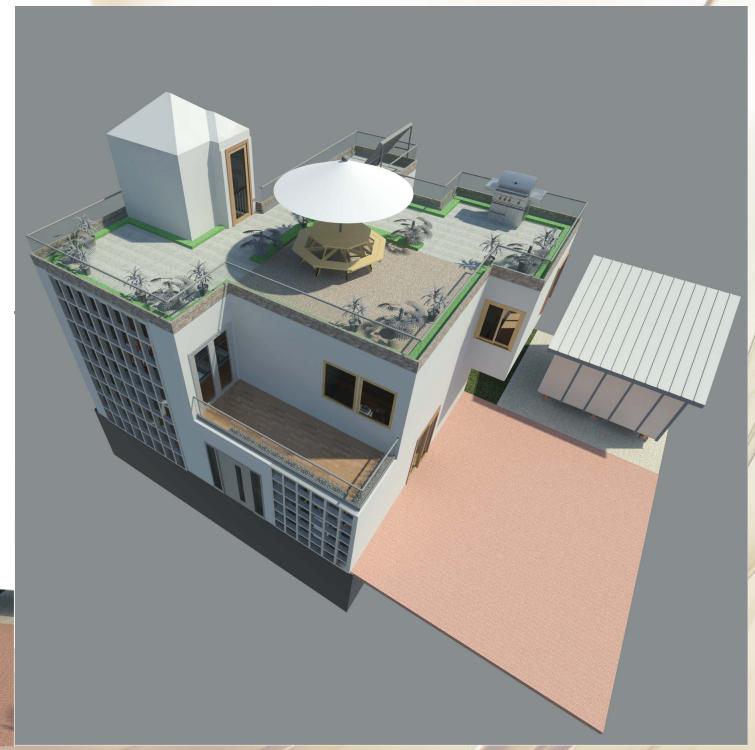




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PERSPECTIVE VIEW I

PERSPECTIVE VIEW 2

DAVID WU ARCH 3510 - DESIGN 5



DAVID WU ARCH 3510 - DESIGN 5

RESIDENTIAL PROJECT - INTERIOR RENDERINGS